



Curriculum Vitae Claudio Pettinari

Actual position

- ### Responsabilities held at University of Camerino

- ### Actual Responsibilities at different Institutions and Qualification

- 1

- 9) Member of the Chemistry Department Scientific Committee of CNR from 2019.
- 10) Member of the Administration Committee of Sferisterio Macerata Association.
- 11) Director of the International School of Organometallic Chemistry (ISOC series) in 2007, 2009, 2011, 2013, 2015, 2017, 2019, 2021, 2023 (<http://d7.unicam.it/isoc/home>).
- 12) Member of the Scientific Committee for the Cecco D'Ascoli prize.
- 13) Member of the scientific committee of INSTM.
- 14) Member of the Accademia Georgica di Treia
- 15) Responsible of the CNR interdepartmental Unit at Camerino University.
- 16) Secretary of the EUCHEM Conference N-donor ligand in Catalysis, Organometallic and Coordination Chemistry.
- 17) Member of Academy of Science of Lisboa.
- 18) Member of Academy of Science of Bologna.
- 19) Member of the scientific committee of Sorella Natura Foundation.
- 20) Member of the Scientific committee of CERIF (Research Centre for Cultural Heritage in Farnesina)
- 21) Member of the Scientific committee of SIDRI (Italian Society for pHd)

Other Responsibilities in the past

- 1) Elected member of the CRUI council and CRUI delegate for research and third mission from Jan 2021 to Nov 2023.
- 2) President of the consortium REDI (Reducing risks of natural Disasters) from april 2018 to Nov 2023.
- 3) Member of the Advisory Board for CNR-Departments evaluation (Chemistry Panel, 2014-2015)
- 4) Member of the Administration committee of the National Cluster Made IN ITALY (MINIT) from sept 2017 to sept 2021.
- 5) Member of the Italian Mission (Technological Transfer TRIP) to Denver, Cleveland and Pittsburgh Universities and research centres (Nov 2009).
- 6) Member of CIPISE (Italian Conference of the Presidents of courses: Scientific Information on Drugs) since Nov, 1st 2004.
- 7) CIPISE President (Italian Conference of the Presidents of courses: Scientific Information on Drugs) since June, 23rd 2007.
- 8) Member of the council of G.I.C.O (Interdivisional Group of Organometallic Chemistry) from Jan 2004 to Dec 2009.
- 9) Member of the council of Inorganic Chemistry Division (DCI) from Jan 2009 to Dec 2015.
- 10) Member of the Administration committee of UNIFABRIANO from 2012 to 2015.
- 11) Member of the scientific committee of the consortium UNIADRION (consortium of Universities of Adriatic Sea)
- 12) Member of the administration committee of CERHER (Center of Resilience on Heritage)
- 13) Responsible for the Camerino CNR ICCOM unit from 2016 to 2021.
(<http://www.iccom.cnr.it/index.php/it/istituto/sedi/camerino>).
- 14) Rector delegate for Marche SMART specialization strategy from 2012 to 2016.
- 15) Member of the Marchigiani nel Mondo Committee from 2010-2016.
- 16) Member of the International Cooperation Marche Region committee from 2010 to 2018.
- 17) Referent for CRUI for promotion of bike-mobility between Railway stations and Universities, a project coordinated by MIT.
- 18) CRUI Representative Member in the EUA working group “ Research Policy Working Group” from Jan 1st 2021 to Dec 31st 2022 (RPWG).

Training, Formation and Qualification

1. **School-leaving certificate** (July 1983) Lyceum G. Varano of Camerino.
2. Five-Years **Degree in Chemistry “cum laude”**, obtained in February, 15th **1989** with marks **110/110** at the University of Camerino (MC) by discussing a thesis entitled Copper(I) adducts of poly(pyrazolyl)alkanes, supervisor: Prof. Flavio Bonati).
3. **School of NMR Spectroscopy** in Inorganic Chemistry at Santa Vittoria d'Alba (June-July 1990).
4. **Research contract** with the University of Camerino from **June 7th to November 30th, 1989**.

5. **Training period** at “Strutturistica Chimica” Institute CNR in Montelibretti Roma from June to July 1994 for learning of Advanced Techniques based on X-ray diffraction under the supervision of Dr. Francesco Caruso.
6. **Training periods at the Saragozza University (under the supervision of Prof. Luis Oro)** July-September 1999, July-September 2001, within the Framework of the Azione Integrata Project Camerino-Saragozza).
7. **Specialistic Course: Management Avanzato per le Università del III Millennio (Fondazione CRUI, MIP-Politecnico di Milano, Feb-May 2016)**

Visiting professor (ERASMUS and short periods for lectures and seminars)

- 1) Programma Socrates-Erasmus-Tempus, Università di **Galati-Romania** –M. Rodica Dinica, November 1999;
- 2) TS Socrates Erasmus, University of **Sevilla** - Ernesto Carmona-, may 2002);
- 3) TS Socrates-Erasmus, University of **Strasbourg** – Pierre Braunstein, June-July 2005;
- 4) TS Socrates-Erasmus, University di **Tolosa**, November 2007;
- 5) TS Socrates-Erasmus, Instituto Superior Tecnico, **Lisboa**, 2008;
- 6) Azione Integrata Project, University of **Sevilla**, April 2009;
- 7) ERASMUS, 2011, University of **Granada**;
- 8) University of Delaware and **South-Carolina** (2011).
- 9) TS Socrates-Erasmus, University of **Paris VI** – Giovanni Poli, May 2012;
- 10) TS Socrates-Erasmus, University of **Barcellona** – Patrick Gamez, May 2013;
- 11) TS Socrates-Erasmus, University of **Strasbourg** – Pierre Braunstein, June-July 2014;
- 12) TS Socrates –Erasmus, University of **Strasbourg** – Pierre Braunstein, June 2015;
- 13) TS Socrates – Erasmus, University of **Leiden** – Elisabeth Bouwman, March 2016.

Research Activity

Prizes

- **Winner of the Bonati Prize in 1998** for Young Researcher in Organometallic Chemistry (under 35 years)
- **Winner of the “Nasini” Medal in 2004** for the best researcher active in Inorganic Chemistry under 40 years (Both prizes are National offered by SCI; Claudio Pettinari is actually the only Italian researcher winner of both prizes.
- **Doctor Honoris Causa in Chemistry** issued by **University of Galati** in Sept 2012.
- **Camerte dell’Anno 2013** (prize granted by Camerino municipality).
- **Elected Member of the Academy of Science of Lisbon** from 2015.
- **Member of the Adademy of Science of Bologna** from 2023
- **Distinguished Fellow Award** of the Centro de Quimica Estrutural of Lisbon 2016.
- **Melvin Jones FRIEND 2018** (Lions honorificence)
- **Verdicchio D’oro 2018** (Comune di Staffolo, Accademia dei Georgofili)
- **Premio San Giacomo della Marca 2018** (prize granted by the Sarnano minucipality)
- **Premio Accademia Marchigiani dell’Anno 2021**
- **Marchigiani dell’Anno 2021 (Picus del Ver Sacrum 2021)**
- **Memorial Sacconi Lecture 2023** (prize granted by Sacconi Foundation)

Research description

Claudio Pettinari is author and coauthor of **446 papers** (from Google Scholar h-index = **60**, citations = **15728**. From SCOPUS h-index = 54; citations = 13135, from Web o Science: h-index = 52, 12027 citations) in international peer-review journals (**432 documents** in SCOPUS, **415 reported in WEB of Science, see attached list**), including at least **26** high-level invited reviews, and more than **270 communications** to international and national congresses and workshops. He is inserted in the **Top Italian Scientist** list (132). He is also author of **4 books**, **4 national** and **3 international patents** and **10** original contributes on topics concerning University governance, Constitution, Traditions.

The research activity of Claudio Pettinari has been mainly carried out in the field of coordination chemistry of N-, O and S-donor heterocycles, and/or of ancillary ligands as phosphines and diphosphines toward main groups, transition and rare earth metals and in the field of organometallic chemistry of Sn, Rh, Ir, Pd and Ru. In the last period much attention has been also directed to the preparation of new polyfunctional materials and MOFs by using secondary building units derived from previously developed molecular species as trimeric triangular copper(pyrazolate) synthons. The coordinating behaviour of the following classes of ligands has been exhaustively investigated by Claudio Pettinari: **pyrazoles**, triazoles, imidazoles, mercaptomidazoles, triorganophosphines, diphosphines,

pyrazolones, bis(acyl)pyrazolones, poly(azoly)metallates, poly(azoly)alkanes, poly(azoly)acetates, poly(azoly)borates, oxazolines, chiral sulfoxides and imines, phenanthroline and pyridine derivatives. For these reasons, he is actually considered as one of the most experts at international level in the field of N-donor heterocyclic and β -diketonate ligands, and after Trofimenko dead, Claudio Pettinari is considered as a reference point for the **scorpionate ligands chemistry**. He also has developed a number of homo- and hetero-scorpionate molecules, useful ligands for the stabilization of metals in unusual oxidation state, or able to give unexpected coordination numbers, sometimes defined as “innocent ligands” suitable to block the metal coordinations sites, allowing the interaction of the metal center, toward fixed orientations, with small molecules relevant from the biological and industrial point of view.

Claudio Pettinari also has designed and synthesised new **β -diketones** able to induce higher stability and volatility to their metal complexes. Some of the species synthesised have been investigated jointly with Padova CNR researchers for their thermoelectric and luminescence properties.

Claudio Pettinari is also considered as one of the most experts in the field of tin(IV) and organotin(IV) derivatives and of their possible uses and applications. He has reported relevant studies on their solution behavior and solid-state structures as also on their uses as biological models in bioinorganic and bio-organometallic chemistry.

Thanks to the cooperation with Istituto Nazionale Tumori (Milan) he developed a number of metal complexes based on gold, silver and copper as acceptors and triorganophosphines as ligands, or based on titanium and ruthenium as acceptors and heterocyclic pyrazolones as ligands. These species possess biological activity coupled with water-solubility and **three** patents on these subjects have been deposited.

In the last four years the interest of Claudio Pettinari has moved to new frontiers and emerging research fields as those represented by **MOFs** (Metal-Organic Frameworks) and **PCPs** (porous coordination polymers). MOFs or PCPs are a class of crystalline microporous hybrid solids built of inorganic units (isolated cations, clusters, chains, or layers) connected through polytopic linkers (e.g. polycarboxylate), defining pores of various shape and size. The potential applications of these hybrid solids lie in the area of gas storage and separation, catalysis, drug release, and so on. Compared to their purely inorganic counterparts (zeolites), the great variety offered by the organic chemistry allows the systematic modification of their chemical composition, of their pores surface and thus finally of their properties (very large surface area, sorption selectivity). In a number of papers Claudio Pettinari has reported simple strategy to build cyclic assemblies based on the combination of protected metal ions and symmetric bent polyazolate bridging ligands. The resulting assemblies possess cavities and surfaces able to give specific interactions with biorelevant species and sometimes also exhibit catalytic activities. Claudio Pettinari has been National Coordinator for a PRIN project devoted to this field.

More recently he also developed new precursors (based on Cu, Ru, Rh and Ir) able to catalyze in mild conditions the oxidation of alkanes to alkenes and alkynes, alcohols and aldehydes, in collaboration with the main European Research Groups active in the field, or palladium complexes able to catalyze olefin/CO polymerization processes. He is also actually involved in regional projects concerning advanced materials for furnitures and shoes, but also advanced composite materials.

In addition, he also worked on particular systems suitable to introduce radiopharmaceutical antitumor drugs and also on ligands suitable to coordinate ^{64}Cu and also on the synthesis of metal complex-based radiopharmaceuticals suitable for positron emission tomography (PET) and single photon emission computed tomography (SPECT) based on lanthanide complexes.

Financial Resources and Coordinated Projects

Claudio Pettinari is actually the scientific coordinator of a number of research and mobility projects. He also successfully concluded a more than 20 research projects. The most important are here reported in detail:

1. **Scientific Coordinator** of the european research project **"INTAS CALL 2000"** (INTAS-00-469): **New mono and heterometallic azolates as new materials and new material sources** (scientific cooperation between Universities of Camerino, Saragozza, Mosca e Novosibirsk-registrazione n. 326). Scientific Coordinator also of the Research Unit of Camerino.
2. **Scientific Coordinator** of a research project **MIUR of Scientific Cooperation** between Universities (COOPERLINK 2000) with Russian Federation (University of Camerino-University Lomonossov of Mosca) (a.a. 2000: **Synthesis and Spectroscopic Characterization of new Rh complexes containing N- and/or O-donor ligands as potential catalysts toward hydroformylation and hydrogenation reactions**).
3. **Scientific Coordinator** of a research project **MIUR of Scientific Cooperation** between Universities (COOPERLINK 2001) with Russian Federation (University of Camerino-University Lomonossov of Mosca) (a.a. 2001: **Synthesis and Spectroscopic Characterization of new Rh complexes containing N- and/or O-donor ligands as potential catalysts toward hydroformylation and hydrogenation reactions**).
4. **Scientific coordinator** of a research project funded by **Fondazione CARIMA** (Cassa di Risparmio della Provincia di Macerata) (2001): **Synthesis of new derivatives of TiO_2 as precursors in osteointegration of dental implants through MOCVD technique**.
5. **National Coordinator and Scientific Coordinator for the project PRIN 06: Polyfunctional Metal-Organic Hybrid Materials based on Polyazotate Ligands** (2006038447)

6. **Scientific Coordinator for the project PRIN 2010:** BNZ3F2 project DESCARTES of the Italian Ministry of the University and Research.
7. **Scientific Coordinator** of a project of **Cooperation** between Universities (ASSCIR 06) with Russian Federation (University of Camerino-University Lomonossov of Mosca) (a.a. 2006: **Synthesis and Spectroscopic Characterization of new Rh complexes containing N- and/or O-donor ligands as potential catalysts toward hydroformylation and hydrogenation reactions**).
8. **Scientific coordinator of three projects financed by Dipharma Francis (2005-2007):**
 - a. New metal catalysts of hydration reactions of double and triple bonds.
 - b. Original synthesis of pharmaceutically active compounds-I.
 - c. Original synthesis of pharmaceutically active compounds-II.
9. **Scientific Coordinator** of a project of **Cooperation** between Universities (ASSCIR 07) with Russian Federation (University of Camerino-University Lomonossov of Mosca) (a.a. 2007: **Synthesis and Spectroscopic Characterization of new Rh complexes containing N- and/or O-donor ligands as potential catalysts toward hydroformylation and hydrogenation reactions**).
10. **Coordinator** of 2 Projects **Indian Young Researchers** (MIUR 2007 and 2008): Nanoscience and Nanotechnologies.
11. **Scientific Coordinator of an Azione Integrata Italia-Spagna project (2007):** New polyfunctional porous metal-organic coordination polymers containing N-donor heterocyclic ligands and carboxylate counter-ions.
12. **Scientific Coordinator of a MIUR project** International Cooperation (MIUR-2007) (UNICAM, Univ- of Lomonosov and Galati): **Advanced Qualification and training of young researchers in the Chemistry of Polyfunctional innovative materials and of New sources for Energy and Environment.**
13. **Scientific Coordinator** of a project of **Cooperation** between Universities (ASSCIR 08) with Russian Federation (University of Camerino-University Lomonossov of Mosca) (a.a. 2008: **Formation of young researchers in the field of synthesis of new gold coordination compounds as anticancer drugs and new coordination polymers**).
14. **Coordinator** of two projects **IP ERASMUS LLP** (2008-2009) (ACAOC 2009 e 2010): Advanced Catalysis and Organometallic Chemistry. Network formed by 9 University- Sevilla, Grenada, Lisbona, Wroclaw, Galati, Tolosa, Aberdeen, Ioannina, Camerino.
15. **Coordinator** of two projects **IP ERASMUS LLP** (2011-2012) (EUCHEME 2012 e 2013): European Chemists for Energy, Material and Environment. Network formed by 10 University- Sevilla, Grenada, Lisbona, Wroclaw, Galati, Tolosa, Aberdeen, Pau, Camerino, Frankfurt.
16. **Scientific Coordinator of the project “GIOVANI-TECNOLOGI” Regione Marche (2008):** Design and synthesis of a family of new thermoplastic polyurethane materials with new biodegradation and biocompatibility features coupled to conventional properties, for biomedical applications.
17. **Representative and Member for Italy in the management committee of the COST Action CM1302: European Network on Smart Inorganic Polymers (SIPs)**
18. **Scientific Coordinator of the project “POR MARCHE FESR 2007- 2013 - INTERVENTO 1.1.1.04.02 “PROMOZIONE DELLA RICERCA INDUSTRIALE E DELLO SVILUPPO SPERIMENTALE IN FILIERE TECNOLOGICO-PRODUTTIVE” Regione Marche (2012):** Development of new materials for New Generation Hood.
19. **Scientific Coordinator of the project “POR MARCHE FESR 2015 - INTERVENTO 1.1.1.04.02 “PROMOZIONE DELLA RICERCA INDUSTRIALE E DELLO SVILUPPO SPERIMENTALE IN FILIERE TECNOLOGICO-PRODUTTIVE” Regione Marche (2016):** GHEC Green Healty and Easy to clean Coffee-machine. Materiali/trattamenti/soluzioni progettuali-tecnologiche per innovativa coffee-machine professionale brass-less con caratteristiche uniche di salubrità tazzina, sostenibilità e autopulibilità.
20. **Scientific Coordinator for UNICAM of the ERASMUS KA2 project** Development of a joint study program between higher education and vocational education and training: International Master’s Degree for the FUrnITURE sector.
21. **Scientific Coordinator (Camerino unit) for the PRIN project 20154X9ATP_002 Towards a Sustainable Chemistry: Design of Innovative Metal-Ligand Systems for Catalysis and Energy Applications.**
22. **NQSTI (National quantum science technology Institute-PE4) researcher involved with activity in Spokes 2 and 9.**

In addition, Claudio Pettinari has participated to a number of project coordinated by other researchers. In detail:

- a) Fondazione CARIMA project (1999): Synthesis of New Sn, Pt, and Au derivatives with anticancer activity. Scientific Coordinator prof. Augusto Cingolani;

- b) Fondazione CARIMA project (2003): Synthesis of New Sn, Pt, and Au derivatives with anticancer activity. Scientific Coordinator prof. Augusto Cingolani;
- c) Fondazione CARIMA project (2005): Synthesis of New Sn, Pt, and Au derivatives with anticancer activity. Scientific Coordinator prof. Augusto Cingolani;
- d) Azione Integrata Italia-Spagna (Camerino-Saragozza, 1999-2000): Scientific coordinator prof. Augusto Cingolani.
- e) Project “Grande Rilevanza” MAE-MIUR: Biopatagonia (2008): Scientific coordinator prof Riccardo Ceccarelli (Casaccia, ENEA).
- f) PRIN 2000 (MM3027791_001): Selective synthesis of organic carbamate, carbonate and carboxylate derivatives through sequential activation of carbon dioxide and other substrates. Scientific coordinator. Prof. Michele Aresta.

Patents

1. PETTINARI C, CARUSO F., CINGOLANI A. (1999). Procedure for preparing polynuclear derivatives of Ti(IV) with 4-acyl-5-pyrazolonate ligands for antitumor application. IT 99RM0633, 50%
2. CARUSO F., PETTINARI C (2002). Preparation of gold compounds simultaneously coordinated by mono- and bidentate phosphines having antitumor activity. WO 2003008427, 50%
3. Italian Patent RM 2013A000382, deposited 28 06 2013, Title: Complessi Acilpirazolonici di Argento(I) incorporati in polietilene ad alta densità o in cloruro di polivinile con potente attività antibatterica.
4. Italian Patent MI2013A0001359, deposited 07 08 2013, Title: Complessi di Rutenio con attività Chemioterapica antitumorale.

Editorial Activity

Editor in chief of the section Organometallic Chemistry of Inorganics (MDPI)

http://www.mdpi.com/journal/inorganics/sectioneditors/organometallic_chem

- a) Editor of Inorganics (MDPI): (<https://www.mdpi.com/journal/inorganics/editors>)
- b) Member of the Editorial Board of **Organometallics** (ACS) from 2014 to 2016;
- c) Member of the Editorial Board of **Inorganica Chimica Acta** (Elsevier) from 2010 to 2018;
- d) Editor of **Bioinorganic Chemistry and Applications** (Hindawi) since 2008;
- e) Editor of **Advances in Materials Science and Engineering** (Hindawi) since 2016;
- f) Member of the Editorial Advisory Board of the **Open Inorganic Chemistry** journal since 2007;
- g) Member of the Editorial Advisory Board of **Materials** (MDPI) since 2016;
- h) Member of the editorial Review Board of the **Scientific Journal International** since 2007;
- i) Member of the Editorial Board of THE ANNALS OF THE “Dunarea de Jos” UNIVERSITY OF GALATI, Fascicle II, Mathematics, Physics, Chemistry, Informatics since 2008.
- i. <http://www.hindawi.com/58640537.html>
- ii. http://www.elsevier.com/wps/find/journaleditorialboard.cws_home/504086/editorialboard
- iii. http://www.scientificjournals.org/editorial_board.htm
- iv. <http://www.bentham.org/open/toicj/EBM.htm>
- v. <http://pubs.acs.org/userimages/ContentEditor/1233861392520/orgnd7-eab.pdf>

Guest editor of

1. a special issue of Journal Organometallic Chemistry dedicated to the “EuChem Conference on Nitrogen Ligands in Organometallic and Chemistry” held in Camerino.
2. a special issue of Journal Organometallic Chemistry entitled “Recent Advances in Organotin Chemistry”.
3. a special issue of Inorganica Chimica Acta dedicated to prof. Trofimenko.
4. a special issue of J. Organometallic Chemistry dedicated to ISOC 2011: TAILORED ORGANOMETALLIC COMPLEXES WITH IMPROVED FUNCTIONS.
5. special issue of J. Organometallic Chemistry dedicated to ISOC 2013
6. a special issue of Eur. J. Inorg. Chem. Dedicated to Scorpionates 50 years later
7. a special issue of Eur. J. Inorg. Chem. Dedicated to ISOC 2019.

Invited Plenary Lectures or Key Notes (chemistry /teaching)

1. **Plenary Lecture at GICO 1998**
2. **Invited speaker at ACS National congress in New Orleans 2003**
3. **Plenary Nasini lecture in Rome (2004)**
4. **Invited Speaker (Plenary Lecture) at Athens 2005-FIGIPAS**
5. **Plenary Lecture at Milano 2007 (Italian Chemistry Division congress)**
6. **Plenary Memorial Lecture at Garmish 2008 (Nitrogen donor ligand international Meeting)**
7. **Plenary Lecture at Torino 2010 (workshop on MOF)**

8. Plenary Lecture at Organometallic School (Bertinoro, 2010)
9. Key-note Lecture at EUCOMC Toulouse 2011
10. Plenary Lecture at ICOMC Lisbon 2012.
11. Invited Speaker at XXXIV Reunion Bienal Real Sociedad de Quimica Espanola, Santander 2013.
12. Plenary Lecture at Bioinorganic Chemistry School (Pisa, November 2014)
13. Invited Lecture at the ISCHIA meeting of INSTM (Ischia, July 2017)
14. Lectio magistralis at the Summer School Sereni (Istituto Cervi): Paesaggio e Democrazia (Caldarola, september 2018)
15. Invited Lecture at the GEO Conference (Bari 2018)
16. Plenary Lecture at the AIMAT conferences (Ischia 2019)
17. Opening Plenary lecture at the National Congress of Chemists and Physics Order (Verona 2021)
18. Plenary Lecture at the national meeting of CNR Department (Roma 2021)
19. Plenary Lecture at the National Meeting of Inorganic Chemistry Division (Italy, Pisa 2022)
20. Invited Lecture at the GEO Conference (Bari 2023)
21. Lecture at the Sacconi Foundation (Firenze 2023)

International Missions (member of delegations)

- a) Lisbon 2007 (ERASMUS anniversary)
- b) Denver, Pittsburgh, Cleveland (US embassy Mission for Italian Universities-Technological Transfer Trip)
- c) Buenos Aires (Consortium of Italian Universities for Argentina, CUIA delegation 2010)
- d) Buenos Aires (CUIA delegation 2011)
- e) Buenos Aires (CUIA delegation 2012)
- f) Buenos Aires (CUIA delegation 2013)
- g) Buenos Aires (CUIA delegation 2015)
- h) Pechino and Jinan (Regione Marche delegation)
- i) Porto Alegre (luglio 2013-COSMOB-Regione Marche: Lecture at SEBRAE)
- j) Florianopolis, Santa Caterina, Joao Pessoa (novembre 2013 COSMOB-Regione Marche: Lecture at SEBRAE)
- k) Florianopolis (March 2014, regione MARCHE-COSMOB)
- l) Brasilia (November 2014, regione Marche-COSMOB Plenary Lecture at SEBRAE meeting)
- m) Pechino- Jinan (Regione Marche October 2014)
- n) Moscow (Regione Marche March 2014)
- o) Pechino – Jinan – Qingdao – Zibo – Changsha (Regione Marche, Apr 2016)
- p) Teheran – Mazandaran (Regione Marche, Jul. 2016)

Scientific Congresses and Workshop Organization

- a) Member of the Organizing committee of CO.GI.CO '92, 1st Congress of the Interdivisional Group of Organometallic Chemistry, September 1992, Camerino.
- b) Member of Organizing Committee of XIII T.U.M (Tosco-Umbro-Marchigiana) held in Camerino from 12 to 13 may 1994.
- c) Member of the Organizing Committee of the the seven editions of ISOC (1997-2009) (International School of Organometallic Chemistry)
- d) **Chairman** of the last eighth editions of ISOC (2009-2023).
- e) **Chairman of ISC (International School of Chemistry – web edition)**
- f) **Chairman** of the Organizing Committee of the 3rd EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Sept 8-12, 2004, Camerino.
- g) Member of the Scientific committee of the 4th EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Catalysis and Coordination Chemistry, Aug 25-28, 2008, Garmisch.
- h) Member of the Scientific committee of the 5th EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Catalysis and Coordination Chemistry, Set 4-8, 2011, Granada.
- i) Member of the Scientific committee of the 6th EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Catalysis and Coordination Chemistry, 2015, Beaune, France.
- j) Member of the Scientific committee of the 7th EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Catalysis and Coordination Chemistry, 2018, Lisbon, Portugal
- k) Member of the Scientific committee of CO.GI.CO 2004 (Cetraro), 2006 (Parma) and 2008 (Perugia), respectively, 6th, 7th and 8th Congress of the Interdivisional Group of Organometallic Chemistry.
- l) Chairman of the Organizing and Scientific Committee of the 1st International Workshop on New Hybrid Metal Organic Materials, Jan 16-18, 2009, Camerino.
- m) Member of the Scientific Committee of IX Symposium of Colloids and Surface Chemistry held in Galati (Romania, May 2008).
- n) Member of the Scientific committee of XXXVIII Congresso Nazionale della Divisione di Chimica Inorganica, 13-16 Sept 2010 (Trieste).
- o) Member of Scientific Committee of the Scuola Nazionale di Chimica Organometallica per dottorandi, 23-27 maggio 2010 Bertinoro (BO)

- p) Member of Scientific Committee of the Scuola Nazionale di Chimica Bioinorganica per dottorandi, 3-6 luglio 2011 Siena.
- q) Workshops Organisation in Buenos Aires (2011 and 2012): Functional Coordination Polymers.

Scientific Collaborations

Claudio Pettinari has collaborated with many research groups from different national and international Universities and Research institutes.

1. Prof. Armando Pombeiro (Università di Lisbona)
2. Prof. Sergei I. Troyanov e A. Drodzov (Università Lomonossov di Mosca).
3. Prof. Luis Oro (Univ. of Zaragoza, Spain)
4. Dr. Franco Caruso, Dr. Riccardo Spagna, Dr.ssa Clara Marcianite, Dr. Alberto Cassetta (CNR).
5. Prof.ssa Bruna Bovio (Università di Pavia).
6. Prof. Marcello Colapietro (Università la Sapienza, Roma).
7. Prof. ssa Miriam Rossi (Dep. of Chemistry, Vassar College, New York, USA).
8. Prof. ssa Eleonora Rivarola (Università di Palermo).
9. Dr. Marcello Crucianelli (Università dell'Aquila).
10. Dr. Carla Carfagna (Università di Urbino).
11. Dr. Andrea Mele (Politecnico di Milano).
12. Prof. Qingshan Li (Dipartimento di Scienze Farmaceutiche, Shanxi Medical University, R. P. Cinese)
13. Dr. ssa Rodica Dinica (Università di Galati, Romania)
14. Dr. Giovanni Battiston (area CNR-Padova).
15. Prof. Alexander Voloshin (UFA, Institute of Organic Chemistry, Ufa, Russia)
16. Dr. Gajdane Schrantz Krisztina (University of Szeged, Ungheria)
17. Prof. Luciano Pandolfo (Università di Padova)
18. Prof. Pietro Tagliatesta (Università di Tor Vergata Roma)
19. Prof. Magda Monari (Università di Bologna)
20. Dr. John Hanna (ANSTO Facilities, NMR Division, Australia)
21. Dr. S. Trofimenko (Du Pont, University of Delaware)
22. Prof. Ernesto Carmona (Università di Siviglia)
23. Prof. Dan Reger (University of South-Carolina)
24. Prof. Daniel Rabinovich (University of North-Carolina at Charlotte)
25. Prof. Norberto Masciocchi, Prof. A. Sironi (Università dell'Insubria + Uni Milano)
26. Prof. Daniela Pucci e Prof. Alessandra Crispini (Università della Calabria)
27. Prof. Eleuterio Alvarez (Univ. Sevilla)
28. Prof. Francesco Fanizzi (Università di Lecce)
29. Prof. Roberto Gobetto (Università di Torino)
30. Proff. Allan H. White and B. W. Skelton (University of Western Australia, Perth).
31. Prof. Alceo Macchioni (Università di Perugia)
32. Prof. Susumu Kitagawa (University of Tokio)
33. Dr. Maurizio Peruzzini (CNR Firenze)
34. Dr. Jack Harrowfield (ISIS – Strasbourg)
35. Prof. Konstantin Domasevitch (University of Kiev)
36. Dr. Stefano Stagni (Università di Bologna)
37. Dr. F. De Angelis (CNR Perugia)
38. Prof. Silvia Bordiga (Univ. Torino)
39. Prof. Graham Bowmaker (Auckland Univ)
40. Prof. Silvia Casassa (Torino University)
41. Prof. Luisa Martins (University of Lisbon)
42. Prof. Jeffrey Long (University of Berkeley)
43. Prof. V. Trofimenko (University of Delaware)
44. Prof. K. Domasevitch (university of Lviv)
45. Prof. Maurizio Peruzzini (CNR Firenze)
46. Prof. Tushar Basu Baul (Shillong University)
- 46 Prof. Tabassum Sartaj (Aligar Muslim University)
47. Prof. Paul Dyson (ETFL Lausanne)
48. Prof. Ilya Tajdakov (Mosca)
49. Prof. Omar Yaghi (Berkeley, US)

Teaching Activity

In the academic years 1992-93, 1993-94, 1994-95 and 1995-96 I was tutorship in theoretical exercises within the following courses:

General and Inorganic Chemistry (Degree in Pharmacy).
General and Inorganic Chemistry-I (Degree in Chemistry).
General and Inorganic Chemistry-II (Degree in Chemistry).

Previous Teachings

Claudio Pettinari has been regular teacher of the following courses:

1. **General and Inorganic Chemistry** (Degree in Scientific Information on Drugs) in the academic years: 1996-1997, 1997-1998, 1998-1999, 1999-2000, 2000-2001.
2. **Inorganic Chemistry-II** (Degree in Chemistry) in the academic years: 1996-1997, 1997-1998, 1998-1999, 1999-2000, 2000-2001, 2001-2002, 2002-2003.
3. **Advanced Inorganic Chemistry** (Degree in Chemistry) in the academic year 1996-1997.
4. **Mathematics and Physics** (Physics Unit) (Degree in Scientific Information on Drugs) in the academic years 1998-1999 and 1999-2000.
5. **Mechanisms of Reaction in Inorganic Chemistry** (Degree in Chemistry) in the academic years: 1999-2000, 2000-2001, 2001-2002, 2002-2003, 2003-2004.
6. **General and Inorganic Chemistry** (Degree in Pharmacy) in the academic years: 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2019-2020, 2021-2022, 2022-2023, 2023-2024.
7. **Didactics of Chemistry** (Degree in Chemistry) in the academic years 2003-2004, 2004-2005, 2005-2006, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012.
8. **General and Inorganic Chemistry** (Degree in Scientific Information on Drugs and Toxicology) in the academic years 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010.
9. **Advanced Inorganic Chemistry** (Specialistic Degree in Advanced Chemical Methodologies) in the academic years 2003-2004, 2004-2005, 2005-2006, 2006-2007, and 2007-2008.
10. **Mechanisms of Reaction in Inorganic Chemistry** (Specialistic Degree in Advanced Chemical Methodologies) in the academic years 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008.
11. **General and Inorganic Chemistry** (Degree in Biotechnology) in the academic year 2006-2007.
12. **Advanced Didactics of Chemistry** (Interuniversity School of Specialization for teaching in School, Natural Sciences Curriculum) in the academic years 1999-2000, 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006.
13. **Inorganic Chemistry- I** (Degree in Chemistry) in the academic years 1996-1997 and 1997-1998.
14. **General and Inorganic Chemistry** (Degree in Paper Sciences and Technologies) in the academic years 1996-1997, 1997-1998, 1998-1999, 1999-2000, and 2000-2001.
15. **General and Inorganic Chemistry** (Science of Animal Production) in the academic year 2010-2011.
16. **Inorganic and Organometallic Biochemistry** (Specialistic Degree in Advanced Chemical Methodologies) in the academic years 2009-2010 and 2010-2011.
17. **La cultura dei materiali per l'innovazione** (Materials for innovation) in the IFTS course: **TECNICHE DI DISEGNO E PROGETTAZIONE INDUSTRIALE DESIGN CON MATERIALI ECO-COMPATIBILI NUOVE TECNOLOGIE E STAMPANTI 3D**.
18. Lectures at the MASTER: **Pericolosità dei prodotti in cemento-amianto o fibrocemento (5h) Sicurezza sul lavoro nei settori petrolifero e chimico (5h) Gestione rifiuti e protezione ambientale (5h), La sicurezza in ambiente sanitario (5h) in Diritto e processo penale della sicurezza sul lavoro.**
19. **General and Inorganic Chemistry (4 CFU)** (Degree in Gastronomic Sciences) in the academic years from 2018 to 2023.
20. **Elementi di Chimica (6 CFU) Tecnologie e Diagnostiche per i Beni culturali (2023-2024)**
21. Negli anni accademici dal 1996 al 2007 ha fatto parte della commissione di esame per l'insegnamento **RADIOCHIMICA** tenuto dal prof. Marcello Colapietro.

Actual Teachings

- a) **General and Inorganic Chemistry** (Degree in Farmacia): 6 CFU
- b) **General and Inorganic Chemistry** (Degree in Scienze Gastronomiche): 4 CFU
- c) **Elements of Chemistry** (Degree in Tecnologie e diagnostiche per beni culturali): 6 CFU

Teaching Staff

Teaching Staff period at the Universities of Sevilla, Paris, Strasbourg, Lisbon, Galati and Toulouse during which time Claudio pettinari did lessons of Mechanisms of Reactions In Inorganic Chemistry and performed seminars on Advanced Inorganic Chemistry. Seminars in Paris, Barcellona, Saragozza, Sevilla, Strasbourg, Galati, Univ. Delaware, Univ. South Carolina.

Tutor of degree theses

Tutor of more than 150 degree thesis since 1994 till now and tutor of 18 Ph.D thesis (6 in the last three years).

Supervisors of Doctoral Thesis

Master Organization:

Claudio Pettinari has coordinated for his university the introduction and development of dual MASTERS degree courses with great relevance European universities for all scientific courses and specifically he coordinated the agreement between Instituto Superior Tecnico de Lisboa and UNICAM for Chemistry and Jilin University and UNICAM for Biotechnology.

Activity carried out as Internationalization delegate:

- About new 80 MoU signed between University of Camerino and other International Universities and Research Centres
- 4 Specific protocols signed between University of Camerino and Catamarca, Belgrano, Santafe and Lisboa for double degree courses certifications.
- Increase of outgoing ERASMUS students' number from 35 to 120 (2006-2016)
- Increase of incoming ERASMUS students' number from 23 to 60 (2006-2016)
- 12 ERASMUS TS or ERASMUS+ KA2 projects approved.
- Increase of International students' number (from 230 in 2006 to ca 700 in 2016)
- More than 240 students mobilities funded thorough PAESI TERZI, COPINT and double Degree Mobilities Actions
- More than 120 students mobilities within ERASMUS trainership grants from 2014 to 2016
- 17 International Missions as member of official delegation + 25 international mission in Europe within ERASMUS/COST programs and analogous actions.
- Participation to 2 international projects funded by SEBRAE-Brasil

Other Activity

- PAPERWORLD Project funded by CARIFAC for research on Nanocellulose
- UNICAMONTAGNA project developed with Castelraimondo, Camerino and Matelica municipalities
- Agreements with AICU, COOSS, MARCHE SOLIDALI, GUS + other 20 no-profit organizations for research and higher education projects.

Scientific Dissemination Activity:

1. Chimica all'opera (Fabriano-2013, Camerino-2014)
2. Scienza&Arte (Ascoli 2014, Matelica 2015, Camerino 2016, Senigallia 2017, Camerino 2018, Rotella 2019, Camerino 2019 - Notte dei ricercatori)
3. Chimica e Sport, Scienza e Sport (Camerino 2012, San Severino 2014, Fermo 2017)
4. Chimica e Materiali (Camerino 2016, Fermo 2018, Campus Party Milano 2017, Civitanova 2018)
5. Chimica e Cibo, chimica e alimentazione (Camerino 2014, Recanati 2015, Fermo 2017 in Fermo)
6. Chimica e Astronomia (in Galassica, Macerata 2018)
7. La figura di Nazareno Strampelli (Castelraimondo 2016, Magliano Sabina 2016)
8. Donne nella scienza (Fano, Passaggi 2018)
9. Reazioni Teatrali (Camerino 2014)
10. Polymers (CLIL activities in Macerata province)
11. IN VINO VERITAS (Castelraimondo 2018)
12. La resilienza della città di Camerino e della sua Università (Verona 2017, Perugia-2017)
13. Chimica e Musica in Gloria Campaner per Camerino (Camerino 2018)
14. Scienza e Supereroi (Camerino, Aprile 2019)

15. Tra chimica e musica, Linguaggi a confronto (con Grazia di Michele e Moreno, Controra-Musicultura 2019)
16. Scienza e Supereroi (Fano, Passaggi 2019)
17. L'Europa degli scienziati (Fano, Passaggi 2019)
18. Dalla COCACOLA ALLA RAGNATELA DI SPIDERMAN: VIAGGIO ATTRAVERSO LA SCIENZA STRAORDINARIA (activity 2019 in Recanati, Fermo, Civitanova Marche, Porto Sant'Elpidio, Macerata, Tolentino, San Severino, Camerino, Foligno e Spoleto).
19. Scienza e Supereroi (Fermo, Fermhamente, 2019)
20. Cos'è veramente la ricerca oggi, Camerino 2019, Riunione CODAU Ricerca:
21. Il Grano Cappelli, un simbolo (MATERA, 26 nov 2019, Accademia dei Georgofili)
22. Scienza e Arte (e-TV, RECANATI, Nov. 2019)
23. Scienza e Fiabe (evento on-line, Aprile 2020)
24. Dantedi (Evento on line, Marzo 2021)
25. Scienza e Arte (Festival di Scienza e Filosofia, Foligno, aprile 2021)
26. Professione Chimico (eventi on line per le scuole febbraio-aprile 2021)
27. La Chimica per l'ambiente (Festival di Scienza e Filosofia, Foligno, aprile 2023)
28. Il rischio chimico (Fabriano – Camerino)
29. Chimica e Letteratura (Fano, Foligno, Senigallia, Fabriano – Camerino, 2022-2023)
30. Le affinità elettive (Spettacolo con testi scritti da Pettinari, messo in scena a Roma (Palladio), Teramo (università) e Camerino (università), a FOSFORO (Senigallia) e a Passaggi (FANO)

In the last three years Pettinari also participated in the organization of several events, some of them very relevant for the University of Camerino and the Marche community:

1. Il Bello di UNICAM 2018
2. Il Bello di UNICAM 2019
3. Il Bello di UNICAM 2020
4. Il Bello di UNICAM 2021
5. Il Bello di UNICAM 2022
6. Il Bello di UNICAM 2023
7. Festival della Paesologia
8. I Betti
9. UNICAMONTAGNA

Pettinari is also the curator of the exhibition: Scienza Sotto le Stelle (Passaggi- Fano, 2022-2023)

During the CRUI council participation Pettinari organized two National Meeting, the first dedicated Doctoral studies in Italy (Padova, march 2023) and the second to the Third mission strategies (Cagliari, October 2023).

List of publications of Claudio Pettinari (from Web of science)

1.	Title: Copper(I) derivatives of bis(azol-1-yl)alkanes Author(s): Bonati, F; Cingolani, A; Gioia Lobbia, G; Leonesi, D; Cingolani, A; Pettinari, C Source: GAZZETTA CHIMICA ITALIANA Volume: 120 Issue: 5 Pages: 341-345 Published: MAY 1990
2.	Title: Adduct formation or metalation from 1,2-bis(N-pyrazolyl)ethane and mercury (II) derivatives Author(s): Lorenzotti, A; Cecchi, P; Pettinari, C ; Leonesi, D; Bonati, F Source: GAZZETTA CHIMICA ITALIANA Volume: 121 Issue: 2 Pages: 89-91 Published: FEB 1991
3.	Title: Organotin(IV) polypyrazolylborates. 3. Tris(3,5-dimethylpyrazolyl)borates Author(s): Gioia Lobbia, G; Bonati, F; Cecchi, P; Lorenzotti, A; Pettinari, C Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 403 Issue: 3 Pages: 317-323 Published: FEB 19 1991
4.	Title: Organotin derivatives of 4-acyl-5-pyrazolones – Crystal structure of trans-di(tert-butyl)bis(1-phenyl-3-methyl-4benzoyl-pyrazolon-5-ato)tin(IV) Author(s): Pettinari, C ; Rapaiani, G; Gioia Lobbia, G; Lorenzotti, A; Bonati, F; Bovio, B Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 405 Issue: 1 Pages: 75-92 DOI: 10.1016/0022-328X(91)83158-Z Published: MAR 5 1991
5.	Title: Metal polypyrazolylborates. 4. Mercury derivatives Author(s): Gioia Lobbia, G; Bonati, F; Cecchi, P; Pettinari, C Source: GAZZETTA CHIMICA ITALIANA Volume: 121 Issue: 7 Pages: 355-358 Published: JUL 1991
6.	Title: Zinc and cadmium adducts of 2,2'-bis(pyrazol-1-yl)propane, (L-L), a sterically hindering ligand – Crystal structure of (L-L)Zn[OC(=O)CF₃]₂(H₂O) Author(s): Bovio, B; Cingolani, A; Pettinari, C ; GIOIA LOBBIA, G; BONATI, F Source: ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE Volume: 602 Issue: 11 Pages: 169-177 DOI: 10.1002/zaac.19916020118 Published: SEP 1991
7.	Title: Preparation of zinc and cadmium adducts of 1,2-bis(N-pyrazolyl)ethane and comparison with other bis(N-pyrazolyl)alkane derivatives of group 12 metals Author(s): Lorenzotti, A; Bonati, F; Cingolani, A; Leonesi, D; Pettinari, C Source: GAZZETTA CHIMICA ITALIANA Volume: 121 Issue: 12 Pages: 551-554 Published: DEC 1991
8.	Title: Tin(IV) and organotin(IV) adducts of 4-acyl-5-pyrazolones and germanium (IV) 4-acyl-5-pyrazolones Author(s): Pettinari, C ; Bonati, F; Cingolani, A; Gioia Lobbia, G; Marchetti, F Source: GAZZETTA CHIMICA ITALIANA Volume: 122 Issue: 7 Pages: 261-267 Published: JUL 1992
9.	Title: Synthesis and characterization of some tin(IV) and organotin(IV) derivatives of 1-phenyl-3-methyl-4-aryl-5-pyrazolones Author(s): Marchetti, F; Pettinari, C ; Cingolani, A; Leonesi, D Source: SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY Volume: 23 Issue: 9 Pages: 1485-1505 DOI: 10.1080/15533179308016701 Published: 1993
10.	Title: Tin(IV) and organotin(IV) complexes with heterocyclic beta-diketonates. 1. Bis-[4(1-Phenyl-3-methylpyrazol-5-one)]-dioxoalkane derivatives Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Leonesi, D; Gioia Lobbia, G; Lorenzotti, A Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 454 Issue: 1-2 Pages: 59-66 DOI: 10.1016/0022-328X(93)83223-I Published: JUL 27 1993
11.	Title: On the interaction between silver(I) compounds and various bis(pyrazol-1-yl)alkanes Author(s): Pettinari, C ; Lorenzotti, A; Cingolani, A; Leonesi, D; Marra, M; Marchetti, F Source: GAZZETTA CHIMICA ITALIANA Volume: 123 Issue: 9 Pages: 481-486 Published: SEP 1993
12.	Title: 1st-Row Transition and Group 12 and Group 14 metal bis[hydridotris(3A,7A-benzo-1,2,3-1H-triazol-1-yl)borate] derivatives Author(s): Cecchi, P; Gioia Lobbia, G; Leonesi, D; Pettinari, C ; Sepe, C; Vinciguerra, V Source: GAZZETTA CHIMICA ITALIANA Volume: 123 Issue: 10 Pages: 569-572 Published: OCT 1993
13.	Title: Tin(IV) and organotin(IV) complexes containing the anion of some substituted 3-methyl-4-acyl-5-pyrazolones. Crystal structure of dimethylbis(1-phenyl-3-methyl-4-benzoylpyrazolon-5-ato)tin(IV) Author(s): Bovio, B; Cingolani, A; Marchetti, F; Pettinari, C Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 458 Issue: 1-2 Pages: 39-48 DOI: 10.1016/0022-328X(93)80455-K Published: OCT 5 1993
14.	Title: Metal polypyrazolylborates. 6. Alkanethiolatomercury(II) and arenethiolatomercury(II) polypyrazolylborates Author(s): Gioia Lobbia, G; Cecchi, P; Bartolini, S; Pettinari, C ; Cingolani, A Source: GAZZETTA CHIMICA ITALIANA Volume: 123 Issue: 11 Pages: 641-646 Published: NOV 1993
15.	Title: Zinc and cadmium, and mercury derivatives of 1,2-bis(3,5-dimethylpyrazol-1-yl)ethane Author(s): Pettinari, C ; Marchetti, F; Lorenzotti, A; Gioia Lobbia, G; Leonesi, D; Cingolani, A Source: GAZZETTA CHIMICA ITALIANA Volume: 124 Issue: 1 Pages: 51-55 Published: JAN 1994
16.	Title: Synthesis and characterization of some tin(II) and tin(IV) derivatives of 4-acyl-5-pyrazolones- Crystal structure of bis(1-phenyl-3-methyl-4-acetyl-pyrazolon-5-ato)tin(II) Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Marciante, C; Spagna, R; Colapietro, M Source: POLYHEDRON Volume: 13 Issue: 6-7 Pages: 939-950 DOI: 10.1016/S0277-5387(00)83014-4 Published: MAR-APR 1994
17.	Title: Synthesis and characterization of some zinc, cadmium and mercury(II) derivatives of bis(4-

	methylpyrazol-1-yl)alkanes Author(s): Pettinari, C; Santini C; Leonesi, D; Cecchi, P Source: POLYHEDRON Volume: 13 Issue: 10 Pages: 1553-1562 DOI: 10.1016/S0277-5387(00)83450-6 Published: MAY 1994
18.	Title: Tin(IV) and organo(IV) complexes with heterocyclic beta-diketonates. 2. Bis-[4(3-methyl-1-phenylpyrazol-5-one)]1,N-(C=O)₂(CH₂)_n (n=5-8,10) Author(s): Pettinari, C; Marchetti, F; Gioia Lobbia, G; Cingolani, A Source: GAZZETTA CHIMICA ITALIANA Volume: 124 Issue: 7 Pages: 285-294 Published: JUL 1994
19.	Title: Synthesis, characterization and spectroscopic investigations of tin(IV) and organotin(IV) derivatives of 4-aryl-5-pyrazolones. Crystal structure of trans-dimethylbis[1-phenyl-3-methyl-4-(4-bromobenzoyl)-pyrazolon-5-ato]tin(IV) Author(s): Pettinari, C; Marchetti, F; Leonesi, D; Rossi, M; Caruso, F Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 483 Issue: 1-2 Pages: 123-137 DOI: 10.1016/0022-328X(94)87155-8 Published: DEC 13 1994
20.	Title: Synthesis and characterization of new heterometallic complexes containing 2 pyrazolide bridges Author(s): Pettinari, C Source: MAIN GROUP METAL CHEMISTRY Volume: 18 Issue: 4 Pages: 183-189 Published: 1995
21.	Title: Organotin(IV) polypyrazolylborates- 7. Hydridotris (3,4,5-trimethyl-1H-pyrazol-1-yl)borates. X-Ray Crystal structures of K[HB(3,4,5-Me₃pz)₃] and [HB(3,4,5-Me₃pz)₃SnMeCl₂] Author(s): Gioia Lobbia, G; Cecchi, P; Spagna, R; Colapietro, M; Pifferi, A; Pettinari, C Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 485 Issue: 1-2 Pages: 45-53 DOI: 10.1016/0022-328X(94)05003-T Published: JAN 11 1995
22.	Title: Synthesis, characterization and reactivity of coordination compounds of group-12 metals containing the N₂-donor ligands bis(3,4,5-trimethylpyrazol-1-yl)methane Author(s): Pettinari, C; Gioia Lobbia, G; Lorenzotti, A; Cingolani, A Source: POLYHEDRON Volume: 14 Issue: 6 Pages: 793-803 DOI: 10.1016/0277-5387(94)00297-R Published: MAR 1995
23.	Title: Synthesis and spectroscopic investigations (IR, NMR and Moessbauer) of tin(IV) and organotin(IV) derivatives of bis(4-methylpyrazol-1-yl)methane and its dimethyltin(IV) dichloride adduct. Author(s): Pettinari, C; Lorenzotti, A; Sclavi, G; Cingolani, A; Rivarola, E; Colapietro, M; Cassetta, A Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 496 Issue: 1 Pages: 69-85 DOI: 10.1016/0022-328X(95)05445-U Published: JUN 28 1995
24.	Title: Synthesis and characterization of derivatives of copper(I) with N-donor ligands. 1. Azole and bis(azolyl)alkane compounds – Crystal structure of nitrate bis(tri-p-tolylphosphine)copper(I) Author(s): Pettinari, C; Gioia Lobbia, G; Sclavi G; Leonesi, D; Colapietro, M; Portalone, G Source: POLYHEDRON Volume: 14 Issue: 13-14 Pages: 1709-1723 DOI: 10.1016/0277-5387(94)00468-T Published: JUL 1995
25.	Title: Synthesis and characterization of copper(II) derivatives with nitrogen-donor ligands. 2. Dihydridobis(1H-pyrazol-1-yl)borate and tetrakis(1H-pyrazolyl-1-yl)borate – The X-ray crystal structure of [pz₂B-(μ-pz)₂-Cu(PPh₃)₂] Author(s): Cecchi, P; Bovio, B; Gioia Lobbia, G; Pettinari, C; Leonesi, D. Source: POLYHEDRON Volume: 14 Issue: 17-18 Pages: 2441-2449 DOI: 10.1016/0277-5387(95)00068-4 Published: AUG 1995
26.	Title: Synthesis and spectroscopic characterization of tin(IV) and organotin(IV) derivatives of bis(azol-1-yl)methanes Author(s): Pettinari, C Source: MAIN GROUP METAL CHEMISTRY Volume: 19 Issue: 8 Pages: 489-498 Published: 1996
27.	Title: Coordination compounds derived from group 5-14 metal salts and 2,2'-bis(pyrazol-1-yl)propane (L-L). X-ray crystal structure determination of the adducts [(L-L)ZnBr₂] and [(L-L)ZnI₂] Author(s): Pettinari, C; Cingolani, A; Bovio, B Source: POLYHEDRON Volume: 15 Issue: 1 Pages: 115-126 DOI: 10.1016/0277-5387(95)00112-6 Published: JAN 1996
28.	Title: Synthesis and characterization of copper(I) and copper(II) coordination compounds containing 4-acylpyrazolon-5-ato ligands. Crystal structure of [(4-trifluoroacetyl-1-phenyl-3-methylpyrazolon-5-ato)bis(triphenylphosphine)copper(I)] Author(s): Marchetti, F; Pettinari, C; Cingolani, A; Leonesi, D; Camalli, M; Pifferi, A. Source: POLYHEDRON Volume: 15 Issue: 21 Pages: 3835-3849 DOI: 10.1016/0277-5387(96)00104-0 Published: 1996
29.	Title: Synthesis and characterization of copper(I) derivatives with N-donor ligands .3. Hydridotris(1H-prazol-1-yl)borate. The X-ray crystal structure of [HB-(μ-pz)₃-Cu(PPh₃)₃] Author(s): Lobbia, GG; Pettinari, C; Marchetti, F; Bovio, B; Cecchi, P. Source: POLYHEDRON Volume: 15 Issue: 5-6 Pages: 881-890 Published: MAR 1996
30.	Title: Tin(IV) and organotin(IV) complexes containing mono or bidentate N-donor ligands .1. 1-Benzylimidazole derivatives Author(s): Pettinari, C; Marchetti, F; Cingolani, A; Bartolini, S. Source: POLYHEDRON Volume: 15 Issue: 8 Pages: 1263-1276 DOI: 10.1016/0277-5387(95)00384-3 Published: APR 1996
31.	Title: Tin(IV) and organotin(IV) complexes containing mono or bidentate N-donor ligands .2. 4-phenylimidazole derivatives. Crystal and molecular structure of [bis(4-phenylimidazole)trimethyltin(IV)]chloride Author(s): Pettinari, C; Marchetti, F; Pellei, M; Cingolani, A; Barba, L; Cassetta, A.

	Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 515 Issue: 1-2 Pages: 119-130 DOI: 10.1016/0022-328X(95)06054-Z Published: MAY 31 1996
32.	Title: Triorganotin(IV) derivatives of several 4-acyl-5-pyrazolonato ligands: Synthesis, spectroscopic characterization and behavior in solution Crystal structure of aquotrimethyl(4-p-methoxybenzoyl-1-phenyl-3-methyl-pyrazolon-5-ato)tin(IV) Author(s): Marchetti, F; Pettinari, C ; Cingolani, A; Lobbia, GG; Cassetta, A; Barba, L. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 517 Issue: 1-2 Pages: 141-154 DOI: 10.1016/0022-328X(96)06170-0 Published: JUN 28 1996
33.	Title: Tin(IV) and organotin(IV) derivatives of anionic 4-acyl-5-pyrazolonato ligands: Synthesis, spectroscopic characterization (IR, far-IR, Sn-119 Mossbauer, H-1, C-13 and Sn-119 NMR) and behavior in solution - Crystal and molecular structure of trans-diphenylbis[1-phenyl-methyl-4-(bromobenzoyl)-pyrazolon-5-ato]tin(IV) Author(s): Caruso, F; Leonesi, D; Marchetti, F; Rivarola, E; Rossi, M; Tomov, V; Pettinari, C . Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 519 Issue: 1-2 Pages: 29-44 DOI: 10.1016/S0022-328X(96)06178-5 Published: JUL 26 1996
34.	Title: Synthesis and spectroscopic characterization of new Cu(I) complexes containing triaryl-, tricycloalkylphosphines and heterocyclic anionic or neutral N-donor ligands. Crystal and molecular structure of [(Cy₃P)₂(pzH)Cu]ClO₄.CH₃OH (Cy = cyclohexyl, pzH = pyrazole) Author(s): Pettinari, C ; Marchetti, F; Polimante, R; Cingolani, A; Portalone, G; Colapietro, M. Source: INORGANICA CHIMICA ACTA Volume: 249 Issue: 2 Pages: 215-229 DOI: 10.1016/0020-1693(96)05101-8 Published: AUG 15 1996
35.	Title: Synthesis and characterization of copper(I) derivatives with N-donor ligands .4. Poly(1H-pyrazol-1-yl)borates cyclohexylphosphine Cu^I, the X-ray crystal structures of [HB-(μ-pz)₃-CuPCy₃] and [HB-(μ-3,5 Me₂pz)₃-CuPCy₃] Author(s): Gioia Lobbia, G; Pettinari, C ; Santini, C; Colapietro, M; Cecchi, P. Source: POLYHEDRON Volume: 16 Issue: 2 Pages: 207-215 DOI: 10.1016/0277-5387(96)00284-7 Published: 1997
36.	Title: First-row transition and group 12 element bis {poly[4-methyl-1H-pyrazol-1-ylborate]} derivatives. X-ray crystal structure of Zn[HB(4-Mepz)₃]₂.CHCl₃ Author(s): Gioia Lobbia, G; Bovio, B; Santini, C; Pettinari, C ; Marchetti, F. Source: POLYHEDRON Volume: 16 Issue: 4 Pages: 671-680 Published: 1997
37.	Title: Zinc(II), cadmium(II) and mercury(II) derivatives of bis(4-halopyrazol-1-yl) alkanes: synthesis, spectroscopic characterization and behaviour in solution Author(s): Pettinari, C ; Lorenzotti, A; Pellei, M; Santini, C. Source: POLYHEDRON Volume: 16 Issue: 19 Pages: 3435-3445 DOI: 10.1016/S0277-5387(97)00089-2 Published: 1997
38.	Title: Tin(IV) and organotin(IV) derivatives of novel beta-diketones .1. Dialkyltin(IV) complexes of 1-phenyl-3-methyl-4-R'(C=O)-pyrazol-5-one (R'=CCl₃, O-CH₃, O-C₂H₅, O-i-C₃H₇, O-C₇H₇). Crystal and molecular structure of trans-dimethylbis[1-phenyl-3-methyl-4-i-propoxycarbonyl-pyrazolon-5-ato]tin(IV) Author(s): Pettinari, C ; Marchetti, F; Gregori, A; Cingolani, A; Tanski, J; Rossi, M; Caruso, F. Source: INORGANICA CHIMICA ACTA Volume: 257 Issue: 1 Pages: 37-48 DOI: 10.1016/S0020-1693(96)05437-0 Published: APR 1 1997
39.	Title: Tin(IV) and organotin(IV) derivatives of novel beta-diketones .2. Mono- and diaryltin(IV) complexes of 1-phenyl-3-methyl-4-R(C=O)-pyrazol-5-one (R=CCl₃, OCH₃, OC₂H₅). Crystal and molecular structure of trans-dibenzylbis(1-phenyl-3-methyl-4-methoxycarbonyl-pyrazolon-5-ato)tin(IV), (C₇H₇)₂Sn(Q^(OMe))₂ Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Lorenzotti, A; Mundorff, E; Rossi, M; Caruso, F. Source: INORGANICA CHIMICA ACTA Volume: 262 Issue: 1 Pages: 33-46 DOI: 10.1016/S0020-1693(97)05500-X Published: SEP 30 1997
40.	Title: The molecular structure of a 4-acyl-5-pyrazolon titanium tetramer, a potential antitumor species Author(s): Caruso, F; Cingolani, A; Pettinari, C ; Sariego, R; Sartori, R; Tanski, J; Rossi, M. Source: ANNALS OF ONCOLOGY Volume: 9 Supplement: 2 Pages: 33-33 Meeting Abstract: 127 Published: 1998
41.	Title: Tris (4-bromo-1H-pyrazol-1-yl)borato derivatives of first-row transition and group 12 and 14 metals. X-ray crystal structure of [HB(4-Brpz)₃]₂Cd. Cd-113 solution NMR study of bis[poly(pyrazolyl)borato] cadmium complexes Author(s): Lobbia, GG; Bovio, B; Santini, C; Cecchi, P; Pettinari, C ; Marchetti, F. Source: POLYHEDRON Volume: 17 Issue: 1 Pages: 17-26 DOI: 10.1016/S0277-5387(97)00271-4 Published: 1998
42.	Title: Tin(IV) and organotin(IV) complexes containing mono or bidentate N-donor ligands - IV. 2-methyl, 2-isopropyl- and 4-methyl-imidazole derivatives: synthesis, characterization and behaviour in solution Author(s): Pettinari, C ; Pellei, M; Marchetti, F; Santini, C; Miliani, M. Source: POLYHEDRON Volume: 17 Issue: 4 Pages: 561-576 DOI: 10.1016/S0277-5387(97)00330-6 Published: 1998
43.	Title: Ligation properties of N-substituted imidazoles: synthesis, spectroscopic and structural investigation, and behaviour in solution of zinc(II) and cadmium(II) complexes Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Troyanov, SI; Drozdov, A. Source: POLYHEDRON Volume: 17 Issue: 10 Pages: 1677-1691 DOI: 10.1016/S0277-5387(97)00455-5 Published: 1998
44.	Title: Silver(I) and gold(I) complexes of hydrotris(3,5-dimethylpyrazol-1-yl)borate: synthesis, spectroscopic and structural characterization, and reactivity toward C-, N- and S-donor ligands Author(s): Santini, C; Pettinari, C ; Lobbia, GG; Leonesi, D; Valle, G; Calogero, S.

	Source: POLYHEDRON Volume: 17 Issue: 18 Pages: 3201-3210 DOI: 10.1016/S0277-5387(98)00092-8 Published: 1998
45.	Title: Coordination compounds derived from first-row transition metal salts. Synthesis, analytical, spectroscopic and structural characterization. Crystal structure of [bis(3,4,5-trimethylpyrazol-1-yl)methane]ZnBr₂] Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Leonesi, D; Colapietro, M; Margadonna, S. Source: POLYHEDRON Volume: 17 Issue: 23-24 Pages: 4145-4154 DOI: 10.1016/S0277-5387(98)00222-8 Published: 1998
46.	Title: Tin(IV) and organotin(IV) complexes containing mono or bidentate N-donor ligands. V. Imidazole and imidazoline-2-thione derivatives: synthesis and spectroscopic characterization. Comparison with other imidazole tin(IV) complexes Author(s): Pettinari, C ; Pellei, M; Santini, C; Natali, I; Accorroni, F; Lorenzotti, A. Source: POLYHEDRON Volume: 17 Issue: 25-26 Pages: 4487-4496 DOI: 10.1016/S0277-5387(98)00255-1 Published: 1998
47.	Title: Tin(IV) and organotin(IV) complexes containing mono or bidentate N-donor ligands - III. 1-methylimidazole derivatives: synthesis, spectroscopic and structural characterization Author(s): Pettinari, C ; Pellei, M; Miliani, M; Cingolani, A; Cassetta, A; Barba, L; Pifferi, A; Rivarola, E. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 553 Issue: 1-2 Pages: 345-369 DOI: 10.1016/S0022-328X(97)00606-2 Published: FEB 25 1998
48.	Title: Syntheses and spectroscopic and structural characterization of silver(I) complexes containing tertiary phosphines and hydrotris(pyrazol-1-yl)-, hydrotris(4-bromopyrazol-1-yl)-, hydrotris(3,5-dimethylpyrazol-1-yl)-, and hydrotris(3-methyl-2-thioxo-1-imidazolyl)borates Author(s): Santini, C; Gioia Lobbia, G; Pettinari, C ; Pellei, M; Valle, G; Calogero, S. Source: INORGANIC CHEMISTRY Volume: 37 Issue: 5 Pages: 890-900 DOI: 10.1021/ic9707624 Published: MAR 9 1998
49.	Title: Tin(IV) and organotin(IV) derivatives of novel beta-diketones. III - Diorgano- and dihalotin(IV) complexes of 1,3-dimethyl-4-R(C=O)-pyrazol-5-one (R=CH₃, C₆H₅) and the crystal structure of trans-dicyclohexylbis(1,3-dimethyl-4-acetylpyrazolon-5-ato)tin(IV) Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Leonesi, D; Mundorff, E; Rossi, M; Caruso, F. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 557 Issue: 2 Pages: 187-205 DOI: 10.1016/S0022-328X(97)00680-3 Published: APR 30 1998
50.	Title: The molecular structure of trans-dimethyl-bis-[1-phenyl-3-methyl-4-trichloroacetyl-pyrazolon-5-ato]tin(IV), a species that undergoes C-C bond cleavage Author(s): Marchetti, F; Pettinari, C ; Rossi, M; Caruso, F. Source: MAIN GROUP METAL CHEMISTRY Volume: 21 Issue: 5 Pages: 255-259 Published: MAY 1998
51.	Title: Variable co-ordination numbers in 1 : 1 adducts of silver(I) tetrakis(pyrazolyl)borates with tertiary phosphines Author(s): Effendy; Gioia Lobbia, G; Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 16 Pages: 2739-2748 DOI: 10.1039/a802811g Published: AUG 21 1998
52.	Title: (1-phenyl-3-methyl-4-acetylpyrazolon-5-ato)rhodium(I) complexes, synthesis, structural and spectroscopic characterization. Reactivity of diolefin- and dicarbonyl-rhodium complexes toward N-, P- and O-donors Author(s): Pettinari, C ; Accorroni, F; Cingolani, A; Marchetti, F; Cassetta, A; Barba, L. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 566 Issue: 1-2 Pages: 187-201 DOI: 10.1016/S0022-328X(98)00692-5 Published: SEP 15 1998
53.	Title: Copper and calcium complexes with the anionic O-2-donor 4-tert-butylacetyl-3-methyl-1-phenylpyrazol-5-onato (Q⁻). Influence of hydrogen-bond interactions on lattice architecture in the crystal structures of [CuQ₂(H₂O)] and [CaQ₂(EtOH)₂] Author(s): Marchetti, F; Pettinari, C ; Cingolani, A; Leonesi, D; Drozdov, A; Troyanov, SI. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 19 Pages: 3325-3333 DOI: 10.1039/a804768e Published: OCT 7 1998
54.	Title: Heteropolymetallic compounds containing 1,1'-bis(diphenylphosphino)ferrocene (DPPF) and pyrazolate ligands: synthesis, spectroscopic characterization and reactivity. Crystal and molecular structure of [(DPPF)Pt(az)₂] [azH = pyrazole (pzH) or 3,5-dimethylpyrazole] and [(DPPF)Pt(μ-pz)₂CdI₂] Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Troyanov, SI; Drozdov, A. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 19 Pages: 3335-3342 DOI: 10.1039/a805432k Published: OCT 7 1998
55.	Title: Coordination chemistry of the sterically hindered N-3-donor hydrotris(3,5-diphenylpyrazol-1-yl)borate toward silver(I) triorganophosphino compounds. Synthesis, structural and spectroscopic characterization Author(s): Santini, C; Gioia Lobbia, G; Pellei, M; Pettinari, C ; Valle, G; Calogero, S. Source: INORGANICA CHIMICA ACTA Volume: 282 Issue: 1 Pages: 1-9 DOI: 10.1016/S0020-1693(98)00179-0 Published: NOV 10 1998
56.	Title: Synthesis, characterization and crystal structure of new copper(II) complexes with tris- and tetrakis-(pyrazol-1-yl)borate ligands Author(s): Santini, C; Pettinari, C ; Pellei, M; Lobbia, GG; Pifferi, A; Camalli, M; Mele, A Source: POLYHEDRON Volume: 18 Issue: 17 Pages: 2255-2263 DOI: 10.1016/S0277-5387(99)00111-4 Published: 1999
57.	Title: Synthesis and structural systematics of mixed triphenylphosphine/imidazole base adducts of silver(I) oxyanion salts Author(s): Cingolani, A; Effendy; Marchetti, F; Pettinari, C ; Skelton, BW; White, AH.

	Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 22 Pages: 4047-4055 DOI: 10.1039/a906624a Published: 1999
58.	Title: Organotin(IV) derivatives of imidazoles, pyrazoles and related pyrazolyl and imidazolyl ligands Author(s): Pettinari, C Source: MAIN GROUP METAL CHEMISTRY Volume: 22 Issue: 11 Pages: 661-692 Published: 1999
59.	Title: Synthesis and characterization of derivatives of copper(I) with N- and S-donor ligands - V. Imidazole and imidazoline-2(3H)-thione derivatives Author(s): Pettinari, C ; Pettinari, R; Pellei, M; Gioia Lobbia, G. Source: POLYHEDRON Volume: 18 Issue: 14 Pages: 1941-1951 DOI: 10.1016/S0277-5387(99)00089-3 Published: 1999
60.	Title: Group 12 metal complexes of tetradentate N₂O₂-Schiff-base ligands incorporating pyrazole - Synthesis, characterisation and reactivity toward S-donors, N-donors, copper and tin acceptors Author(s): Marchetti, F; Pettinari, C ; Pettinari, R; Cingolani, A; Leonesi, D; Lorenzotti, A. Source: POLYHEDRON Volume: 18 Issue: 23 Pages: 3041-3050 DOI: 10.1016/S0277-5387(99)00230-2 Published: 1999
61.	Title: New phosphino silver(I) derivatives of hydrotris(3-methyl-2-thioxo-1-imidazolyl)borate. X-ray crystal structure of tricyclohexylphosphine-silver(I)-hydrotris(3-methyl-2-thioxo-1-imidazolyl)borate Author(s): Santini, C; Pettinari, C ; Gioia Lobbia, G; Spagna, R; Pellei, M; Vallorani, F Source: INORGANICA CHIMICA ACTA Volume: 285 Issue: 1 Pages: 81-88 DOI: 10.1016/S0020-1693(98)00323-5 Published: FEB 2 1999
62.	Title: Synthesis and structural investigations of novel palladium(II) and rhodium(I) complexes containing chiral ligands with a stereogenic sulfur donor, such as beta-amino sulfoxides and C-2-symmetric bis-sulfoxides Author(s): Pettinari, C ; Pellei, M; Cavicchio, G; Crucianelli, M; Panzeri, W; Colapietro, M; Cassetta, A. Source: ORGANOMETALLICS Volume: 18 Issue: 4 Pages: 555-563 DOI: 10.1021/om9808460 Published: FEB 15 1999
63.	Title: New co-ordination compounds derived from barium(II) and the anionic 4-tert-butylacetyl-3-methyl-1-phenylpyrazol-5-onate ligand (Q⁻). Crystal and molecular structure of [Ba₂Q₄(H₂O)₄], [Ba₂Q₄(Him)₄], [BaQ₂(tetraglyme)] (tetraglyme=2,5,8,11,14-pentaoxapentadecane) and [BaQ₂(phen)₂] Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Leonesi, D; Troyanov, S; Drozdov, A. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 10 Pages: 1555-1562 DOI: 10.1039/a900463g Published: MAY 21 1999
64.	Title: Tin(IV) and organotin(IV) derivatives of novel beta-diketones - Part IV. Triorganotin(IV) complexes of fluorinated 4-acyl-5-pyrazolones. Crystal structure of (1-(4-trifluoromethylphenyl)-3-methyl-4-acetylpyrazolon-5-ato)-triphenyltin(IV) Author(s): Marchetti, F; Pettinari, C ; Cingolani, A; Brocanelli, L; Rossi, M; Caruso, F. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 580 Issue: 2 Pages: 344-353 DOI: 10.1016/S0022-328X(98)01173-5 Published: MAY 31 1999
65.	Title: An unusual configuration for a bis(4-acylpyrazolon-5-ate)diorganotin species Author(s): Caruso, F; Rossi, M; Marchetti, F; Pettinari, C . Source: ORGANOMETALLICS Volume: 18 Issue: 12 Pages: 2398-2400 DOI: 10.1021/om990170o Published: JUN 7 1999
66.	Title: New volatile heterocyclic metal diketonates for MOCVD Author(s): Drozdov, A; Troyanov, S; Fedorchenko, O; Battiston, G; Pettinari, C ; Marchetti, F; Cingolani, A. Conference: 12th European Conference on Chemical Vapour Deposition Location: BARCELONA, SPAIN Date: SEP 05-10, 1999 Sponsor(s): Elect Soc; Gen Catalunya Dept Presidencia Comm Univ Recerca; ICMAB; CSIC; ISCAR New Line; INORGTECH; CND Source: JOURNAL DE PHYSIQUE IV Volume: 9 Issue: P8 Pages: 929-934 DOI: 10.1051/jp4:19998117 Part: Part 2 Published: SEP 1999
67.	Title: Synthesis, spectroscopic, and X-ray diffraction structural studies of tin(IV) derivatives with tris(pyrazol-1-yl)methanes Author(s): Pettinari, C ; Pellei, M; Cingolani, A; Martini, D; Drozdov, A; Troyanov, S; Panzeri, W; Mele, A. Source: INORGANIC CHEMISTRY Volume: 38 Issue: 25 Pages: 5777-5787 DOI: 10.1021/ic9906252 Published: DEC 13 1999
68.	Title: Unexpected synthesis of (bis(diphenylphosphinoyl)ethane)center dot 2(2,2-dihydroperoxypropane) 1 : 2 adduct: a new route to stable organic dihydroperoxides Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Drozdov, A; Troyanov, S. Source: CHEMICAL COMMUNICATIONS Issue: 19 Pages: 1901-1902 DOI: 10.1039/b005221n Published: 2000
69.	Title: On the interaction between imidazoles and zinc salts. The role of counterions and of substituents Author(s): Pellei, M; Pettinari, C ; Cingolani, A; Lacché, A. Source: MAIN GROUP METAL CHEMISTRY Volume: 23 Issue: 11 Pages: 673-682 Published: 2000
70.	Title: Novel bis(acylpyrazolonato)cadmium(II) derivatives and their reactivity toward aromatic and aliphatic N-2-donor ligands Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Pettinari, R; Troyanov, SI; Drozdov, A. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 5 Pages: 831-836 DOI: 10.1039/a908913f Published: 2000
71.	Title: Solution and solid-state structural properties of silver(I) dihydrobis(pyrazolyl)borate compounds with tertiary mono(phosphine) ligands Author(s): Effendy; Gioia Lobbia, G; Pellei, M; Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 13 Pages: 2123-2129 DOI: 10.1039/b0011681 Published: 2000

72.	Title: Synthesis, spectroscopic characterization, and structural systematics of new triorganophosphinecopper(I) poly(pyrazol-1-yl)borate complexes Author(s): Pellei, M; Pettinari, C ; Santini, C; Skelton, BW; Somers, N; White, AH. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 19 Pages: 3416-3424 DOI: 10.1039/b003613g Published: 2000
73.	Title: Synthesis, structural and spectroscopic characterization of new silver(I) poly(pyrazolyl)borate complexes containing isonitrile ligands Author(s): Effendy; Gioia Lobbia, G; Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 298 Issue: 2 Pages: 146-153 Published: FEB 15 2000
74.	Title: The synthesis of substituted 7,7 '-bis-indolizines via 1,3-dipolar cycloaddition under microwave irradiation Author(s): Dinica, RM; Druta, II; Pettinari, C Source: SYNLETT Issue: 7 Pages: 1013-1015 Published: JUL 2000
75.	Title: On the interaction of acylpyrazolonates with zinc(II) acceptors: the role of ancillary ligands Author(s): Marchetti, F; Pettinari, C ; Pettinari, R; Arriva, D; Troyanov, S; Drozdov, A. Source: INORGANICA CHIMICA ACTA Volume: 307 Issue: 1-2 Pages: 97-105 DOI: 10.1016/S0020-1693(00)00203-6 Published: SEP 11 2000
76.	Title: Influence of sterically demanding groups on the structure and stability in the solid and solution state of (acyl)pyrazolonate)bis(phosphine)copper(I) derivatives Author(s): Marchetti, F; Pettinari, C ; Pettinari, R; Cingolani, A; Camalli, M; Spagna, R Source: INORGANICA CHIMICA ACTA Volume: 299 Issue: 1 Pages: 65-79 DOI: 10.1016/S0020-1693(99)00463-6
77.	Title: Synthesis, structure, and antitumor activity of a novel tetranuclear titanium complex Author(s): Caruso, F; Rossi, M; Tanski, J; Sartori, R; Sariego, R; Moya, S; Diez, S; Navarrete, E; Cingolani, A; Marchetti, F; Pettinari, C . Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 43 Issue: 20 Pages: 3665-3670 DOI: 10.1021/jm990539b Published: OCT 5 2000
78.	Title: Synthesis, characterization and X-ray structural studies of novel dinuclear silver(I) complexes of poly(azolyl)borate ligands Author(s): Effendy; Gioia Lobbia, G; Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 308 Issue: 1-2 Pages: 65-72 Published: OCT 20 2000
79.	Title: On the interaction between imidazoles and cadmium salts. Comparison between cadmium and zinc complexes of imidazoles Author(s): Pellei, M; Pettinari, C Source: MAIN GROUP METAL CHEMISTRY Volume: 24 Issue: 1 Pages: 43-52 Published: 2001
80.	Title: Interaction of diorganotin(IV) derivatives of azoles with nucleotides. Aqueous and solid-state coordination chemistry of [R₂SnX₂(N₂-donor)] species with nucleotides Author(s): Pettinari, C ; Marchetti, F; Li, QS Source: MAIN GROUP METAL CHEMISTRY Volume: 24 Issue: 1 Pages: 53-59 Published: 2001
81.	Title: Synthesis of substituted 7,7 '-bis-indolizines via 1,3-dipolar cycloaddition under microwave irradiation Author(s): Dinica, RM; Pettinari, C Source: HETEROCYCLIC COMMUNICATIONS Volume: 7 Issue: 4 Pages: 381-386 Published: 2001
82.	Title: Bridged poly(1-imidazolyl)borate silver(I) complexes containing tertiary mono(phosphine) ligands. The first structurally authenticated bis(imidazolyl)borate metal complex Author(s): Effendy; Gioia Lobbia, G; Pellei, Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 5 Pages: 528-534 DOI: 10.1039/b008135n Published: 2001
83.	Title: The interaction of organotin(IV) acceptors with a benzoic acid containing two pyrazolone groups Author(s): Pettinari, C ; Marchetti, F; Pettinari, R; Martini, D; Drozdov, A; Troyanov, S. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 11 Pages: 1790-1797 DOI: 10.1039/b100988p Published: 2001
84.	Title: Organotin(IV) derivatives containing bis(diphenylphosphine)- and bis(diphenylphosphineoxo)alkanes Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Pettinari, R; Drozdov, A; Troyanov, S. Source: INORGANICA CHIMICA ACTA Volume: 312 Issue: 1-2 Pages: 125-132 DOI: 10.1016/S0020-1693(00)00358-3 Published: JAN 29 2001
85.	Title: Structure and volatility of copper complexes containing pyrazolyl-based ligands Author(s): Pettinari, C ; Marchetti, F; Santini, C; Pettinari, R; Drozdov, A; Troyanov, S; Battiston, GA; Gerbasi, R. Source: INORGANICA CHIMICA ACTA Volume: 315 Issue: 1 Pages: 88-95 DOI: 10.1016/S0020-1693(01)00330-9 Published: APR 16 2001
86.	Title: Solution and solid-state structural properties of silver(I) poly(pyrazolyl)borate compounds with bidentate diphosphines Author(s): Effendy; Gioia Lobbia, G; Pellei, M; Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 315 Issue: 2 Pages: 153-162 Published: APR 27 2001
87.	Title: Syndiotactic CO/Styrene copolymerization catalyzed by alpha-diimine Pd(II) complexes: Regio- and stereochemical control Author(s): Carfagna, C; Gatti, G; Martini, D; Pettinari, C . Source: ORGANOMETALLICS Volume: 20 Issue: 11 Pages: 2175-2182 DOI: 10.1021/om000971n Published: MAY 28 2001

88.	Title: Interaction of Rh(I) with a new polydentate O₄,N-donor pyrazolone able to form mononuclear, dinuclear and heterobimetallic compounds Author(s): Pettinari, C ; Marchetti, F; Drozdov, A; Vertlib, V; Troyanov, S. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 4 Issue: 6 Pages: 290-293 DOI: 10.1016/S1387-7003(01)00187-3 Published: JUN 2001
89.	Title: Synthesis, reactivity and solid-state structural studies of new phosphino copper(I) derivatives of hydrotris(3-methyl-2-thioxo-1-imidazolyl)borate Author(s): Gioia Lobbia, G; Pettinari, C ; Santini, C; Somers, N; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 319 Issue: 1-2 Pages: 15-22 Published: JUL 16 2001
90.	Title: New volatile polyazolyborates of copper(I) for MOCVD Author(s): Drozdov, A; Troyanov, SI; Pettinari, C ; Marchetti, F; Santini, C; Pettinari, R; Battiston, GA; Gerbasi, R. Conference: 13th European Conference on Chemical Vapor Deposition (EUROCV D 13) Location: GLYFADA, GREECE Date: AUG 26-31, 2001 Source: JOURNAL DE PHYSIQUE IV Volume: 11 Issue: PR3 Pages: 585-592 Published: AUG 2001
91.	Title: Syn-anti Conversion in octahedral bis(beta-diketonato)diorganotin(IV) derivatives containing fluorinated 4-acyl-5-pyrazolonato donors Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Gindulyte, A; Massa, L; Rossi, M; Caruso, F. Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 8 Pages: 2171-2180 Published: AUG 2001
92.	Title: Copper(I) and silver(I) azide complexes containing N-donor ligands Author(s): Pettinari, C Source: POLYHEDRON Volume: 20 Issue: 21 Pages: 2755-2763 DOI: 10.1016/S0277-5387(01)00895-6 Published: SEP 30 2001
93.	Title: Synthesis and characterization of the first poly(imidazolyl)borate organotin(IV) complex exhibiting a polymeric chain structure Author(s): Pellei, A; Pettinari, C ; Gioia Lobbia, G; Santini, C; Drozdov, A; Troyanov, S. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 4 Issue: 12 Pages: 708-711 Published: DEC 2001
94.	Title: The reactivity of hydrotris(3-methyl-2-thioxo-1-imidazolyl)borate (Tm) towards organotin(IV) acceptors. An unprecedented monodentate coordination mode of Tm ligand Author(s): Santini, C; Pellei, M; Gioia Lobbia, G; Pettinari, C ; Drozdov, A; Troyanov, S. Source: INORGANICA CHIMICA ACTA Volume: 325 Issue: 1-2 Pages: 20-28 DOI: 10.1016/S0020-1693(01)00640-5 Published: DEC 3 2001
95.	Title: Synthesis and characterisation of tin(IV) and organotin(IV) derivatives 2-[(2-hydroxyphenyl)imino]methyl}phenol Author(s): Pettinari, C ; Marchetti, F; Pettinari, R; Martini, D; Drozdov, A; Troyanov, S. Source: INORGANICA CHIMICA ACTA Volume: 325 Issue: 1-2 Pages: 103-114 DOI: 10.1016/S0020-1693(01)00654-5 Published: DEC 3 2001
96.	Title: Coordination chemistry of bis(pyrazolones): a rational design of nuclearity tailored polynuclear complexes. Part 2. The interaction of organotin(IV) acceptors with 1,4-bis(5-hydroxy-1-phenyl-3-methyl-1H-pyrazol-4-yl)butane-1,4-dione Author(s): Pettinari, C ; Marchetti, F; Pettinari, R; Cingolani, A; Drozdov, A; Troyanov, S. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 2 Pages: 188-194 DOI: 10.1039/b106665j Published: 2002
97.	Title: Copper(I) coordination polymers and mononuclear copper(I) complexes built from poly(1,2,4-triazolyl)borate ligands and tri-organophosphines Author(s): Gioia Lobbia, G; Pellei, M; Pettinari, C ; Santini, C; Skelton, BW; Somers, N; White, AH. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 11 Pages: 2333-2340 DOI: 10.1039/b200200k Published: 2002
98.	Title: A new family of ionic dinuclear strontium (imH₂)₂[Sr₂(Q)₆] compounds (imH = imidazole; QH = 1-phenyl-3-methyl-4-acylpyrazol-5-one) Author(s): Marchetti, F; Pettinari, C ; Pettinari, R; Cingolani, A; Drozdov, A; Troyanov, S. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 13 Pages: 2616-2623 DOI: 10.1039/b200189f Published: 2002
99.	Title: Silver derivatives of tris(pyrazol-1-yl)methanes. A silver(I) nitrate complex containing a tris(pyrazolyl)methane coordinated in a bridging mode Author(s): Cingolani, A; Effendy; Martini, D; Pellei, M; Pettinari, C ; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 328 Pages: 87-95 DOI: 10.1016/S0020-1693(01)00690-9 Published: JAN 30 2002
100.	Title: Organotin(IV) derivatives of novel beta-diketones - Part V. Synthesis and characterization of di- and triorganotin(IV) derivatives of 4-acyl-5-pyrazolones modified in position 3 of the pyrazole. Crystal structure of (1,3-diphenyl-4-benzoyl-pyrazolon-5-ato)triphenyltin(IV) Author(s): Marchetti, F; Pettinari, C ; Cingolani, A; Pettinari, R; Rossi, M; Caruso, F. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 645 Issue: 1-2 Pages: 134-145 Article Number: PII S0022-328X(01)01333-X DOI: 10.1016/S0022-328X(01)01333-X Published: FEB 15 2002
101.	Title: Silver(I) derivatives with new functionalised acylpyrazolonates Author(s): Cingolani, A; Effendy; Marchetti, F; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 329 Pages: 100-112 Article Number: PII S0020-1693(01)00812-X DOI: 10.1016/S0020-1693(01)00812-X Published: FEB 20 2002
102.	Title: First structurally characterized silver(I) derivatives with nonfluorinated beta-diketones Author(s): Cingolani, A; Effendy; Marchetti, F; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH.

	Source: INORGANIC CHEMISTRY Volume: 41 Issue: 5 Pages: 1151-1161 DOI: 10.1021/ic0109391 Published: MAR 11 2002
103.	Title: Complexes of some d and f elements with new 4-acylpyrazol-5-ones: Synthesis and study Author(s): Drozdov, AA; Vertlib, VA; Timokhin, I; Troyanov, SI; Pettinari, C ; Marchetti, F. Source: RUSSIAN JOURNAL OF COORDINATION CHEMISTRY Volume: 28 Issue: 4 Pages: 259-263 DOI: 10.1023/A:1015220003972 Published: APR 2002
104.	Title: Synthesis, structure and luminescence properties of new rare earth metal complexes with 1-phenyl-3-methyl-4-acylpyrazol-5-ones Author(s): Pettinari, C ; Marchetti, F; Pettinari, R; Drozdov, A; Troyanov, S; Voloshin, AI; Shavaleev, NM. Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 7 Pages: 1409-1415 DOI: 10.1039/b108058j Published: APR 7 2002
105.	Title: Synthesis, spectroscopic and structural characterization of Cu(II) derivatives of tris(pyrazol-1-yl)methanes Author(s): Martini, D; Pellei, M; Pettinari, C ; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 333 Pages: 72-82 Article Number: PII S0020-1693(02)00772-7 DOI: 10.1016/S0020-1693(02)00772-7 Published: MAY 15 2002
106.	Title: Poly(1,2,3-benzotriazolyl)borate complexes with copper(I) and tri-organophosphane: an unprecedented kappa(1)-coordination of [H₂B(btz)₂] (btz=1,2,3-benzotriazolyl) in the X-ray crystal structure of [Cu(PBn₃)₂{(btz)BH₂(btz)}] Author(s): Lobbia, GG; Pellei, M; Pettinari, C ; Santini, C; Somers, N; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 333 Pages: 100-108 Article Number: PII S0020-1693(02)00774-0 DOI: 10.1016/S0020-1693(02)00774-0 Published: MAY 15 2002
107.	Title: The reactivity of new (1,5-cyclooctadiene)rhodium acylpyrazolonates towards N- and P-donor ligands: X-ray structures of [Rh(1,5-COD)Q^S], [Rh(1,5-COD)(phen)]Q^S.0.5H₂O (HQ^S=1-phenyl-3-methyl-4-(2-thenoyl)-pyrazol-5-one) and [Rh(1,5-COD)Br]₂ Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Bianchini, G; Drozdov, A; Vertlib, V; Troyanov, S. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 651 Issue: 1-2 Pages: 5-14 Article Number: PII S0022-328X(02)01122-1 DOI: 10.1016/S0022-328X(02)01122-1 Published: MAY 15 2002
108.	Title: A novel configuration of a benzoylacetato-diorganotin species is modified by an electron-withdrawing substituent on tin - Synthesis, IR and NMR spectroscopy, structure, and ab initio studies Author(s): Pettinari, C ; Marchetti, F; Pettinari, R; Gindulyte, A; Massa, L; Rossi, M; Caruso, F. Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 6 Pages: 1447-1455 Published: JUN 2002
109.	Title: Variable coordination modes of NO₂⁻ in a series of Ag(I) complexes containing triorganophosphines, -arsines, and -stibines. Syntheses, spectroscopic characterization (IR, H-1 and P-31 NMR, electrospray ionization mass), and structures of [AgNO₂(R₃E)_x] adducts (E=P, As, Sb, x=1-3) Author(s): Cingolani, A; Effendy; Pellei, M; Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY Volume: 41 Issue: 25 Pages: 6633-6645 DOI: 10.1021/ic020375g Published: DEC 16 2002
110.	Title: Thiolate anchor in organotin(IV) induced amide deprotonation: equilibrium and NMR spectroscopic studies on dimethyltin(IV) complexes formed with N-(2-mercaptopropionyl) glycine and L-alanyl-glycine Author(s): Gajda-Schranz, K; Jancso, A; Pettinari, C ; Gajda, T. Source: DALTON TRANSACTIONS Issue: 14 Pages: 2912-2916 DOI: 10.1039/b303905f Published: 2003
111.	Title: Lanthanide metal complexes containing the first structurally characterized beta-diketonate acid stabilized by hydrogen bonding Author(s): Pettinari, C; Marchetti, F; Cingolani, A; Drozdov, A; Troyanov, S; Timokhin, I; Vertlib, V. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 6 Issue: 1 Pages: 48-51 Article Number: PII S1387-7003(02)00678-0 DOI: 10.1016/S1387-7003(02)00678-0 Published: JAN 2003
112.	Title: Synthesis and spectroscopic characterization of silver(I) complexes with the bis(1,2,4-triazol-1-yl)alkane ligand tz₂CH₂. X-ray structures of two- and three-dimensional coordination polymers Author(s): Effendy; Marchetti, F; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY Volume: 42 Issue: 1 Pages: 112-117 DOI: 10.1021/ic025981q Published: JAN 13 2003
113.	Title: Coordination properties of the ACE inhibitor captopril towards Me₂Sn(IV)(2+) in aqueous solution, and biological aspects of some dialkyltin(IV) derivatives of this ligand Author(s): Jankovics, H; Nagy, L; Kele, Z; Pettinari, C ; D'Agati, P; Mansueto, C; Pellerito, C; Pellerito, L. Conference: 1st International Symposium on Bioorganometallic Chemistry (ISBOMC 02) Location: PARIS, FRANCE Date: JUN 18-20, 2002 Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 668 Issue: 1-2 Pages: 129-139 DOI: 10.1016/S0022-328X(03)00015-9 Published: FEB 17 2003
114.	Title: Synthesis, spectroscopic, and structural characterization of copper(I) and silver(I) derivatives containing poly(azolyl)borate or poly(azolyl)alkane ligands Author(s): Pettinari, C ; Cingolani, A; Marchetti, F; Santini, C; Pettinari, R; Pellei, M; Gioia Lobbia, G; Martini, D. Conference: 225th National Meeting of the American-Chemical-Society Location: NEW ORLEANS, LOUISIANA Date: MAR 23-27, 2003 Sponsor(s): Amer Chem Soc

	Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY Volume: 225 Pages: U58-U58 Part: Part 2 Meeting Abstract: 323-INOR Published: MAR 2003
115.	Title: Mechanistic aspects of isotactic CO/styrene copolymerization catalyzed by oxazoline palladium(II) complexes Author(s): Binotti, B; Carfagna, C; Gatti, G; Martini, D; Mosca, L; Pettinari, C Source: ORGANOMETALLICS Volume: 22 Issue: 5 Pages: 1115-1123 DOI: 10.1021/om0208669 Published: MAR 3 2003
116.	Title: Antitumor activity of the mixed phosphine gold species chlorotriphenylphosphine-1,3-bis(diphenylphosphino)propanegold(I) Author(s): Caruso, F; Rossi, M; Tanski, J; Pettinari, C ; Marchetti, F. Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 46 Issue: 9 Pages: 1737-1742 DOI: 10.1021/jm0204690 Published: APR 24 2003
117.	Title: Synthesis, spectroscopic and structural characterisation of Cd(II) and Zn(II) derivatives of tris(3,4,5-trimethylpyrazol-1-yl)methane Author(s): Cingolani, A; Martini, D; Marchetti, F; Pettinari, C ; Ricciutelli, M; Skelton, BW; White, A. Source: INORGANICA CHIMICA ACTA Volume: 350 Pages: 641-650 DOI: 10.1016/S0020-1693(03)00111-7 Published: JUL 4 2003
118.	Title: Synthesis and structural characterization of mixed-sandwich complexes of rhodium(III) and iridium(III) with cyclopentadienyl and hydrotris(pyrazolyl)borate ligands Author(s): Carmona, E; Cingolani, A; Marchetti, F; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH. Source: ORGANOMETALLICS Volume: 22 Issue: 14 Pages: 2820-2826 DOI: 10.1021/om020930m Published: JUL 7 2003
119.	Title: Crystal structures and vibrational and solution and solid-state (CPMAS) NMR spectroscopic studies in triphenyl phosphine, arsine, and stibine silver(I) bromate systems, (R₃E)_xAgBrO₃ (E = P, As, Sb; x=1-4) Author(s): Cingolani, A; Effendy, Hanna, JV; Pellei, M; Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY Volume: 42 Issue: 16 Pages: 4938-4948 DOI: 10.1021/ic034243e Published: AUG 11 2003
120.	Title: (4-acyl-5-pyrazolonato)titanium derivatives: Oligomerization, hydrolysis, voltammetry, and DFT study Author(s): Caruso, F; Massa, L; Gindulyte, A; Pettinari, C ; Marchetti, F; Pettinari, R; Ricciutelli, M; Costamagna, J; Canales, JC; Tanski, J; Rossi, M. Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 17 Pages: 3221-3232 DOI: 10.1002/jejc.200300135 Published: SEP 5 2003
121.	Title: From mono- to poly-nuclear heteroleptic alkaline earth-titanium complexes containing 2,2,6,6-tetramethylheptane-3,5-dionate (thd) and pyrazole (Hpz) or 3,5-dimethylpyrazole (Hpz*) ligands. Synthesis, spectroscopic and structural characterization of [Ba(thd)₂(Hpz)₂]₂, [Sr(thd)₂(Hpz*)₃], [Ba(thd)₂(Hpz*)₂]₂ and the heterometallic {[Ti(thd)₂μ(3)-O)(μ-(BuC)-C-t(O)CH₂CH₂O)Sr(thd)(μ-(BuCOO)-C-t)]₂Sr(Hpz)₂} Author(s): Pettinari, C; Marchetti, F; Pettinari, R; Vertlib, V; Drozdov, A; Timokhin, I; Troyanov, S; Min, YS; Kim, D. Source: INORGANICA CHIMICA ACTA Volume: 355 Pages: 157-167 DOI: 10.1016/S0020-1693(03)00276-7 Published: NOV 20 2003
122.	Title: The role of reaction medium on the coordination environment of terbium in complexes with 4-acylpyrazol-5-ones Author(s): Pettinari, C ; Pettinari, R; Marchetti, F; Drozdov, A; Timokhin, I; Semenov, S; Troyanov, SI. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 6 Issue: 12 Pages: 1423-1425 DOI: 10.1016/j.inoche.2003.08.028 Published: DEC 2003
123.	Title: Characterization of diorganotin(IV) complexes with captopril. The first crystallographically authenticated metal complex of this anti-hypertensive agent Author(s): Jankovics, H; Pettinari, C ; Marchetti, F; Kamu, E; Nagy, L; Troyanov, S; Pellerito, L. Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 97 Issue: 4 Pages: 370-376 DOI: 10.1016/S0162-0134(03)00309-X Published: DEC 1 2003
124.	Title: Reactivity of rhodium-beta-diketonato cyclooctadiene derivatives with mono- and di-phosphines. Synthesis, structural and spectroscopic characterization of Rh(I) and Rh(III) species containing unsymmetrical beta-diketonate and P-donor ligands Author(s): Pettinari, C ; Marchetti, F; Pettinari, R; Pizzabiocca, A; Drozdov, A; Troyanov, SI; Vertlib, V. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 688 Issue: 1-2 Pages: 216-226 DOI: 10.1016/j.jorganchem.2003.09.021 Published: DEC 15 2003
125.	Title: Copper and silver derivatives of scorpionates and related ligands Author(s): Pettinari, C ; Cingolani, A; Lobbia, GG; Marchetti, F; Martini, D; Pellei, M; Pettinari, R; Santini, C. Source: POLYHEDRON Volume: 23 Issue: 2-3 Pages: 451-469 DOI: 10.1016/j.poly.2003.11.033 Published: JAN 22 2004
126.	Title: A 4-acyl-5-pyrazolone ligand (HQ) in N-unidentate coordination mode in a Rh(CO)₂Cl(HQ)-type complex Author(s): Cingolani, A; Marchetti, F; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 7 Issue: 2 Pages: 235-237 DOI: 10.1016/j.inoche.2003.11.009 Published: FEB 2004
127.	Title: Gold derivatives of scorpionates: comparison with the other coinage metal poly(pyrazolyl)borate analogues. Author(s): Gioia Lobbia, G; Hanna, JV; Pellei, M; Pettinari, C ; Santini, C; Skelton, BW; White AH Source: Dalton transactions (Cambridge, England : 2003) Issue: 6 Pages: 951-8 DOI: 10.1039/b316815h Published: 2004-Mar-21 (Epub 2004 Feb 13)

128.	Title: (Bis(1,2,4-triazol-1-yl)methane)silver(I) phosphino complexes: Structures and spectroscopic properties of mixed-ligand coordination polymers Author(s): Effendy; Marchetti, F; Pettinari, C ; Pettinari, R; Ricciutelli, M; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY Volume: 43 Issue: 6 Pages: 2157-2165 DOI: 10.1021/ic0353413 Published: MAR 22 2004
129.	Title: Synthesis and spectroscopic characterization (IR, H-1 and P-31 NMR, electrospray ionization mass) of mono-, di-, tetra- and poly-meric complexes of silver(I) with diphosphine ligands: X-ray crystal structures of AgNO₂·(Ph₂PCH₂PPh₂) (1 : 1)₂, AgNO₂·(Ph₂P(CH₂)₃PPh₂) (1 : 1)₂, AgNO₂·(Ph₂PCH=CHPPh₂) (2 : 1)₂ and AgNO₂·{p-tolyl)₂P(C₁₀H₆)₂P(p-tolyl)₂} (1 : 1) Author(s): Effendy; Hanna, JV; Marchetti, F; Martini, D; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 357 Issue: 5 Pages: 1523-1537 DOI: 10.1016/j.ica.2003.11.010 Published: MAR 25 2004
130.	Title: Silver coordination chemistry of a new versatile "Janus"-type N₂O₂-bichelating donor, formation of an unprecedented supramolecular network of binuclear silver building blocks containing a five-coordinate beta-diketonate, and isolation of unexpected silver-tin-silver heterotrimetallic complexes from silver metathesis reactions Author(s): Cingolani, A; Effendy; Marchetti, F; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY Volume: 43 Issue: 14 Pages: 4387-4399 DOI: 10.1021/ic.0497376 Published: JUL 12 2004
131.	Title: 4-Phenyl-1H-imidazole (a low-temperature redetermination), 1-benzyl-1H-imidazole and 1-mesityl-1H-imidazole Author(s): Nielsen, DJ; Pettinari, C ; Skelton, BW; White, AH. Source: ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS Volume: 60 Pages: O542-O544 DOI: 10.1107/S0108270104013228 Part: Part 8 Published: AUG 2004
132.	Title: A new ester substituted heteroscorpionate ligand Author(s): Alidori, S; Pellei, M; Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 7 Issue: 9 Pages: 1075-1077 DOI: 10.1016/j.inoche.2004.07.017 Published: SEP 2004
133.	Title: Tin(II) and lead(II) 4-acyl-5-pyrazolonates: Synthesis, spectroscopic and X-ray structural characterization Author(s): Pettinari, C ; Marchetti, F; Pettinari, R; Cingolani, A; Rivarola, E; Phillips, C; Tanski, J; Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 17 Pages: 3484-3497 DOI: 10.1002/jeic.200400225 Published: SEP 6 2004
134.	Title: Spontaneous self-assembly of an unsymmetric trinuclear triangular copper(II) pyrazolate complex, [Cu₃(μ³-OH)(μ-pz)₃(MeCOO)₂(Hpz)] (Hpz = pyrazole). Synthesis, experimental and theoretical characterization, reactivity, and catalytic activity Author(s): Casarin, M; Corvaja, C; di Nicola, C; Falcomer, D; Franco, L; Monari, M; Pandolfo, L; Pettinari, C ; Piccinelli, F; Tagliatesta, P. Source: INORGANIC CHEMISTRY Volume: 43 Issue: 19 Pages: 5865-5876 DOI: 10.1021/ic049260y Published: SEP 20 2004
135.	Title: Syntheses, structural and spectroscopic investigation (IR, NMR and luminescence) of new terbium and europium acylpyrazolonates Author(s): Pettinari, C ; Marchetti, F; Cingolani, A; Drozdov, A; Timokhin, I; Troyanov, SI; Tsaryuk, V; Zolin, V. Source: INORGANICA CHIMICA ACTA Volume: 357 Issue: 14 Pages: 4181-4190 DOI: 10.1016/j.ica.2004.06.024 Published: NOV 15 2004
136.	Title: Syntheses and spectroscopic and structural characterization of silver(I) complexes containing tris(isobutyl)phosphine and poly(azol-1-yl)borates Author(s): Effendy; Lobbia, GG; Marchetti, F; Pellei, M; Pettinari, C ; Pettinari, R; Santini, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 357 Issue: 14 Pages: 4247-4256 DOI: 10.1016/j.ica.2004.06.020 Published: NOV 15 2004
137.	Title: Structural features of antitumor titanium agents and related compounds Author(s): Caruso, F; Rossi, M; Opazo, C; Pettinari, C Source: BIOINORGANIC CHEMISTRY AND APPLICATIONS Volume: 3 Issue: 3-4 Pages: 317-329 DOI: 10.1155/BCA.2005.317 Published: 2005
138.	Title: Silver(I) bis(1,2,4-triazolyl)borate complexes containing bidentate phosphine ligands Author(s): Lobbia, GG; Pellei, M; Pettinari, C ; Santini, C; Skelton, BW; White, AH. Source: POLYHEDRON Volume: 24 Issue: 1 Pages: 181-187 DOI: 10.1016/j.poly.2004.11.001 Published: JAN 6 2005
139.	Title: The structural definition of adducts of stoichiometry AgX : dppf (1 : 1)_n, X = simple anion, dppf = bis(diphenylphosphino)ferrocene Author(s): Di Nicola, C; Effendy; Pettinari, C ; Skelton, BW; Somers, N; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 3 Pages: 695-706 DOI: 10.1016/j.ica.2004.09.029 Published: FEB 15 2005
140.	Title: Structural characterization of 1 : 1 adducts of silver(I) (pseudo-) halides (AgX, X = NCO, Cl, Br, I) with Ph₂E(CH₂)EPh₂ (E = P, As) ('dp(p/a)m') and 4 : 3 adducts of copper(I) halide (CuX, X = Cl, Br, I), containing trinuclear cations, of the form [X₂Ag₃(dppm)₃]X and [X₂Cu₃(dppm)₃](CuX₂) and the novel neutral [(OCN)₃Ag₃(dpam)₃] Author(s): Di Nicola, C; Effendy; Fazaroh, F; Pettinari, C Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 3 Pages: 720-734 DOI: 10.1016/j.ica.2004.08.007 Published: FEB 15 2005

141.	Title: Syntheses, spectroscopic and structural characterization of some (solvated) binuclear adducts of the form Ag(oxyanion): dpem(S) (1 : 1(x))₂ (oxyanion = ClO₄, F₃CCO₂, F₃CSO₃; dpem = Ph₂E(CH₂)EPh₂ (E = P, As)) Author(s): Effendy; Di Nicola, C; Nitiatmodjo, M; Pettinari, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 3 Pages: 735-747 DOI: 10.1016/j.ica.2004.07.032 Published: FEB 15 2005
142.	Title: New oligo-/poly-meric forms for MX : dpex (1 : 1) complexes (M = Cu-I, Ag-I; X = (pseudo-)halide; dpex = Ph₂E(CH₂)_xEPh₂, E = (P), As; x = 1, 2) Author(s): Cingolani, A; Di Nicola, C; Effendy; Pettinari, C; Skelton, BW; Somers, N; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 3 Pages: 748-762 DOI: 10.1016/j.ica.2004.07.026 Published: FEB 15 2005
143.	Title: The structural definition of adducts of stoichiometry MX : dppx (1 : 1) M = (CuAgI)-Ag-I, X = simple anion, dppx=Ph₂P(CH₂)(x)PPh₂, x = 3-6 Author(s): Effendy; Di Nicola, C; Fianchini, M; Pettinari, C; Skelton, BW; Somers, N; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 3 Pages: 763-795 DOI: 10.1016/j.ica.2004.09.047 Published: FEB 15 2005
144.	Title: Metal derivatives of poly(pyrazolyl)alkanes - I. Tris(pyrazolyl)alkanes and related systems Author(s): Pettinari, C; Pettinari, R Source: COORDINATION CHEMISTRY REVIEWS Volume: 249 Issue: 5-6 Pages: 525-543 DOI: 10.1016/j.ccr.2004.05.010 Published: MAR 2005
145.	Title: Metal derivatives of poly(pyrazolyl)alkanes - II. Bis(pyrazolyl)alkanes and related systems Author(s): Pettinari, C; Pettinari, R Source: COORDINATION CHEMISTRY REVIEWS Volume: 249 Issue: 5-6 Pages: 663-691 DOI: 10.1016/j.ccr.2004.08.017 Published: MAR 2005
146.	Title: Silver(I) poly(1,2,4-triazolyl)borate complexes containing monodentate phosphane ligands Author(s): Gioia Lobbia, G; Pellei, M; Pettinari, C; Santini, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 4 Pages: 1162-1170 DOI: 10.1016/j.ica.2004.11.023 Published: MAR 1 2005
147.	Title: Synthesis and characterization of the first diorganotin(IV) complexes containing mixed arylazobenzoic acids and having skew trapezoidal bipyramidal geometry Author(s): Baul, TSB; Rynjah, W; Rivarola, E; Pettinari, C; Linden, A. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 690 Issue: 6 Pages: 1413-1421 DOI: 10.1016/j.jorganchem.2004.12.013 Published: MAR 15 2005
148.	Title: Barium acylpyrazolonate derivatives stabilized by O- and N-donor ligands: synthesis, spectral and structural characterization Author(s): Marchetti, F; Pettinari, C; Pettinari, R; Cingolani, A; Drozdov, A; Vertlib, V; Troyanov, S. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 6 Pages: 1955-1962 DOI: 10.1016/j.ica.2004.12.010 Published: MAR 30 2005
149.	Title: Third EuChem Conference on "Nitrogen ligands in organometallic chemistry and homogeneous catalysis", Camerino, Italy, September 2004. Classical organometallic chemistry and beyond Author(s): Pettinari, C; Masciocchi, N Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 690 Issue: 8 Pages: 1871-1877 DOI: 10.1016/j.jorganchem.2005.01.068 Published: APR 15 2005
150.	Title: Tin(IV) and organotin(IV) derivatives of bis (pyrazolyl) acetate: Synthesis, spectroscopic characterization and behaviour in solution. X-ray single crystal study of bis(pyrazol-1-yl)acetatotri-iodotin(IV) [SnI₃(bdmpza)] Author(s): Marchetti, F; Pellei, M; Pettinari, C; Pettinari, R; Rivarola, E; Santini, C; Skelton, BW; White, AH. Conference: 3rd EuChem Conference on Nitrogen Ligands in Organometallic Chemistry and Homogeneous Catalysis Location: Camerino, ITALY Date: SEP, 2004 Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 690 Issue: 8 Pages: 1878-1888 DOI: 10.1016/j.jorganchem.2005.01.067 Published: APR 15 2005
151.	Title: Synthesis and spectroscopic and X-ray structural characterization of R₂Sn^{IV}-oxydiacetate and -iminodiacetate complexes Author(s): Di Nicola, C; Galindo, A; Hanna, JV; Marchetti, F; Pettinari, C; Pettinari, R; Rivarola, E; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY Volume: 44 Issue: 9 Pages: 3094-3102 DOI: 10.1021/ic0482840t Published: MAY 2 2005
152.	Title: Sorption-desorption behavior of bispyrazolato-copper(II) 1D coordination polymers Author(s): Cingolani, A; Galli, S; Masciocchi, N; Pandolfo, L; Pettinari, C; Sironi, A. Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 127 Issue: 17 Pages: 6144-6145 DOI: 10.1021/ja050856+ Published: MAY 4 2005
153.	Title: Synthesis and characterization of silver(I) derivatives containing acylpyrazolonate and phosphino ligands: X-ray crystal structures of monomeric [Ag(Q^{nPe})(PPh₃)₂] and of dimeric [[Ag(Q^{nPe})(PⁱBu₃)₂](Q^{nPe}=1-phenyl-3-methyl-4-tert-butylacetylpyrazolon-5-ato) Author(s): Lorenzotti, A; Marchetti, F; Pettinari, C; Pettinari, R; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 11 Pages: 3190-3200 DOI: 10.1016/j.ica.2005.04.017 Published: JUL 1 2005
154.	Title: Silver(I) poly(1,2,3-benzotriazolyl) borate complexes containing mono- and bidentate phosphine coligands Author(s): Gioia Lobbia, G; Pellei, M; Pettinari, C; Santini, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 13 Pages: 3633-3641 DOI: 10.1016/j.ica.2005.06.001 Published: SEP 1 2005

155.	Title: Synthesis, spectroscopic and structural characterization of adducts of stoichiometry CuX : dppe (1 : 2) (X = I, ClO₄, BH₄, O₃SCF₃, SCN, dppe = Ph₂P(CH₂)₂PPh₂) Author(s): di Nicola, C; Pettinari, C ; Ricciutelli, M; Skelton, BW; Somers, N; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 13 Pages: 4003-4008 DOI: 10.1016/j.ica.2005.06.046 Published: SEP 1 2005
156.	Title: Tripodal polyphosphine ligands in silver (I) coordination chemistry: Mononuclear cf. polynuclear complex dependence vis-a-vis counterion and ligand to metal ratio Author(s): Effendy; Pettinari, C ; Pettinari, R; Ricciutelli, M; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 13 Pages: 4009-4018 DOI: 10.1016/j.ica.2005.06.041 Published: SEP 1 2005
157.	Title: One-dimensional and two-dimensional coordination polymers from self-assembling of trinuclear triangular Cu(II) secondary building units Author(s): Casarin, M; Corvaja, C; Di Nicola, C; Falcomer, D; Franco, L; Monari, M; Pandolfo, L; Pettinari, C; Piccinelli, F. Source: INORGANIC CHEMISTRY Volume: 44 Issue: 18 Pages: 6265-6276 DOI: 10.1021/ic050678l Published: SEP 5 2005
158.	Title: Syntheses, structures, and reactivity of new pentamethylcyclopentadienyl-rhodium(III) and -iridium(III) 4-acyl-5-pyrazolonate complexes Author(s): Pettinari, C ; Pettinari, R; Fianchini, M; Marchetti, F; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY Volume: 44 Issue: 22 Pages: 7933-7942 DOI: 10.1021/ic050985r Published: OCT 31 2005
159.	Title: Acyipyrazolone ligands: Synthesis, structures, metal coordination chemistry and applications Author(s): Marchetti, F; Pettinari, C ; Pettinari, R Source: COORDINATION CHEMISTRY REVIEWS Volume: 249 Issue: 24 Pages: 2909-2945 DOI: 10.1016/j.ccr.2005.03.013 Published: DEC 15 2005
160.	Title: The competition between acetate and pyrazolate in the formation of polynuclear Zn(II) complexes Author(s): Cingolani, A; Galli, S; Masciocchi, N; Pandolfo, L; Pettinari, C; Sironi, A. Source: DALTON TRANSACTIONS Issue: 20 Pages: 2479-2486 DOI: 10.1039/b515630k Published: 2006
161.	Title: Syntheses and structures of adducts of stoichiometry MX : dpex (2 : 1)_n, M = Cu^I, Ag^I, X = (pseudo-) halogen, dpex = Ph₂E(CH₂)_xEPh₂, E = P, As Author(s): Di Nicola, C; Effendy; Pettinari, C ; Skelton, BW; Somers, N; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 1 Pages: 53-63 DOI: 10.1016/j.ica.2005.06.011 Published: JAN 1 2006
162.	Title: The structural definition of adducts of stoichiometry MX : dpex (2 : 3)((infinity)), M = Cu-I, Ag-I, X = simple anion, dpex = Ph₂E(CH₂)_xEPh₂, E = P, As Author(s): Effendy; di Nicola, C; Pettinari, C ; Pizzabiocca, A; Skelton, BW; Somers, N; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 1 Pages: 64-80 DOI: 10.1016/j.ica.2005.06.012 Published: JAN 1 2006
163.	Title: Synthesis, spectroscopy (IR, multinuclear NMR, ESI-MS), diffraction, density functional study and in vitro antiproliferative activity of pyrazole-beta-diketone dihalotin(IV) compounds on 5 melanoma cell lines Author(s): Pettinari, C ; Caruso, F; Zaffaroni, N; Villa, R; Marchetti, F; Pettinari, R; Phillips, C; Tanski, J; Rossi, M. Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 100 Issue: 1 Pages: 58-69 DOI: 10.1016/j.jinorgbio.2005.10.002 Published: JAN 2006
164.	Title: Innovative second-generation Ba and Sr precursors for chemical vapor deposition of Ba_{1-x}Sr_xTiO₃ thin films Author(s): Battiston, GA; Gerbasi, R; Carta, G; Marchetti, F; Pettinari, C ; Rodriguez, A; Barreca, D; Maragno, C; Tondello, E. Source: JOURNAL OF THE ELECTROCHEMICAL SOCIETY Volume: 153 Issue: 3 Pages: F35-F38 DOI: 10.1149/1.2160441 Published: 2006
165.	Title: Copper(I) monophosphine complexes with functionalized acylpyrazolonate ligands: Syntheses of heterobimetallic Cu-Zn and Cu-Ru adducts Author(s): Cingolani, A; Marchetti, F; Pettinari, C ; Pettinari, R; Skelton, BW; Somers, N; White, AH. Source: POLYHEDRON Volume: 25 Issue: 1 Pages: 124-133 DOI: 10.1016/j.poly.2005.07.020 Published: JAN 2 2006
166.	Title: Structural characterizations of some adducts of silver(I) nitrate and perchlorate with some cyclic di- (or tri-) ene organic ligands Author(s): Lim, KC; Marchetti, F; Pettinari, C ; Skelton, BW; Smith, BJ; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 5 Pages: 1594-1602 DOI: 10.1016/j.ica.2005.10.014 Published: MAR 20 2006
167.	Title: Special issue: Recent Advances in Organotin Chemistry Author(s): Pettinari, C Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 691 Issue: 8 Pages: 1435-1436 DOI: 10.1016/j.jorganchem.2005.12.059 Published: APR 1 2006
168.	Title: Chemical and biotechnological developments in organotin cancer chemotherapy Author(s): Tabassum, S; Pettinari, C Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 691 Issue: 8 Pages: 1761-1766 DOI: 10.1016/j.jorganchem.2005.12.033 Published: APR 1 2006
169.	Title: The imidazole role in strontium beta-diketonate complexes formation

	Author(s): Marchetti, F; Pettinari, C; Pettinari, R; Cingolani, A; Gobetto, R; Chierotti, MR; Drozdov, A; Troyanov, SI. Source: INORGANIC CHEMISTRY Volume: 45 Issue: 7 Pages: 3074-3085 DOI: 10.1021/ic051972g Published: APR 3 2006
170.	Title: Novel solvates in AgX : dpex (n : 1) systems (n=1 or 2); X-oxyanion ; dppx=Ph₂P(Y)PPh₂, Y=(CH₂)₃, Fc Author(s): Cingolani, A; Effendy; Pettinari, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 7 Pages: 2170-2177 DOI: 10.1016/j.ica.2005.12.015 Published: APR 25 2006
171.	Title: Some binuclear acetonitrile 'solvated' complexes of copper(I) chloride and bromide with triphenylarsine Author(s): Hart, RD; Kildea, JD; Pettinari, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 7 Pages: 2178-2182 DOI: 10.1016/j.ica.2005.12.014 Published: APR 25 2006
172.	Title: The structural definition of some novel adducts of stoichiometry CuX : dpex : MeCN (2 : 1 : 1)_n X = (pseudo-) halogen, dppx = Ph₂E(CH₂)_xEPh₂, E = P, As, Sb Author(s): Di Nicola, C; Koutsantonis, GA; Pettinari, C; Skelton, BW; Somers, N; White, AH Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 7 Pages: 2159-2169 DOI: 10.1016/j.ica.2005.12.019 Published: APR 25 2006
173.	Title: Synthesis, spectroscopic and structural characterization of novel adducts of some silver(I) salts with the ambidentate donor PPh₂PY Author(s): Cingolani, A; Effendy; Martini, D; Pettinari, C; Skelton, BW; White, AH; Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 7 Pages: 2183-2193 DOI: 10.1016/j.ica.2005.12.031 Published: APR 25 2006
174.	Title: Structural impact of infinite water chains on the self-assembly of an inorganic-metal-organic architecture Author(s): Reger, DL; Semeniuc, RF; Pettinari, C; Luna-Giles, F; Smith, MD. Source: CRYSTAL GROWTH & DESIGN Volume: 6 Issue: 5 Pages: 1068-1070 DOI: 10.1021/cg050669n Published: MAY 2006
175.	Title: A new rare-earth metal acylpyrazolonate containing the Zundel ion H₅O₂⁺ stabilized by strong hydrogen bonding Author(s): Pettinari, C; Marchetti, F; Pettinari, R; Drozdov, A; Semenov, S; Troyanov, SI; Zolin, V Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 9 Issue: 6 Pages: 634-637 DOI: 10.1016/j.inoche.2006.03.008 Published: JUN 2006
176.	Title: Syntheses, spectroscopic characterization and X-ray structural studies of lanthanide complexes with adamantyl substituted 4-acylpyrazol-5-one Author(s): Pettinari, C; Marchetti, F; Pettinari, R; Natanti, P; Drozdov, A; Semenov, S; Troyanov, SI.; Zolin, V. Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 12 Pages: 4063-4070 DOI: 10.1016/j.ica.2006.04.045 Published: SEP 1 2006
177.	Title: Synthesis, spectroscopy and structural characterization of silver(I) complexes containing unidentate N-donor azole-type ligands Author(s): Effendy; Marchetti, F; Pettinari, C; Pettinari, R; Pizzabiocca, A; Skelton, BW; White, AH Source: INORGANICA CHIMICA ACTA Volume: 359 Issue: 5 Pages: 1504-1512 DOI: 10.1016/j.ica.2005.04.016 Published: JAN 2006
178.	Title: Synthesis, solid-state NMR, and X-ray powder diffraction characterization of group 12 coordination polymers, including the first example of a C-mercuriated pyrazole Author(s): Masciocchi, N; Galli, S; Alberti, E; Sironi, A; Di Nicola, C; Pettinari, C; Pandolfo, L. Source: INORGANIC CHEMISTRY Volume: 45 Issue: 22 Pages: 9064-9074 DOI: 10.1021/ic061349b Published: OCT 30 2006
179.	Title: Swiatoslaw Trofimenko (1931-2007) – Obituary Author(s): Pettinari, C Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 46 Issue: 30 Pages: 5652-5652 DOI: 10.1002/anie.200702749 Published: 2007
180.	Title: Structures and spectroscopy of some adducts of coinage metal(I) cyanides with 'tetrahedral'-unidentate-N-bases Author(s): Bowmaker, GA.; Pettinari, C; Skelton, BW.; Somers, N; Vigar, NA; White, AH. Source: ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE Volume: 633 Issue: 3 Pages: 415-421 DOI: 10.1002/zaac.200600317 Published: 2007
181.	Title: Supramolecular assemblies of trinuclear triangular copper(II) secondary building units through hydrogen bonds. Generation of different metal-organic frameworks, valuable catalysts for peroxidative oxidation of alkanes Author(s): Di Nicola, C; Karabach, YYu.; Kirillov, AM; Monari, M; Pandolfo, L; Pettinari, C; Pombeiro, AJL. Source: INORGANIC CHEMISTRY Volume: 46 Issue: 1 Pages: 221-230 DOI: 10.1021/ic061595n Published: JAN 8 2007
182.	Title: Synthesis, reactivity, spectroscopic characterization, X-ray structures, PGSE, and NOE NMR studies of (η⁵-C₅Me₅)-rhodium and -iridium derivatives containing bis(pyrazolyl)alkane ligands Author(s): Pettinari, C; Pettinari, R; Marchetti, F; Macchioni, A; Zuccaccia, D; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY Volume: 46 Issue: 3 Pages: 896-906 DOI: 10.1021/ic061928g Published: FEB 5 2007
183.	Title: Adducts of silver(I) nitrite with triphenylphosphine and N,N'-bidentate aromatic bases, L, of the form AgNO₂ : PPh₃ : L (1 : 1 : 1) Author(s): Pettinari, C; Ngoune, J; Skelton, BW; White, AH.

	Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 10 Issue: 3 Pages: 329-331 DOI: 10.1016/j.inoche.2006.11.010 Published: MAR 2007
184.	Title: Mitochondria are primary targets in apoptosis induced by the mixed phosphine gold species chlorotriphenylphosphine-1,3-bis(diphenylphosphino)propanegold(I) in melanoma cell lines Author(s): Caruso, F; Villa, R; Rossi, M; Pettinari, C ; Paduano, F; Pennati, M; Daidone, MG; Zaffaroni, N. Source: BIOCHEMICAL PHARMACOLOGY Volume: 73 Issue: 6 Pages: 773-781 DOI: 10.1016/j.bcp.2006.11.018 Published: MAR 15 2007
185.	Title: The different supramolecular arrangements of the triangular $[Cu_3(\mu^3-OH)(\mu-pz)_3]^{2+}$ (pz = pyrazolate) secondary building units. Synthesis of a coordination polymer with permanent hexagonal channels Author(s): Casarin, M; Cingolani, A; Di Nicola, C; Falcomer, D; Monari, M; Pandolfo, L; Pettinari, C Source: CRYSTAL GROWTH & DESIGN Volume: 7 Issue: 4 Pages: 676-685 DOI: 10.1021/cg060501h Published: APR 2007
186.	Title: Synthesis and structural characterization of adducts of silver(I) oxyanion salts, $AgX(X = ClO_4, NO_3)$ with $Ph_2E(CH_2)_xEPh_2$ ('dpex'; E = P, As; x = 1-4) and oligodentate aromatic N-bases derivative of 2,2'-bipyridyl, 'L', $AgX : dpex : L (2 : 1 : 2)$ Author(s): Effendy; Marchetti, F; Pettinari, C; Pettinari, R; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 5 Pages: 1388-1413 DOI: 10.1016/j.ica.2006.07.016 Published: APR 1 2007
187.	Title: Synthesis and structural characterization of adducts of silver(I) oxyanion salts, $AgX(X = ClO_4, NO_3)$, with $Ph_2E(CH_2)_xEPh_2$ ('dpex'; E = P, As; x=1-3) and oligodentate aromatic N-bases derivative of 2,2'-bipyridyl, 'L', $AgX : dpex : L (2 : 1 : 1)$ or $(1 : 1 : 1)$ Author(s): Effendy; Marchetti, F; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 5 Pages: 1414-1423 DOI: 10.1016/j.ica.2006.07.018 Published: APR 1 2007
188.	Title: Synthesis and structural characterization of adducts of silver(I) perchlorate with PR_3 (R = Ph, cy, o-tolyl) and oligodentate aromatic bases derivative of 2,2'-bipyridyl, L, $AgClO_4 : PR_3 : L (1 : 1 : 1)$ Author(s): Effendy; Marchetti, F; Pettinari, C ; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 5 Pages: 1424-1432 DOI: 10.1016/j.ica.2006.07.004 Published: APR 1 2007
189.	Title: Synthesis and structural characterization of adducts of silver(I) nitrate with ER_3 (E = P, As, Sb; R = Ph, cy, o-tolyl, mes) and oligodentate aromatic bases derivative of 2,2'-bipyridyl, L, $AgNO_3 : ER_3 : L (1 : 1 : 1)$ Author(s): Di Nicola, C; Effendy; Marchetti, F; Pettinari, C ; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 5 Pages: 1433-1450 DOI: 10.1016/j.ica.2000.07.017 Published: APR 1 2007
190.	Title: Synthesis and structural characterization of adducts of silver(I) carboxylate salts AgX (X = CF_3COO, CH_3COO) with ER_3 (E = P, As; R = Ph, cy, o-tolyl) and oligodentate aromatic bases derivative of 2,2'-bipyridyl, L, $AgX : PR_3 : L (1 : 1 : 1)$ Author(s): Effendy; Marchetti, F; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 5 Pages: 1451-1465 DOI: 10.1016/j.ica.2006.07.015 Published: APR 1 2007
191.	Title: Synthesis and structural studies of a 1 : 2 adduct of silver(I) tetrakis(pyrazolyl)borate(III) with a tertiary phosphine Author(s): Effendy; Hanna, JV.; Pettinari, C ; Pettinari, R; Santini, C; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 10 Issue: 5 Pages: 571-574 DOI: 10.1016/j.inoche.2007.01.021 Published: MAY 2007
192.	Title: Synthesis and structural characterization of the adducts of silver(I) perchlorate and nitrate with triphenylphosphine and bis(pyrazolyl)methane ligands of 1 : 1 : 1 stoichiometry Author(s): Cerquetella, A; Effendy; Pettinari, C ; Pettinari, R; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 7 Pages: 2265-2270 DOI: 10.1016/j.ica.2006.11.004 Published: MAY 2 2007
193.	Title: Synthesis, spectroscopic and structural characterization of the reaction products of quaternary cationic 2,2'-bipyridylium ligand bromide salts with metal halides Author(s): Dinica, R; Marchetti, F; Pettinari, C ; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 8 Pages: 2609-2614 DOI: 10.1016/j.ica.2006.12.037 Published: MAY 30 2007
194.	Title: Synthesis and structural characterization of adducts of silver (I) diethyldithiocarbamate with P-donor ligands Author(s): Di Nicola, C; Ngoune, J; Effendy; Pettinari, C ; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 360 Issue: 9 Pages: 2935-2943 DOI: 10.1016/j.ica.2007.02.016 Published: JUN 10 2007
195.	Title: Di-n-octyltin(IV) complexes with 5-[(E)-2-(aryl)-1-diazenyl]-2-hydroxybenzoic acid: Syntheses and assessment of solid state structures by Sn-119 Mossbauer and X-ray diffraction and further insight into the solution structures using electrospray ionization MS, Sn-119 NMR and variable temperature NMR spectroscopy Author(s): Basu Baul, TS; Rynjah, W; Rivarola, E; Pettinari, C ; Holcapek, M; Jirasko, R; Englert, U; Linden, A. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 692 Issue: 17 Pages: 3625-3635 DOI: 10.1016/j.jorgchem.2007.04.044 Published: AUG 1 2007
196.	Title: Crystal and molecular structures of the organometallic species $[Rh_2(bim)_2(cod)_2]Cl_2 \cdot 2H_2O$ [bim = bis-(1-imidazolyl) methane; cod=1,5-cyclooctadiene] Author(s): Masciocchi, N; Albisetti Figini, A; Sironi, A; Pettinari, C ; Marinelli, A.

	Source: POWDER DIFFRACTION Volume: 22 Issue: 3 Pages: 236-240 DOI: 10.1154/1.2759492 Published: SEP 2007
197.	Title: Synthesis, molecular structure (X-ray and DFT), and solution behavior of titanium 4-acyl-5-pyrazolones. Correlations with related antitumor beta-diketonato derivatives Author(s): Caruso, F; Pettinari, C ; Marchetti, F; Natanti, P; Phillips, C; Tanski, J; Rossi, M. Source: INORGANIC CHEMISTRY Volume: 46 Issue: 18 Pages: 7553-7560 DOI: 10.1021/ic700935x Published: SEP 3 2007
198.	Title: Areneruthenium(II) 4-Acyl-5-pyrazolonate derivatives: Coordination chemistry, redox properties, and reactivity Author(s): Marchetti, F; Pettinari, C ; Pettinari, R; Cerquetella, A; Cingolani, A; Chan, EJ; Kozawa, K; Skelton, BW; White, AH; Wanke, R; Kuznetsov, ML; Martins, LMDRS; Pombeiro, AJL. Source: INORGANIC CHEMISTRY Volume: 46 Issue: 20 Pages: 8245-8257 DOI: 10.1021/ic700394r Published: OCT 1 2007
199.	Title: Structural and thermodiffraction analysis of coordination polymers. Part: Tin derivatives of the Bim ligand [Bim = bis(l-imidazolyl)methane] Author(s): Masciocchi, N; Pettinari, C ; Alberti, E; Pettinari, R; Di Nicola, C; Albisetti Figini, A; Sironi, A. Source: INORGANIC CHEMISTRY Volume: 46 Issue: 25 Pages: 10491-10500 DOI: 10.1021/ic701530c Published: DEC 10 2007
200.	Title: Structural and thermodiffraction analysis of coordination polymers. Part II: (1) Zinc and cadmium derivatives of the Bim ligand [Bim = bis(l-imidazolyl)methane] Author(s): Masciocchi, N; Pettinari, C ; Alberti, E; Pettinari, R; Di Nicola, C; Albisetti Figini, A; Sironi, A. Source: INORGANIC CHEMISTRY Volume: 46 Issue: 25 Pages: 10501-10509 DOI: 10.1021/ic7015319 Published: DEC 10 2007
201.	An experimental and theoretical investigation of the molecular and electronic structure of 2-amino-4-chloro-6-pyrazolyl-[1,3,5]triazine, forming supramolecular linear tapes in the solid state Author(s): Casarin, M; Garau, F; Monari, M; Pandolfo, L; Pettinari, C ; Venzo, A. Source: NEW JOURNAL OF CHEMISTRY Volume: 32 Issue: 2 Pages: 358-364 DOI: 10.1039/b711136c Published: 2008
202.	Synthesis and characterization of some diorganotin(IV) complexes of Schiff bases derived from a non-protein amino acid. Crystal structures of {HO₂CC₆H₄[N=C(H)]C(CH₃)CH(CH₃)₃-OHI-p} and its di-n-butyltin(IV) complex ((Bu₂Sn)-Bu-n{O₂CC₆H₄[N=C(H)]C(CH₃)CH(CH₃)₃OHI-p}) Author(s): Basu Baul, TS; Masharing, C; Basu, S; Pettinari, C ; Rivarola, E; Chantrapromma, S; Fun, H-K). Source: APPLIED ORGANOMETALLIC CHEMISTRY Volume: 22 Issue: 2 Pages: 114-121 DOI: 10.1002/aoc.1358 Published: FEB 2008
203.	Chemical behavior and in vitro activity of mixed phosphine gold(I) compounds on melanoma cell lines Author(s): Caruso, F; Pettinari, C ; Paduano, F; Villa, R; Marchetti, F; Monti, E; Rossi, M. Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 51 Issue: 6 Pages: 1584-1591 DOI: 10.1021/jm700978a Published: MAR 27 2008
204.	Synthesis, characterization, spectroscopic and photophysical properties of new [Cu(NCS){(L-N)} or (L'-N-N){PPh₃}] complexes (L-N, L'-N-N = aromatic nitrogen base) Author(s): Pettinari, C ; di Nicola, C; Marchetti, F; Pettinari, R; Skelton, BW; Somers, N; White, AH; Robinson, WT; Chierotti, MR; Gobetto, R; Nervi, C. Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 12 Pages: 1974-1984 DOI: 10.1002/ejic.200701236 Published: APR 2008
205.	First direct assembly of molecular helical complexes into a coordination polymer Author(s): Semenov, SN.; Rogachev, AY.; Eliseeva, SV.; Pettinari, C ; Marchetti, F; Drozdov, AA; Troyanov, SI Source: CHEMICAL COMMUNICATIONS Issue: 17 Pages: 1992-1994 DOI: 10.1039/b719171e Published: MAY 7 2008
206.	Dinuclear copper(II) trispyrazolylborate derivatives with bridging pyrazolate anions Author(s): Di Nicola, C; Marchetti, F; Monari, M; Pandolfo, L; Pettinari, C . Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 11 Issue: 6 Pages: 665-668 DOI: 10.1016/j.inoche.2008.02.034 Published: JUN 2008
207.	Structural forms in complexes of 2,9-dimethyl-1,10-phenanthroline with simple salts of copper(I) and other univalent 'closed shell' species Author(s): Mutofin, S; Chan, EJ.; Healy, PC.; Marinelli, A; Ngoune, J; Pettinari, C ; Pettinari, R; Somers, N; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 361 Issue: 8 Pages: 2365-2374 DOI: 10.1016/j.ica.2007.11.009 Published: JUN 2 2008
208.	Density functional theory study of the binding capability of tris(pyrazol-1-yl)methane toward Cu(I) and Ag(I) cations Author(s): Casarin, M; Forrer, D; Garau, F; Pandolfo, L; Pettinari, C ; Vittadini, A. Source: JOURNAL OF PHYSICAL CHEMISTRY A Volume: 112 Issue: 29 Pages: 6723-6731 DOI: 10.1021/jp801902c Published: JUL 24 2008
209.	Synthesis and Intramolecular and Interionic Structural Characterization of Half-Sandwich (Arene)Ruthenium(II) Derivatives of Bis(Pyrazolyl)Alkanes Author(s): Marchetti, F; Pettinari, C ; Pettinari, R; Cerquetella, A; Di Nicola, C; Macchioni, A; Zuccaccia, D; Monari, M; Piccinelli, F. Source: INORGANIC CHEMISTRY Volume: 47 Issue: 24 Pages: 11593-11603 DOI: 10.1021/ic801150c Published: DEC 15 2008
210.	Title: Variations on a Cage Theme: Some Complexes of Bicyclic Polyamines as Supramolecular Synthons Author(s): Clark, IJ.; Crispini, A; Donnelly, PS.; Engelhardt, LM.; Harrowfield, JM; Jeong, S-H; Kim, Y;

	Koutsantonis, GA; Lee, YH; Lengkeek, NA; Mocerino, M; Nealon, GL.; Ogden, MI; Park, YC); Pettinari, C ; Polanzan, L; Rukmini, E; Sargeson, AM.; Skelton, BW; Sobolev, AN.; Thuery, P; White, AH. Source: AUSTRALIAN JOURNAL OF CHEMISTRY Volume: 62 Issue: 10 Pages: 1246-1260 DOI: 10.1071/CH09356 Published: 2009
211.	New coordination polymers based on the triangular $[\text{Cu}_3(\mu^3\text{-OH})(\mu\text{-pz})_3]^{2+}$ unit and unsaturated carboxylates Author(s): Contaldi, S; Di Nicola, C; Garau, F; Karabach, YY); Martins, LMDRS; Monari, M; Pandolfo, L; Pettinari, C ; Pombeiro, AJL. Source: DALTON TRANSACTIONS Issue: 25 Pages: 4928-4941 DOI: 10.1039/b823370e Published: 2009
212.	Silver(I) cis-diphenylphosphinoethylene complexes: Spectroscopic and structural characterization Author(s): Pettinari, C ; Marinelli, A; Pizzabocca, A; Effendy; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 12 Issue: 1 Pages: 55-57 DOI: 10.1016/j.inoche.2008.11.003 Published: JAN 2009
213.	Trinuclear Triangular Copper(II) Clusters - Synthesis, Electrochemical Studies and Catalytic Peroxidative Oxidation of Cycloalkanes Author(s): Di Nicola, C; Garau, F; Karabach, YaY; Martins, LMDRS; Monari, M; Pandolfo, L; Pettinari, C ; Pombeiro, AJL. Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 5 Pages: 666-676 DOI: 10.1002/ejic.200800842 Published: FEB 2009
214.	Magnetic Properties and Vapochromic Reversible Guest-induced Transformation in a Bispyrazolato Copper(II) Polymer: an Experimental and Dispersion-Corrected Density Functional Theory Study Author(s): Bencini, A; Casarin, M; Forrer, D; Franco, L; Garau, F; Masciocchi, N; Pandolfo, L; Pettinari, C ; Ruzzi, M; Vittadini, A. Source: INORGANIC CHEMISTRY Volume: 48 Issue: 9 Pages: 4044-4051 DOI: 10.1021/ic801928b Published: MAY 4 2009
215.	Structures from Powders: Polynuclear Hg(II) Complexes Containing the Flexible Bisimidazolymethane Ligand Author(s): Masciocchi, N; Albisetti Figini, A; , Sironi, A; Pettinari, C ; Di Nicola, C; Pettinari, R. Source: INORGANIC CHEMISTRY Volume: 48 Issue: 12 Pages: 5328-5337 DOI: 10.1021/ic900320h Published: JUN 15 2009
216.	Silver(I) methanesulfonate complexes containing diphosphine ligands: Spectroscopic and structural characterization Author(s): Pettinari, C ; Ngoune, J; Marinelli, A; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 9 Pages: 3225-3230 DOI: 10.1016/j.ica.2009.02.036 Published: JUL 1 2009
217.	Switching between κ^2 and κ^3 Bis(pyrazol-1-yl)acetate Ligands by Tuning Reaction Conditions: Synthesis, Spectral, Electrochemical, Structural, and Theoretical Studies on Arene-Ru(II) Derivatives of Bis(azol-1-yl)acetate Ligands Author(s): Marchetti, F; Pettinari, C ; Cerquetella, A; Cingolani, A; Pettinari, R; Monari, M; Wanke, R; Kuznetsov, ML.; Pombeiro, AJL. Source: INORGANIC CHEMISTRY Volume: 48 Issue: 13 Pages: 6096-6108 DOI: 10.1021/ic900463b Published: JUL 6 2009
218.	5-Amino-1-phenyl-3-trifluoromethyl-1H-pyrazole-4-carboxylic acid Author(s): Caruso, F; Raimondi, MV; Daidone, G; Pettinari, C ; Rossi, M. Source: ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE Volume: 65 Pages: O2173-U2186 DOI: 10.1107/S1600536809032188 Published: SEP 2009
219.	Inhibitory effect of beta-diketones and their metal complexes on TNF-alpha induced expression of ICAM-1 on human endothelial cells Author(s): Caruso, F; Pettinari, C ; Marchetti, F; Rossi, M; Opazo, C; Kumar, S; Balwani, S; Ghosh, B. Source: BIOORGANIC & MEDICINAL CHEMISTRY Volume: 17 Issue: 17 Pages: 6166-6172 DOI: 10.1016/j.bmc.2009.07.064 Published: SEP 1 2009
220.	Synthesis and Structures of Two Triorganotin(IV) Polymers $\text{R}_3\text{Sn}\{\text{O}_2\text{CC}_6\text{H}_4[\text{N}=\text{C}(\text{H})]\text{C}(\text{CH}_3)\text{CH}(\text{CH}_3)-3\text{-OH}-\text{p}\}$ (n) (R = Me and Ph) Containing a 4-[(2Z)-(3-Hydroxy-1-methyl-2-butenylidene)amino] benzoic Acid Framework Author(s): Basu Baul, TS. B; Masharing, C; Ruisi, G; Pettinari, C ; Linden, A. Source: JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS Volume: 19 Issue: 3 Pages: 395-400 DOI: 10.1007/s10904-009-9281-9 Published: SEP 2009
221.	PROTAGONISTS IN CHEMISTRY Preface Author(s): Pettinari, C Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 12 Pages: 4273-4275 DOI: 10.1016/j.ica.2009.03.007 Published: SEP 15 2009
222.	A sterically hindered tetrakis(pyrazolyl)borate: Synthesis, characterization and coordinative behaviour Author(s): Pettinari, C ; Marchetti, F; Pettinari, R; Marinelli, A; Crispini, A; Bellusci, A. Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 12 Pages: 4593-4598 DOI: 10.1016/j.ica.2009.05.026 Published: SEP 15 2009
223.	Tris(pyrazol-1-yl)borate and tris(pyrazol-1-yl)methane: A DFT study of their different binding capability toward Ag(I) and Cu(I) cations Author(s): Casarin, M; Forrer, D; Garau, F; Pandolfo, L; Pettinari, C ; Vittadini, A.

	Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 12 Pages: 4358-4364 DOI: 10.1016/j.ica.2009.02.004 Published: SEP 15 2009
224.	Magnesium (II) poly(pyrazolyl)borate derivatives - Synthesis, spectral and structural studies Author(s): Marchetti, F; Pettinari, C; Pettinari, R; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 362 Issue: 12 Pages: 4480-4485 DOI: 10.1016/j.ica.2009.05.006 Published: SEP 15 2009
225.	Tuning the Functional Properties of Metal Complexes Containing Polytopic Heteroaromatic Nitrogen Ligands Author(s): Pettinari, C ; Masciocchi, N; Pandolfo, L; Pucci, D. Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 16 Issue: 4 Pages: 1106-1123 DOI: 10.1002/chem.200901923 Published: 2010
226.	Crystal structure, supramolecular assembly and preliminary reactivity behaviour of new heteropolytopic ligands based on oxalate/malonate skeleton and azolate moieties Author(s): Garau, F; Monari, M; Pandolfo, L; Pettinari, C ; Venzo, A. Source: CRYSTENGCOMM Volume: 12 Issue: 4 Pages: 1217-1226 DOI: 10.1039/b922874h Published: 2010
227.	Syntheses, structures and spectroscopy of uni- and bi-dentate nitrogen base complexes of silver(I) trifluoromethanesulfonate Author(s): Di Nicola, C; Effendy; Marchetti, F; Nervi, C; Pettinari, C ; Robinson, WT; Sobolev, AN; White, A H. Source: DALTON TRANSACTIONS Volume: 39 Issue: 3 Pages: 908-922 DOI: 10.1039/b913173f Published: 2010
228.	Non-classical anticancer agents: synthesis and biological evaluation of zinc(II) heteroleptic complexes Author(s): Liguori, PF.; Valentini, A; Palma, M; Bellusci, A; Bernardini, S; Ghedini, M; Panno, ML; Pettinari, C ; Marchetti, F; Crispini, A; Pucci, D. Source: DALTON TRANSACTIONS Volume: 39 Issue: 17 Pages: 4205-4212 DOI: 10.1039/b922101h Published: 2010
229.	Synthesis and characterization of novel oxovanadium(IV) complexes with 4-acyl-5-pyrazolone donor ligands: Evaluation of their catalytic activity for the oxidation of styrene derivatives Author(s): Marchetti, F; Pettinari, C ; Di Nicola, C; Pettinari, R; Crispini, A; Crucianelli, M; Di Giuseppe, A. Source: APPLIED CATALYSIS A-GENERAL Volume: 378 Issue: 2 Pages: 211-220 DOI: 10.1016/j.apcata.2010.02.022 Published: APR 30 2010
230.	Title: Reactions of a Coordination Polymer Based on the Triangular Cluster [Cu₃(μ³-OH)(μ-pz)₃]²⁺ with Strong Acids. Crystal Structure and Supramolecular Assemblies of New Mono-, Tri-, and Hexanuclear Complexes and Coordination Polymers Author(s): Di Nicola, C; Garau, F; Gazzano, M; Monari, M; Pandolfo, L; Pettinari, C ; Pettinari, R. Source: CRYSTAL GROWTH & DESIGN Volume: 10 Issue: 7 Pages: 3120-3131 DOI: 10.1021/cg1002397 Published: JUL 2010
231.	Synthesis, structural and spectroscopic characterization and biomimetic properties of new copper, manganese, zinc complexes: Identification of possible superoxide-dismutase mimics bearing hydroxyl radical generating/scavenging abilities Author(s): Lupidi, G; Marchetti, F; Masciocchi, N; Reger, DL; Tabassum, S; Astolfi, P; Damiani, E; Pettinari, C . Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 104 Issue: 8 Pages: 820-830 DOI: 10.1016/j.jinorgbio.2010.03.013 Published: AUG 2010
232.	Synthesis and Coordination Chemistry of a New N₄-Polydentate Class of Pyridyl-Functionalized Scorpionate Ligands: Complexes of Fe^{II}, Zn^{II}, V^{IV}, Pd^{II} and Use for Heterobimetallic Systems Author(s): Wanke, R.; Guedes da Silva, FMC; Lancianesi, S; Silva, TFS; Martins, LMDRS; Pettinari, C ; Pombeiro AJL. Source: INORGANIC CHEMISTRY Volume: 49 Issue: 17 Pages: 7941-7952 DOI: 10.1021/ic100966u Published: SEP 6 2010
233.	Synthesis and Coordination Chemistry of Two N₂-Donor Chelating Di(indazolyl)methane Ligands: Structural Characterization and Comparison of Their Metal Chelation Aptitudes Author(s): Pettinari, C ; Marinelli, A; Marchetti, F; Ngoune, J; Galindo, A; Alvarez, E; Gomez, M. Source: INORGANIC CHEMISTRY Volume: 49 Issue: 22 Pages: 10543-10556 DOI: 10.1021/ic101577k Published: NOV 15 2010
234.	Organometallic coordination polymers: Sn(IV) derivatives with the bis(triazolyl) methane ligand Author(s): Masciocchi, N; Pettinari, C ; Pettinari, R; Di Nicola, C; Albisetti Figini, A. Source: INORGANICA CHIMICA ACTA Volume: 363 Issue: 14 Pages: 3733-3741 DOI: 10.1016/j.ica.2010.05.031 Published: NOV 25 2010
235.	Spectroscopic and electrochemical properties of heteroleptic cationic copper complexes bis-(diphenylphosphino) alkane-(2,2'-biquinoline) copper(I). Crystal structure of bis(diphenylphosphino) ethane-(2,2'-biquinoline) copper(I) perchlorate Author(s): Guerrero, J; Cortez, L; Lemus, L; Farias, L; Costamagna, J; Pettinari, C ; Rossi, Miriam; Caruso, F. Source: INORGANICA CHIMICA ACTA Volume: 363 Issue: 14 Pages: 3809-3816 DOI: 10.1016/j.ica.2010.07.032 Published: NOV 25 2010
236.	Syntheses, structures, and spectroscopy of mono- and polynuclear lanthanide complexes containing 4-acyl-pyrazolones and diphosphineoxide Author(s): Marchetti, F; Pettinari, C ; Pizzabiocca, A; Drozdov, AA; Troyanov, SI; Zhuravlev, CO; Semenov, SN; Belousov, YA; Timokhin, IG. Source: INORGANICA CHIMICA ACTA Volume: 363 Issue: 14 Pages: 4038-4047 DOI: 10.1016/j.ica.2010.08.006 Published: NOV 25 2010

237.	Solid-State N-15 CPMAS NMR and Computational Analysis of Ligand Hapticity in Rhodium(eta-diene) Poly(pyrazolyl)borate Complexes Author(s): Pettinari, R; Pettinari, C ; Marchetti, F; Gobetto, R; Nervi, C; Chierotti, MR; Chan, EJ; Skelton, BW; White, AH. Source: INORGANIC CHEMISTRY Volume: 49 Issue: 23 Pages: 11205-11215 DOI: 10.1021/ic101830e Published: DEC 6 2010
238.	Synthesis, characterization, crystal structure and preliminary reactivity behaviour of new heteropolytopic ligands based on the 1,3,5-triazine spacer and pyrazolyl, tris-pyrazolylmethyl and tris-pyrazolylethoxy bonding fragments Author(s): Di Nicola, C.; Garau, F.; Marchetti, F.; Monari, M; Pandolfo, L; Pettinari, C ; Venzo, A. Source: DALTON TRANSACTIONS Volume: 40 Issue: 18 Pages: 4941-4953 DOI: 10.1039/c0dt01787f Published: 2011
239.	Mechanochemical synthesis in copper(II) halide/pyridine systems: single crystal X-ray diffraction and IR spectroscopic studies Author(s): Bowmaker, GA.; Di Nicola, C; Pettinari, C ; Skelton, BW; Somers, N; White, AH. Source: DALTON TRANSACTIONS Volume: 40 Issue: 18 Pages: 5102-5115 DOI: 10.1039/c1dt10224a Published: 2011
240.	Synthesis, characterization and behaviour in solution of organotin complexes based on azole ligands. Single crystal X-ray study of dichlorodimethylbis(1,2,3-benzotriazole)tin(IV) Author(s): Di Nicola, C; Marchetti, F; Pettinari, C; Skelton, BW; White, AH . Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 14 Issue: 1 Pages: 133-136 DOI: 10.1016/j.inoche.2010.10.004 Published: JAN 2011
241.	Europium(III) and Terbium(III) Luminescent Lanthanidomesogens Author(s): Szerb, EI.; Crispini, A; La Deda, M; Pucci, D; Liguori, PF; Pettinari, C . Source: MOLECULAR CRYSTALS AND LIQUID CRYSTALS Volume: 549 Special Issue: SI Pages: 86-99 DOI: 10.1080/15421406.2011.581149 Published: 2011
242.	Binuclear diorganotin(IV) complexes with bis(O,O '-4-acyl-5-pyrazolonato) bis(bidentate) ligands Author(s): Effendy; Marchetti, F; Marinelli, A; Pettinari, C ; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 366 Issue: 1 Pages: 388-393 DOI: 10.1016/j.ica.2010.11.026 Published: JAN 30 2011
243.	Novel bis(beta-diketonato)diorganotin(IV) derivatives containing bulky 4-acyl-5-pyrazolonato ligands: Influence of the steric hindrance of the acyl moiety on the solid state structures of tin complexes and their behaviour in solution Author(s): Caruso, F; Di Nicola, C; Hanna, JV; Marchetti, F; Pettinari, C ; Pettinari, R; Rossi, M; Rees, GJ; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 367 Issue: 1 Pages: 73-84 DOI: 10.1016/j.ica.2010.12.008 Published: FEB 28 2011
244.	Novel triorganotin(IV) complexes of beta-diketonates bearing two heterocycles in their structures Author(s): Pettinari, C ; Marchetti, F; Timokhin, I; Marinelli, A; Di Nicola, C; Skelton, BW; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 367 Issue: 1 Pages: 98-107 DOI: 10.1016/j.ica.2010.12.002 Published: FEB 28 2011
245.	Coordination Chemistry of the (η⁶-p-Cymene)ruthenium(II) Fragment with Bis-, Tris-, and Tetrakis(pyrazol-1-yl)borate Ligands: Synthesis, Structural, Electrochemical, and Catalytic Diastereoselective Nitroaldol Reaction Studies Author(s): Pettinari, C ; Marchetti, F; Cerquetella, A; Pettinari, R; Monari, M; Mac Leod, TCO; Martins, LMDR S; Pombeiro, AJL Source: ORGANOMETALLICS Volume: 30 Issue: 6 Pages: 1616-1626 DOI: 10.1021/om101146q Published: MAR 28 2011
246.	Cobalt, nickel, copper and cadmium coordination polymers containing the bis(1,2,4-triazolyl)methane ligand Author(s): Marchetti, F; Masciocchi, N; Albisetti Figini, A; Pettinari, C ; Pettinari, R. Source: INORGANICA CHIMICA ACTA Volume: 373 Issue: 1 Pages: 32-39 DOI: 10.1016/j.ica.2011.03.037 Published: JUL 15 2011
247.	Solution and mechanochemical syntheses, and spectroscopic and structural studies in the silver(I) (bi)carbonate: triphenylphosphine system Author(s): Bowmaker, GA.; Effendy; Hanna, JV; Healy, PC; King, SP; Pettinari, C ; Skelton, BW; White, AH. Source: DALTON TRANSACTIONS Volume: 40 Issue: 27 Pages: 7210-7218 DOI: 10.1039/c1dt10416k Published: JUL 21 2011
248.	Synthesis, spectroscopic and structural characterization of some novel adducts of copper(II) salts with unidentate nitrogen bases Author(s): Bowmaker, GA.; Di Nicola, C; Marchetti, F; Pettinari, C ; Skelton, BW; Somers, N; White, AH. Source: INORGANICA CHIMICA ACTA Volume: 375 Issue: 1 Pages: 31-40 DOI: 10.1016/j.ica.2011.04.005 Published: SEP 1 2011
249.	Title: Synthesis, Antimicrobial and Antiproliferative Activity of Novel Silver(I) Tris(pyrazolyl)methanesulfonate and 1,3,5-Triaza-7-phosphadamantane Complexes Author(s): Pettinari, C ; Marchetti, F; Lupidi, G; Quassinti, L; Bramucci, M; Petrelli, D; Vitali, LA.; Guedes da Silva, MFC; Martins, LMDRS; Smolenski, P; Pombeiro, AJL. Source: INORGANIC CHEMISTRY Volume: 50 Issue: 21 Pages: 11173-11183 DOI: 10.1021/ic201714c Published: NOV 7 2011
250.	Pro-porous Coordination Polymers of the 1,4-Bis((3,5-dimethyl-1H-pyrazol-4-yl)-methyl)benzene Ligand with Late Transition Metals Author(s): Tabacaru, A; Pettinari, C ; Masciocchi, N; Galli, S; Marchetti, F; Angjellari, M.

	Source: INORGANIC CHEMISTRY Volume: 50 Issue: 22 Pages: 11506-11513 DOI: 10.1021/ic2013705 Published: NOV 21 2011
251.	Ruthenium(II) Arene Complexes Bearing Tris(pyrazolyl)methanesulfonate Capping Ligands. Electrochemistry, Spectroscopic, and X-ray Structural Characterization Marchetti, F; Pettinari, C ; Pettinari, R; Cerquetella, A; Martins, LMDRS.; Guedes da Silva, MFC; Silva, TFS.; Pombeiro, AJL. Source: ORGANOMETALLICS Volume: 30 Issue: 22 Pages: 6180-6188 DOI: 10.1021/om200713v Published: NOV 28 2011
252.	In vitro characteristics of 1-phenyl-3-methyl-4-acylpyrazol-5-ones iron chelators Author(s): Filipisky, T; Mladenka, P; Macakova, K; Hrdina, R; Saso, L; Marchetti, F; Pettinari, C . Source: BIOCHIMIE Volume: 94 Issue: 1 Pages: 125-131 DOI: 10.1016/j.biochi.2011.09.024 Published: JAN 2012
253.	Mechanochemical and solution synthesis, X-ray structure and IR and P-31 solid state NMR spectroscopic studies of copper(I) thiocyanate adducts with bulky monodentate tertiary phosphine ligands Author(s): Bowmaker, GA.; Hanna, JV.; Hart, RD.; Healy, PC; King, SP; Marchetti, F; Pettinari, C ; Skelton, BW; Tabacaru, A; White, AH. Source: DALTON TRANSACTIONS Volume: 41 Issue: 25 Pages: 7513-7525 DOI: 10.1039/c2dt30579h Published: 2012
254.	"Green light" for Zn(II) mesogens Author(s): Pucci, D; Crispini, A; Ghedini, M; La Deda, M; Liguori, PF.; Pettinari, C ; Szerb, EI. Source: RSC ADVANCES Volume: 2 Issue: 24 Pages: 9071-9078 DOI: 10.1039/c2ra20700a Published: 2012
255.	Ruthenium-Arene Complexes of Curcumin: X-Ray and Density Functional Theory Structure, Synthesis, and Spectroscopic Characterization, in Vitro Antitumor Activity, and DNA Docking Studies of (p-Cymene)Ru(curcuminato)chloro Author(s): Caruso, F; Rossi, M; Benson, A; Opazo, C; Freedman, D; Monti, E; Gariboldi, MB; Shaulky, J; Marchetti, F; Pettinari, R; Pettinari, C . Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 55 Issue: 3 Pages: 1072-1081 DOI: 10.1021/jm200912j Published: FEB 9 2012
256.	The Question of cis versus trans Configuration in Octahedral Metal Diketonates: An In-Depth Investigation on Diorganobis(4-acyl-5-pyrazolonato)tin(IV) Complexes Author(s): Caruso, F; Chan, EJ; Hanna, JV; Marchetti, F; Pettinari, C ; Di Nicola, C; Pettinari, R; Pizzabiocca, A; Rees, GJ; Quigley, D; Rossi, M; Skelton, BW; Sobolev, AN; White, AH. Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 9 Special Issue: SI Pages: 1369-1379 DOI: 10.1002/efjc.201101050 Published: MAR 2012
257.	Synthesis of a Photoluminescent and Triboluminescent Copper(I) Compound: An Experiment for an Advanced Inorganic Chemistry Laboratory Author(s): Marchetti, F; Di Nicola, C; Pettinari, R; Timokhin, I; Pettinari, C . Source: JOURNAL OF CHEMICAL EDUCATION Volume: 89 Issue: 5 Pages: 652-655 DOI: 10.1021/ed2001494 Published: MAY 2012
258.	Novel Coordination Frameworks Incorporating the 4,4'-Bipyrazolyl Ditopic Ligand Author(s): Pettinari, C ; Tabacaru, A; Boldog, I; Domasevitch, KV; Galli, S; Masciocchi, N. Source: INORGANIC CHEMISTRY Volume: 51 Issue: 9 Pages: 5235-5245 DOI: 10.1021/ic3001416 Published: MAY 7 2012
259.	New Coordination Polymers and Porous Supramolecular Metal Organic Network Based on the Trinuclear Triangular Secondary Building Unit [Cu₃(μ³-OH)(μ-pz)₃]²⁺ and 4,4'-Bipyridine. Author(s): Di Nicola, C; Garau, F; Gazzano, M; Guedes da Silva, MFC; Lanza, A; Monari, M; Nestola, F; Pandolfo, L; Pettinari, C ; Pombeiro, AJL. Source: CRYSTAL GROWTH & DESIGN Volume: 12 Issue: 6 Pages: 2890-2901 DOI: 10.1021/cg300080a Published: JUN 2012
260.	Water-soluble heterometallic copper(II)-sodium complex comprising arylhydrazone of barbituric acid as a ligand Author(s): Mahmudov, KT.; Guedes da Silva, MFC.; Glucini, M; Renzi, M; Gabriel, KCP; Kopylovich, MN; Sutradhar, M; Marchetti, F; Pettinari, C ; Zamponi, S; Pombeiro, AJL. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 22 Pages: 187-189 DOI: 10.1016/j.inoche.2012.06.008 Published: AUG 2012
261.	Synthesis and physico-chemical properties of a novel series of aromatic electron acceptors based on N-heterocycles Author(s): Furdui, B; Dinica, RM.; Tabacaru, A; Pettinari, C . Source: TETRAHEDRON Volume: 68 Issue: 31 Pages: 6164-6168 DOI: 10.1016/j.tet.2012.05.077 Published: AUG 5 2012
262.	Foreword Author(s): Adams, Richard D.; Pettinari, C . Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 714 DOI: 10.1016/j.jorganchem.2012.02.023 Published: SEP 1 2012
263.	Coordination polymers based on trinuclear and mononuclear copper-pyrazolate building moieties connected by fumarate or 2-methylfumarate ions Author(s): Di Nicola, C; Forlin, E; Garau, F; Lanza, A; Natile, MM; Nestola, F; Pandolfo, L; Pettinari, C . Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 714 DOI: 10.1016/j.jorganchem.2012.03.026 Published: SEP 1 2012
264.	Antibacterial Action of 4,4'-Bipyrazolyl-Based Silver(I) Coordination Polymers Embedded in PE Disks.

	Author(s): Tabacaru, A; Pettinari, C.; Marchetti, F.; di Nicola, C.; Domasevitch, KV; Galli, S.; Masciocchi, N; Scuri, S; Grappasonni, I; Cocchioni M. Source: Inorganic chemistry Volume: 51 Issue: 18 Pages: 9775-88 DOI: 10.1021/ic3011635 Published: SEP 2012
265.	Di- and polynuclear silver(I) derivatives with a new multitopic pyrimidine-base tri-thioether ligand Author(s): Mizar, A.; Pettinari, C.; Marchetti, F.; Timokhin, I.; Crispini, A. Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 24 Pages: 20-23 DOI: 10.1016/j.inoche.2012.07.019 Published: OCT 2012
266.	Title: Rigidity versus flexibility of the ligand upon the porosity degree of new metal-organic polymeric materials Author(s): Tabacaru, A; Pettinari, C.; Pettinari, R.; Angjellari, M. Source: REVUE ROUMAINE DE CHIMIE Volume: 57 Issue: 9-10 Pages: 871-875 Published: SEP-OCT 2012
267.	Title: Arene-Ru^{II} Complexes of Curcumin Exert Antitumor Activity via Proteasome Inhibition and Apoptosis Induction Author(s): Bonfili, L.; Pettinari, R.; Cuccioloni, M.; Cecarini, V.; Mozzicafreddo, M.; Angeletti, M.; Lupidi, G.; Marchetti, F.; Pettinari, C.; Eleuteri, AM. Source: CHEMMEDCHEM Volume: 7 Issue: 11 Pages: 2010-2020 DOI: 10.1002/cmdc.201200341 Published: NOV 2012
268.	Title: Theoretical and experimental characterization of pyrazolato-based Ni(II) metal-organic frameworks Author(s): Albanese, E; Civalieri, B.; Ferrabone, M.; Bonino, F.; Galli, S.; Maspero, A.; Pettinari, C. Source: JOURNAL OF MATERIALS CHEMISTRY Volume: 22 Issue: 42 Pages: 22592-22602 DOI: 10.1039/c2jm34079h Published: NOV 14 2012
269.	Title: Oligo-nuclear silver thiocyanate complexes with monodentate tertiary phosphine ligands, including novel 'cubane' and 'step' tetramer forms of AgSCN:PR₃ (1:1)₄ Author(s): Bowmaker, Graham A.; Di Nicola, Corrado; Effendy; Hanna, JV.; Healy, PC; King, SP.; Marchetti, F.; Pettinari, C.; Robinson WT.; Skelton BW.; Sobolev, AN.; Tabacaru, A.; White AH. Source: DALTON TRANSACTIONS Volume: 42 Issue: 1 Pages: 277-291 DOI: 10.1039/c2dt31853a Published: 2013
270.	Title: Coordination Polymers Based on the Trinuclear Triangular Secondary Building Unit [Cu₃(μ³-OH)(μ-pz)₃]²⁺ (pz = pyrazolate) and Succinate Anion Author(s): Di Nicola, C.; Forlin, E.; Garau, F.; Gazzano, M.; Lanza, A.; Monari, M.; Nestola, F.; Pandolfo, L.; Pettinari, C.; Zorzi, A.; Zorzi, F. Source: CRYSTAL GROWTH & DESIGN Volume: 13 Issue: 1 Pages: 126-135 DOI: 10.1021/cg3012712 Published: JAN 2013
271.	Title: New water-soluble polypyridine silver(I) derivatives of 1,3,5-triaza-7-phosphaadamantane (PTA) with significant antimicrobial and antiproliferative activities Author(s): Smolenski, P.; Jaros, S. W.; Pettinari, C.; Lupidi, G.; Quassinti, L.; Bramucci, M.; Vitali, LA.; Petrelli, D.; Kochel, A.; Kirillov, MA. Source: DALTON TRANSACTIONS Volume: 42 Issue: 18 Pages: 6572-6581 DOI: 10.1039/c3dt33026e Published: 2013
272.	Group 11 complexes with the bidentate di(1H-indazol-1-yl)methane and di(2H-indazol-2-yl)methane ligands Author(s): Pettinari, C.; Marchetti, F.; Orbisaglia, S.; Pettinari, R.; Ngoune, J.; Gomez, M.; Santos, C.; Álvarez, E. Source: CRYSTENGCOMM Volume: 15 Issue: 19 Pages: 3892-3907 DOI: 10.1039/c3ce40355f Published: 2013
273.	Cytotoxicity of Ruthenium-Arene Complexes Containing beta-Ketoamine Ligands Author(s): Pettinari, R.; Pettinari, C.; Marchetti, F.; Clavel, CM.; Scopelliti, R.; Dyson, PJ. Source: ORGANOMETALLICS Volume: 32 Issue: 1 Pages: 309-316 DOI: 10.1021/om301115e Published: JAN 14 2013
274.	Title: A supramolecular copper(II) compound with double bridging water ligands: synthesis, crystal structure, spectroscopy, thermal analysis, and magnetism Author(s): Ngoune, J.; Di Nicola, C.; Nenwa, J.; Pettinari, C.; Álvarez, E; Ponou, S. Source: TRANSITION METAL CHEMISTRY Volume: 38 Issue: 1 Pages: 21-29 DOI: 10.1007/s11243-012-9656-6 Published: FEB 2013
275.	Title: Mixed-ligand Cu(II)-vanillin Schiff base complexes; effect of coligands on their DNA binding, DNA cleavage, SOD mimetic and anticancer activity Author(s): Tabassum, S.; Amir, S.; Arjmand, F.; Pettinari, C.; Marchetti, F.; Masciocchi, N; Lupidi, G.; Pettinari, R. Source: EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY Volume: 60 Pages: 216-232 DOI: 10.1016/j.ejmech.2012.08.019 Published: FEB 2013
276.	Title: A novel series of antitumor ruthenium beta-diketonato compounds Author(s): Matthews, J; Caruso, F; Pettinari, C.; Marchetti, F.; Pettinari, R.; Gariboldi, M.; Rossi, M. Source: FASEB JOURNAL Volume: 27 Meeting Abstract: 975.5 Published: APR 2013
277.	Title: Synthesis, properties, and antitumor effects of a new mixed phosphine gold(I) compound in human colon cancer cells Author(s): Lupidi, G.; Avenali, L.; Bramucci, M.; Quassinti, L.; Pettinari, R.; Khalile, HK.; Gali-Muhtasib, H.; Marchetti, F.; Pettinari, C. Source: JOURNAL OF INORGANIC BIOCHEMISTRY Volume: 124 Pages: 78-87 DOI: 10.1016/j.jinorgbio.2013.03.014 Published: JUL 2013

278.	Dioxomolybdenum(VI) Complexes with Acylpyrazolonate Ligands: Synthesis, Structures, and Catalytic Properties Author(s): Hills, L.; Moyano, R.; Montilla, F.; Pastor, A.; Galindo, A.; Álvarez, E.; Marchetti, F.; Pettinari, C. Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 19 Pages: 3352-3361 DOI: 10.1002/ejic.201300098 Published: JUL 2013
279.	Boron Functionalization and Unusual B-C Bond Activation in Rhodium(III) and Iridium(III) Complexes with Diphenylbis(pyrazolylborate) Ligands (Ph₂Bp) Author(s): Pettinari, R.; Pettinari, C.; Marchetti, F.; Monari, M.; Mosconi, E.; De Angelis, F. Source: ORGANOMETALLICS Volume: 32 Issue: 14 Pages: 3895-3902 DOI: 10.1021/om400375j Published: JUL 22 2013
280.	Enlarging an Isorecticular Family: 3,3',5,5'-Tetramethyl-4,4'-bipyrazolato-Based Porous Coordination Polymers Authors: Tabacaru, A.; Pettinari, C.; Timokhin, I.; Marchetti, F.; Carrasco-Marin, F.; Maldonado, F. J.; Galli, S.; Masciocchi, N. Source: CRYSTAL GROWTH & DESIGN Volume: 13 Issue: 7 Pages: 3087-3097 DOI: 10.1021/cg400495w Published: JUL 2013
281.	Organosilicon linkers in metal organic frameworks: the tetrahedral tetrakis(4-tetrazolylphenyl)silane ligand Authors: Timokhin, I.; Torres, J.B.; White, A.J.P.; Lickiss, P. D.; Pettinari, C.; Davies, R.P. Source: DALTON TRANSACTIONS Volume: 42 Issue: 38 Pages: 13806-13808 DOI: 10.1039/c3dt51863a Published: 2013
282.	Half-Sandwich Rhodium(III), Iridium(III), and Ruthenium(II) Complexes with Ancillary Pyrazole-Based Ligands Authors: Pettinari, C.; Pettinari, R.; Di Nicola, C.; Marchetti, F. Source: in "Advances in Organometallic Chemistry and Catalysis: The Silver/Gold Jubilee International Conference on Organometallic Chemistry Celebratory Book" A. J. L. Pombeiro Editor, John Wiley & Sons, Inc., Hoboken, NJ, USA, 2013, Chapter 21, p. 269-284. ISBN: 9781118510148. DOI: 10.1002/9781118742952.ch21. Published: 2014
283.	Synthesis, characterization and crystal structure of new scorpionate complexes with the hydrotris[3-(2'-thienyl)pyrazol-1-yl]borate ligand Authors: Pettinari, C.; Marchetti, F.; Orbisaglia, S.; Palmucci, J.; Pettinari, R.; Di Nicola, C.; Skelton, B. W.; White, A. H. Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Volume: 2014 Pages: 546-558. DOI: 10.1002/ejic.201301153. Published JAN 2014
284.	A Teaching Sequence on the Construction of the Concept of Chemical Equilibrium in Secondary School Education Authors: Ghirardi, M.; Marchetti, F.; Pettinari, C.; Regis, A.; Roletto, E. Source: JOURNAL OF CHEMICAL EDUCATION. Volume: 91 Issue: 1 Pages: 59-65 DOI: 10.1021/ed3002336. Published JAN 2014
285.	Evaluation of (arene)Ru(II) complexes of curcumin as inhibitors of dipeptidyl peptidase IV Authors: Antonyan, A.; De, A.; Pettinari, R.; Marchetti, F.; Gigliobianco, M. R.; Pettinari, C.; Camaioni, E.; Vitali, L. Source: BIOCHIMIE Volume: 99C Issue: 7 Pages: 146-152 DOI: 10.1016/j.biochi.2013.11.021 Published APR 2014
286.	New Ru-II(arene) Complexes with Halogen- Substituted Bis- and Tris(pyrazol-1-yl) borate Ligands Author(s): Orbisaglia, S.; Di Nicola, C.; Marchetti, F.; Pettinari, C.; Pettinari, R.; Martins, L.M.D.R.S.; Alegria, E.C.B.A.; da Silva, M.F.C.G.; Kuznetsov, M.L.; Pombeiro, A.J.L.; Skelton, B.W.; Sobolev, A.N.; White, A.H. Source: CHEMISTRY-A EUROPEAN JOURNAL, Volume: 20, Issue: 13 Pages: 3689-3704 DOI: 10.1002/chem.201304406 Published: MAR 24 2014
287.	Synthesis, Crystal Structure and Cytotoxicity of New Pt(II) Complexes with 4-acyl-5-pyrazolones Author(s): De Pascali, S.; Migoni, D.; Monari, M.; Pettinari, C.; Marchetti, F.; Fanizzi, F. P. Source: EUROPEAN JOURNAL OF CHEMISTRY Volume: 2014 Issue: 7 Pages: 1249-1259 DOI: 10.1002/ejic.201301479 Published MAR 2014
288.	Microwave-assisted and solvent-free peroxidative oxidation of 1-phenylethanol to acetophenone with a Cu^{II}-TEMPO catalytic system Author(s): Sabbatini, A.; Martins, L. M. D. R. S.; T. Mahmudov, K. T.N.; Kopylovich, M.; Dreve M.G.B.; Pettinari, C.; Pombeiro, A. J. L. Source: CATALYSIS COMMUNICATIONS Volume: 48 Pages: 69-72 DOI: 10.1016/j.catcom.2014.01.024 Published: MARCH 2014
289.	Influence of the solvent in the formation of different 1D and 2D coordination polymers from the reaction of copper(II) phthalate with pyrazole Author(s): Di Nicola, C.; Garau, F.; Lanza, A.; Monari, M.; Pandolfo, L.; Pettinari, C.; Zorzi, A. Source: INORGANICA CHIMICA ACTA Volume: 416 Pages: 186-194 DOI: 10.1016/j.ica.2014.03.024 Published: MARCH 2014
290.	Synthesis, Characterization, and Antitumor Activity of Water-Soluble (Arene)ruthenium(II) Derivatives of 1,3-Dimethyl-4-acylpyrazolon-5-ato Ligands. First Example of Ru(arene)(ligand) Antitumor Species Involving Simultaneous Ru-N7(guanine) Bonding and Ligand Intercalation to DNA Author(s): Caruso, F.; Monti, E.; Matthews, J.; Rossi, M.; Gariboldi, M. B.; Pettinari, C.; Pettinari, R.; Marchetti, F. Source: INORGANIC CHEMISTRY Volume: 53 Pages: 3668-3677 DOI: doi.org/10.1021/ic403170y Published: MARCH 2014
291.	Unsolvated ruthenium(II) benzene dichloride: The beta polymorph Author(s): Galli, S.; Giacobbe, C.; Tabacaru, A.; Xhaferaj, N.; Pettinari, C.

	Source: JOURNAL MOLECULAR STRUCTURE Volume: 1067 Pages: 233-238 DOI: 10.1016/j.molstruc.2014.03.046 Published: JUN 2014
292.	Microporous metal–organic frameworks built from rigid tetrahedral tetrakis(4-tetrazolylphenyl)silane connectors Author(s): Timokhin, I.; White, A. J. P.; Lickiss, P. D.; Pettinari, C. ; Davies, R. P. Source: CRYSTENGCOMM Volume: 16 Pages: 8094-8097 DOI: 10.1039/c4ce00486h Published: 2014
293.	Arene-Ruthenium(II) Acylpyrazolonato Complexes: Apoptosis-Promoting Effects on Human Cancer Cells Author(s): Pettinari, R.; Pettinari, C. ; Marchetti, F.; Skelton, B. W.; White, A. H.; Bonfili, A.; Cuccioloni, M.; Mozzicafreddo, M.; Cecarini, V.; Angeletti, M.; Nabissim M.; Eleuteri, A. Source: JOURNAL OF MEDICINAL CHEMISTRY, Volume: 57, Issue: 11 Pages: 4532-4542 DOI: 10.1021/jm500458c Published: JUN 2014
294.	Ruthenium(II) Arene RAPTA Type Complexes Containing Curcumin and Bisdemethoxycurcumin Display Potent and Selective Anticancer Activity Author(s): Pettinari, R.; Marchetti, F.; Condello, F.; Pettinari, C. ; Lupidi, G.; Scopelliti, R.; Mukhopadhyay, S.; Riedel, T.; Dyson, P. J. Source: ORGANOMETALLICS, Volume: 33, Issue: 11 Pages: 3709-3715 DOI: 10.1021/om500317b Published: JUL 2014
295.	Special Issue 2013 International Summer School on Chemistry Preface Author(s): Pettinari, C. ; Adams R. D. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY, Volume: 771, Pages: 1 DOI: 10.1016/j.jorganchem.2014.09.014 Published: 2014
296.	Bis(pyrazolato)-Based Metal-Organic Frameworks Fabricated with 4,4'-Bis((3,5-dimethyl-1H-pyrazol-4-yl)methyl)biphenyl and Late Transition Metals Author(s): Tabacaru, A.; Pettinari, C. ; Marchetti, F.; Galli, S.; Masciocchi, N. Source: CRYSTAL GROWTH & DESIGN, Volume: 14, Issue: 6 Pages: 3142-3152 DOI: 10.1021/cg500459v Published: JUN 2014
297.	Organometallic ruthenium(II) scorpionate as topo II alpha inhibitor; in vitro binding studies with DNA, HPLC analysis and its anticancer activity Author(s): Khan, R.A.; Arjmand, F.; Tabassum, S.; Monari, M.; Marchetti, F.; Pettinari, C. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY, Volume: 771 Pages: 47-58 Special Issue: SI DOI: 10.1016/j.jorganchem.2014.05.013 Published: NOV 15 2014
298.	Quantification, Microbial Contamination, Physico-chemical Stability of Repackaged Bevacizumab Stored Under Different Conditions Author(s): Signorello, L.; Pucciarelli, S.; Bonacucina, G.; Polzonetti, V.; Cespi, M.; Perinelli, D.R.; Palmieri, G.; Pettinari, R.; Pettinari, C. ; Fiorentini, G.; Vincenzetti, S. Source: CURRENT PHARMACEUTICAL BIOTECHNOLOGY, Volume: 15, Issue: 2 Pages: 113-119 Published: 2014
299.	Organo-tin antitumor compounds: Their present status in drug development and future perspectives Author(s): Arjmand, F.; Parveen, S.; Tabassum, S.; Pettinari, C. Source: INORGANICA CHIMICA ACTA, Volume: 423, Pages: 26-37, Part: B Published: NOV 1 2014
300.	Cooperative Metal Ligand Assisted E/Z Isomerization and Cyano Activation at Cu-II and Co-II Complexes of Arylhydrazones of Active Methylene Nitriles Author(s): Mahmudov, K.T.; Koplovich, M.N.; Sabbatini, A.; Drew, M.G.B.; Martin, L.M.D.R.S.; Pettinari, C.; Pombeiro, A.J.L. Source: INORGANIC CHEMISTRY, Volume: 53, Issue: 18 Pages: 9946-9958 DOI: 10.1021/ic501704g Published: SEP 15 2014
301.	Electrochemical Properties of (η^5-C₅Me₅)-Rhodium and-Iridium Complexes Containing Bis (pyrazolyl) alkane Ligands Author(s): Martins, L.M.D.R.S.; Pettinari, C. ; Marchetti, F.; Alegria, E.C.B.A.; Pombeiro, A. J. L. Source: PORTUGALIAE ELECTROCHIMICA ACTA, Volume: 32, Issue: 4 Pages: 253-257. DOI: 10.4152/pea.201404253
302.	Complexes of Copper(I) Thiocyanate with Monodentate Phosphine and Pyridine Ligands and the P(N)-Donor Diphenyl(2-pyridyl)phosphine Author(s): Bowmaker, G.A.; Hanna, J.V.; King, S.P.; Marchetti, F.; Pettinari, C. ; Pizzabiocca, A.; Skelton, B.W.; Sobolev, A.N.; Tabacaru, A.; White, A.H. Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, Issue: 35 Pages: 6104-6116 DOI: 10.1002/ejic.201402791 Published: DEC 2014
303.	Synthesis, Structure, and Antiproliferative Activity of Ruthenium (II) Arene Complexes with N, O-Chelating Pyrazolone-Based β-Ketoamine Ligands Author(s): Pettinari, R.; Marchetti, F.; Pettinari, C. ; Petrini, A.; Scopelliti, R.; Clavel, C.M.; Dyson, P. J. Source: INORGANIC CHEMISTRY, Volume 53, Issue: 24 , Pages: 13105-13111 DOI: 10.1021/ic502274b Published: NOV 20 2014
304.	Vapochromic properties versus metal ion coordination of beta-bispyrazolato- copper(II) coordination polymers: a first-principles investigation Author(s): Casarin, M.; Forrer, D.; Pandolfo, L.; Pettinari, C. ; Vittadini, A. Source: CRYSTENGCOMM, Volume: 17, Issue: 2 Pages: 407-411 DOI: 10.1039/c4ce01373e Published: 2015
305.	Ab initio investigation of the affinity of novel bipyrazolate-based MOFs towards H-2 and CO2 Author(s): Baima, M.; Macchieraldo, R.; Pettinari, C. ; Casassa, S. Source: CRYSTENGCOMM, Volume: 17, Issue: 2 Pages: 448-455

	DOL: 10.1039/c4ce01989j Published: 2015
306.	Syntheses, Structures, and Antimicrobial Activity of New Remarkably Light-Stable and Water-Soluble Tris(pyrazolyl)methanesulfonate Silver(I) Derivatives of N-Methyl-1,3,5-triaza-7-phosphaadamantane Salt - [mPTA]BF₄ Author(s): Smoleński, P.; Pettinari, C. ; Marchetti, F.; Guedes da Silva, M. F. C.; Lupidi, G.; Badillo, Patzmay, G. V.; Petrelli, D.; Vitali, L. A.; Pombeiro, A. J. L. Source: INORGANIC CHEMISTRY, Volume: 54, Issue: 2, Pages: 434-440 DOI: 10.1021/ic501855k Published: DEC 22 2014
307.	Novel Composite Plastics Containing Silver(I) Acylpyrazolonato Additives Display Potent Antimicrobial Activity by Contact Author(s): Marchetti, F.; Palmucci, J.; Pettinari, C. ; Pettinari, R.; Condello, F.; Ferraro, S.; Marangoni, M.; Crispini, A.; Scuri, S.; Grappasonni, I.; Cocchioni, M.; Gobetto, R.; Chierotti, L. Source: CHEMISTRY – A EUROPEAN JOURNAL, Volume: 21, Issue: 2, Pages: 836-850 DOI: 10.1002/chem.201404812 Published: JAN 7 2015
308.	Interaction of the Trinuclear Triangular Secondary Building Unit [Cu₃(μ³-OH)(μ-pz)₃]²⁺ with 4,4'-Bipyridine. Structural Characterizations of New Coordination Polymers and Hexanuclear Cull Clusters. 2° Author(s): Di Nicola, C.; Garau, F.; Gazzano, M.; Lanza, A.; Monari, M.; Nestola, F.; Pandolfo, L.; Pettinari, C. Source: CRYSTAL GROWTH & DESIGN, Volume: 15, Issue: 3, Pages: 1259-1272 DOI: 10.1021/cg501647r Published: MAR 2015
309.	Novel Coordination Polymers with (Pyrazolato)-Based Tectons: Catalytic Activity in the Peroxidative Oxidation of Alcohols and Cyclohexane Author(s): Timokhin, I.; Pettinari, C. ; Marchetti, F.; Pettinari, R.; Condello, F.; Galli, S.; Alegria, ECBA; Martins, LMDRS; Pombeiro, A. J. L. Source: CRYSTAL GROWTH & DESIGN, Volume: 15, Issue: 5, Pages: 2303-2317 DOI: 10.1021/acs.cgd5b00083 Published: MAY 2015
310.	Implementing an Equilibrium Law Teaching Sequence for Secondary School Students To Learn Chemical Equilibrium Author(s): Ghirardi, M.; Marchetti, F.; Pettinari, C. ; Regis, A.; Roletto, E. Source: JOURNAL OF CHEMICAL EDUCATION, Volume: 92, Issue: 6, Pages: 1008-1015 DOI: 10.1021/ed500658s Published: JUN 2015
311.	Dinuclear (eta(6)-arene) ruthenium(II) acylpyrazolone complexes: Synthesis, characterization and cytotoxicity Author(s): Pettinari, R.; Marchetti, F.; Pettinari, C. ; Petrini, A.; Skelton, B. W.; White, A. H.; Bonfili, L.; Cuccioloni, M.; Eleuteri, A. M. Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY, Volume: 791, Pages: 1-5 DOI: 10.1016/j.jorganochem.2015.04.049 Published: AUGU 2015
312.	Synthesis of novel lanthanide acylpyrazolonato ligands with long aliphatic chains and immobilization of the Tb complex on the surface of silica pre-modified via hydrophobic interactions Author(s): Pettinari, C. ; Marchetti, F.; Pettinari, R.; Belousov, Y. A.; Taydakov, I. V.; Krasnobrov, V.; Petukhov, D. I.; Drozdov, A. A. Source: DALTON TRANSACTIONS, Volume: 44, Issue 33; Pages: 14887-14895 DOI: 10.1039/c5dt01964h Published: 2015
313.	Nickel(II) and copper(I,II)-based metal-organic frameworks incorporating an extended trispyrazolate linker Author(s): Tabacaru, A.; Galli, S.; Pettinari, C. ; Masciocchi, N.; McDonald, T.M.; Long, J. R. Source: CRYSTENGCOMM, Volume: 17, Issue 27; Pages: 4992-5001 DOI: 10.1039/c5ce00561b Published: 2015
314.	Recent advances in acylpyrazolone metal complexes and their potential applications Author(s): Marchetti, F.; Pettinari, R.; Pettinari, C. Source: COORDINATION CHEMISTRY REVIEWS, Volume 303, Page: 1-31 DOI: 10.1016/j.ccr.2015.05.003 Published: NOV 1 2015
315.	Arylhydrazones of barbituric acid: synthesis, coordination ability and catalytic activity of their Co-II, Co-II/III and Cu-II complexes toward peroxidative oxidation of alkanes Author(s): Palmucci, J.; Mahmudov, K.T.; Guedes da Silva, F.M.C.G.; Martins, L.M.D.R.S.; Marchetti, F.; Pettinari, C. ; Pombeiro A. J. L. Source: RSC ADVANCES, Volume 5, Issue 102, Pages: 84142-84152 DOI: 10.1039/c5ra14088a Published DEC1 2015
316.	Synthesis and Structural Characterizations of New Coordination Polymers Generated by the Interaction Between the Trinuclear Triangular SBU [Cu₃(μ³-OH)(μ-pz)₃]²⁺ and 4,4'-Bipyridine. 3° Author(s): Condello, F.; Garau, F.; Lanza, A.; Monari, M.; Nestola, F.; Pandolfo, L.; Pettinari, C. Source: CRYSTAL GROWTH & DESIGN, Volume: 15, Issue: 10, Pages: 4854-4862 DOI: 10.1021/acs.cgd.5b00661 , Published: OCT 2015
317.	Organometallic rhodium(III) and iridium(III) cyclopentadienyl complexes with curcumin and bisdemethoxycurcumin co-ligands Author(s): Pettinari, R.; Marchetti, F.; Pettinari, C. ; Condello F.; Petrini, A.; Scopelliti, R.; Riedel T., Dyson, P. J. Source: DALTON TRANSACTIONS, Volume 44, Issue 47, Page 20523-20531 . DOI: 10.1039/c5dt03037d , Published: 2015
318.	Reaction of Copper(II) Chloroacetate with Pyrazole. Synthesis of a One-Dimensional Coordination Polymer and Unexpected Dehydrochlorination Reaction

	Author(s): Carlotto, S.; Casarin M.; Lanza, A.; Nestola, F.; Pandolfo, L.; Pettinari, C.; Scatena, R. Source: CRYSTAL GROWTH & DESIGN, Volume: 15, Issue: 12, Pages: 5910-5918 DOI: 10.1021/acs.cgd.5b01365, Published: DEC 2015
319.	Coordination polymers and metal-organic frameworks based on poly(pyrazole)-containing ligands Author(s): Pettinari, C., Tabacaru A., Galli S., Source: COORDINATION CHEMISTRY REVIEWS, Volume 307, Page 1-31. DOI: 10.1016/j.ccr.2015.08.005, Published: 15 JAN 2016
320.	DNA and BSA binding, anticancer and antimicrobial properties of Co(II), Co(II/III), Cu(II) and Ag(I) complexes of arylhydrazones of barbituric acid Author(s): Palmucci, J.; Mahmudov, K.T., Guedes da Silva, F.M.C.G; Martins, Marchetti, F.; Pettinari, C.; Petrelli, D.; Vitali, L. A.; Quassinti, L.; Bramucci, M.; Lupidi, G.; Pombeiro A. J. L. Source: RSC ADVANCES, Volume 6, Issue 5, Pages: 4237-4249 DOI: 10.1039/c5ra20157h Published 2016
321.	Self-assembly of arene ruthenium acylpyrazolone fragments to tetranuclear metallacycles. Molecular structures and solid-state N-15 CPMAS NMR correlations Author(s): Pettinari, R.; Marchetti, F.; Pettinari, C.; Condello, F.; Skelton, B.W.; White, A.H.; Chierotti, M. R.; Gobetto, R. Source: DALTON TRANSACTIONS, Volume: 45, Issue 9; Pages: 3974-3982 DOI: 10.1039/c6dt00168h Published: 2016
322.	A ruthenium derivative of quercetin with enhanced cholesterol-lowering activity Author(s): Cuccioloni, M.; Bonfili, L.; Mozzicafreddo, M.; Cecarini, V.; Pettinari, R.; Condello, F.; Pettinari, C.; Marchetti, F.; Angeletti, M.; Eleuteri, A.M. Source: RSC ADVANCES, Volume 6, Issue 46, Pages: 39636-39641 DOI: 10.1039/c6ra06403e Published 2016
323.	The water soluble ruthenium(II) organometallic compound [Ru(p-cymene)(bis(3,5 dimethylpyrazol-1-yl)methane)Cl]Cl suppresses triple negative breast cancer growth by inhibiting tumor infiltration of regulatory T cells. Author(s): Montani, M.; Pazmay Badillo, G. V.; Hysi, A.; Lupidi, G.; Pettinari, R.; Gambini V.; Tilio, M.; Marchetti, F, Pettinari, C.; Ferraro S.; Iezzi, M.; Marchini, C; Amici, A. Source: PHARMACOLOGICAL RESEARCH, Volume 107, Pages: 282-290 DOI: 10.1016/j.phrs.2016.03.032 Published May 2016
324.	Linkage Isomerism in Silver Acylpyrazolonato Complexes and Correlation with Their Antibacterial Activity Author(s): Marchetti F; Palmucci J, Pettinari, C; Pettinari, R; Scuri, S; Grappasonni I, Cocchioni M, Amati M, Lelj F, Crispini A. Source; INORGANIC CHEMISTRY, Volume 55, Issue 11, Pages 5453-5466 DOI: 10.1021/acs.inorgchem.6b00495 Published Jun 2016
325.	Metal Azolate/Carboxylate Frameworks as Catalysts in Oxidative and C-C Coupling Reactions Author(s): Tabacaru, A; Xhaferaj, N; Martins LMDRS; Alegria ECBA; Chay RS; Giacobbe, C; Domasevitch KV, Pombeiro, AJL, Galli S, Pettinari, C. Source: INORGANIC CHEMISTRY, Volume 55, Issue 12, Pages 5804-5817 DOI: 10.1021/acs.inorgchem.5b02997, Published: JUN 20 2016
326.	Scorpionate Compounds Author(s): Pettinari C Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, Issue: 15-16, Page 2209-2211 DOI: 10.1002/ejic.201600485, Published: JUN 2016
327.	My Memory of Jerry Trofimenko Author(s): Pettinari C Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, Issue: 15-16, Page 2209-2211 DOI: 10.1002/ejic.201600484 Published: JUN 2016
328.	Chapter Four-Golden Jubilee for Scorpionates: Recent Advances in Organometallic Chemistry and Their Role in Catalysis Author(s): Pettinari C, Pettinari R, Marchetti F Source: ADVANCES IN ORGANOMETALLIC CHEMISTRY , Vol. 65, Pages 175-260 Published: DEC 2016
329.	Synthesis, characterization and molecular structure of a zinc (II) formate-2, 2'-bipyridine mono-dimensional coordination polymer. Comparison with other 2, 2-bipyridine coordination compounds Author(s): Ngoune J, Anguille JJ, Nenwa J, Djimassinga G, Pettinari C, Alvarez E, Pandolfo L. Source: INORGANICA CHIMICA ACTA, Vol. 463, Pages 263-267 Published: NOV 2016
330.	The in vitro antitumor activity of arene-ruthenium (II) curcuminoid complexes improves when decreasing curcumin polarity Authors: Caruso F, Pettinari R, Rossi M, Monti E, Gariboldi MB, Marchetti F, Pettinari C, Caruso A, Ramani MV, Subbaraju GV Source: JOURNAL INORGANIC BIOCHEMISTRY Published: NOV 2016
331.	Group 9 and 10 complexes with the bidentate di(1H-indazol-1-yl)methane and di(2H-indazol-2-yl)methane ligands: synthesis and structural characterization Santos, C Gomez, M ; Alvarez, E; Ngoune, J; Marchetti, F; Pettinari, R ; Pettinari, C; SOURCE: NEW JOURNAL OF CHEMISTRY, Vol. 40, Issue 7, Pages 5695-5703 DOI: 10.1039/c5nj03135d

	Published: NOV 2016
332.	Preparation of Polyethylene Composites Containing Silver(I) Acylpyrazolonato Additives and SAR Investigation of their Antibacterial Activity Authors: Marchetti, F; Palmucci J, Pettinari C, Pettinari R, Marangoni M, Ferraro S, Giovannetti R, Scuri S, Grappasonni I, Cocchioni M SOURCE: ACS APPLIED MATERIALS & INTERFACES, Vol. 8, Issue 43, Pages 29676-29687 DOI: 10.1021/acsami.6b09742 Published: NOV 2 2016
333.	Investigating the Structural Features and Spectroscopic Properties of Bis(tetrazolato)-Based Coordination Polymers Authors: Lavigna, E; Xhaferaj, N; Tabacaru, A; Lamperti, M; Nardo, L; Mella, M; Pettinari, C; Galli, S. SOURCE: CRYSTAL GROWTH & DESIGN, Vol. 16, Issue 11, Page 6390-6404. DOI: 10.1021/acs.cgd.6b01056 Published: NOV 2016
334.	Synthesis, Structure, and Anticancer Activity of Arene-Ruthenium(II) Complexes with Acylpyrazolones Bearing Aliphatic Groups in the Acyl Moiety Authors: Palmucci, J; Marchetti, F; Pettinari, R; Pettinari, C; Scopelliti, R; Riedel T, Therrien, B; Galindo, A; Dyson, PJ. Source: INORGANIC CHEMISTRY, Vol. 55, Issue 22, Pages 11770-11781 DOI: 10.1021/acs.inorgchem.6b01861 Published: NOV 21 2016
335.	From Sunscreen to Anticancer Agent: Ruthenium(II) Arene Avobenzone Complexes Display Potent Anticancer Activity Authors: Pettinari, R; Marchetti, F; Petrini, A; Pettinari, C; Lupidi, G; Smolenski, P; Scopelliti, R; Riedel T; Dyson PJ Source: ORGANOMETALLICS, Vol. 35, Issue 21, Pages 3734-3742 DOI: 10.1021/acs.organomet.6b00694 Published: NOV 14 2016
336.	Ruthenium(II)-arene complexes with dibenzoylmethane induce apoptotic cell death in multiple myeloma cell lines Authors: Pettinari, R; Marchetti F; Petrini, A; Pettinari, C; Lupidi, G; Fernandez, B; Dieguez, AR; Santoni, G; Nabissi, M. Source: INORGANICA CHIMICA ACTA, Vol. 454, Pages 139-148 DOI: 10.1016/j.ica.2016.04.031 Published: JAN 1 2017
337.	Synthesis and characterization of a new alkyne functionalized bis(pyrazolyl)methane ligand and of its Pd(II) complexes: Evaluation of their in vitro cytotoxic activity Authors: Di Nicola, C; Marchetti F; Pettinari, C; Pettinari, R; Brisdelli, F; Crucianelli, M; Lelli, C; Crispini A Source: INORGANICA CHIMICA ACTA, Vol. 455, Pages 677-682 DOI: 10.1016/j.ica.2016.04.032 Published: JAN 30 2017
338.	Coordination polymers from mild condition reactions of copper(II) carboxylates with pyrazole (Hpz). Influence of carboxylate basicity on the self-assembly of the [Cu₃(μ³-OH)(μ-pz)₃]²⁺ secondary building unit Authors: Massignani, S; Scatena, R; Lanza, A; Monari, M; Condello, F; Nestola, F; Pettinari, C; Zorzi, F; Pandolfo. Source: INORGANICA CHIMICA ACTA, Vol. 455, Pages 618-626 DOI: 10.1016/j.ica.2016.05.009 Published: JAN 30 2017
339.	Ru(II)-(PTA) and -mPTA complexes with N₂-donor ligands bipyridyl and phenanthroline and their proliferative activities on human multiples cell lines Authors: Woloszyn, A; Pettinari, C; Pettinari, R; Badillo Patzmay, GV; Kwiecien, A; Lupidi, G; Nabissi, M; Santoni, G; Smolenski, P Sources: DALTON TRANSACTIONS, Vol. 46, Pages 10073-10081 DOI: 10.1039/c7dt02051a Published JUL 4 2017
340.	Arene-Ruthenium(II) Complexes with Bioactive ortho-Hydroxydi- benzoylmethane Ligands: Synthesis, Structure, and Cytotoxicity Authors: Pettinari, R; Petrini, A; Marchetti, F; Pettinari, C; Riedel, T; Therrien B; Dyson P J Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, Vol. 12, pages 1800-1806 DOI: 10.1002/ejic.201601164 Published: JAN 30 2017
341.	Heteroleptic Copper(I) Complexes of "scorpionate" Bis-pyrazolyl Carboxylate Ligand with Auxiliary Phosphine as Potential Anticancer Agents: An Insight into Cytotoxic Mode Authors: Khan, RA; Usman, M; Dhivya, R; Pettinari, C; Balaji, P; Alsahme, A; ALlohedan, H; Arjmand, F; Akbarsha, MA; Marchetti, F; Pettinari, C; Tabassum, S Source: SCIENTIFIC REPORTS, Vol. 7, pages 45229 DOI: 10.1038/srep45229 Published: MAR 24 2017

342.	Application of metal organic frameworks Authors: Pettinari, C; Marchetti, F; Marchetti, F; Mosca, N; Tosi, G; Drozdov A Source: POLYMER INTERNATIONAL, Vol. 66, pages 731-744. DOI: 10.1002/pi.5315 Published: FEB 9 2017
343.	Control of shaping and thermal resistance of metakaolin-based geopolymers Authors: Sabbatini, A; Vidal, L; Pettinari, C; Sobrados, I; Rossignol, S Sources: MATERIALS and DESIGN, Vol. 116, Pages 374-385 DOI: 10.1016/j.matdes.2016.12.039 Published: FEB 15 2017
344.	Dicationic Ruthenium(II)-Arene-Curcumin Complexes Containing Methylated 1,3,5-Triaza-7-phosphaadamantane: Synthesis, Structure, and Cytotoxicity Authors: Pettinari, R; Condello, F; Marchetti, F; Pettinari, C; Smolenski, P; Riedel, T; Scopelliti, R; Dyson, PJ. Source: European Journal of Inorganic Chemistry, Vol. 22, pages 2905-2910 DOI: 10.1002/ejic.201700183 Published: 2017
345.	Determination of the most reliable method for the evaluation of formaldehyde emissions from wood-based panels produced by an Italian leading company in the furniture sector Authors: Pettinari, C; Tosi, G; Macrelli, R; Balducci, F; Melus Regidor, A. Source: INTERNATIONAL WOOD PRODUCTS JOURNAL, Vol. 8, pages 183-189 DOI: 10.1080/20426445.2017.1356542 Published: JUL 27 2017
346.	Trinuclear copper(II) pyrazolate compounds: a long story made of serendipitous discoveries and rational design Authors: Pandolfo, L; Pettinari, C Sources: CRYSTENGCOMM, Vol. 19, Pages 1701-1720 DOI: 10.1039/c7ce00009j Published: FEB 15 2017
347.	CH₃-Tagged Bis(pyrazolato)-Based Coordination Polymers and Metal-Organic Frameworks: an Experimental and Theoretical Insight Authors: Mosca, N; Vismara, R; Fernandes, JA; Casassa, S; Domasevitch, KV; Bailon-Garcia, E; Maldonado-Hodar, FJ; Pettinari, C; Galli, S. Source: Crystal Growth and Design, Vol. 17, pages 3854-3867. DOI: 10.1021/acs.cgd.7b00471 Published: MAY 15 2017
348.	Use of Almond Shells and Rice Husk as Fillers of Poly(methyl Methacrylate) (PMMA) Composites. Authors: Sabbatini, A; Lanari, S; Santulli, C; Pettinari, C Source: MATERIALS, Vol. 10, pages 872 DOI: 10.3390/ma10080872 Published: JUL 28 2017
349.	Cytotoxic Half-Sandwich Rh(III) and Ir(III) β-Diketonates Authors: Petrini, A; Pettinari, R; Marchetti, F; Pettinari, C; Therrien, B; Galindo, A; Scopelliti, R; Riedel, T; Dyson, PJ Source: INORGANIC CHEMISTRY, Vol. 56, pages 13600-13612 DOI: 10.1021/acs.inorgchem.7b02356 Published: OCT 20 2017
350.	Oxidoperoxidomolybdenum(VI) Complexes with Acylpyrazolonate Ligands: Synthesis, Structure and Catalytic Properties Authors: Begines, E; Carrasco, CJ; Montilla, F; Alvarez, E; Marchetti, F; Pettinari, R; Pettinari, C; Galindo, A Source: DALTON TRANSACTIONS, Vol. 47, pages 197-208 DOI: 10.1039/c7dt03939e Published: JAN 2018
351.	Synthesis, characterization and cytotoxicity of arene-ruthenium(II) complexes with acylpyrazolones functionalized with aromatic groups in the acyl moiety Authors: Marchetti, F; Pettinari, R; Di Nicola, C; Pettinari, C; Palmucci, J; Scopelliti, R; Riedel, T; Therrien, B; Galindo, A; Dyson, PJ Sources: DALTON TRANSACTIONS, Vol. 47, Pages 868-878 DOI: 10.1039/c7dt04249c Published: JAN 21 2018
352.	1D and 3D coordination polymers based on the Cu₃(μ_3-OH)(μ-pz)₃ and Cu(Hpz)₃ SBUs connected by the flexible glutarate dianion Authors: Forlin, E; Lanza, A; Di Nicola, C; Monari, M; Gazzano, M; Nestola, F; Pettinari, C; Pandolfo L Sources: INORGANICA CHIMICA ACTA, Vol. 470, Pages 385-392. DOI: 10.1016/J.ica.2017.09.004 Published: JAN 30 2018
353.	The Hg(3,3'-dimethyl-1H,1H'-4,4'-bipyrazolate) coordination polymer: Synthesis, crystal structure and thermal behavior Authors: Mosca, N; Vismara, R; Fernandes, JA; Pettinari, C; Galli, S Sources: INORGANICA CHIMICA ACTA, Vol. 470, Pages 423-427. DOI: 10.1016/J.ica.2017.07.25 Published: JAN 30 2018

354.	Coordination Polymers and Metal-Organic Frameworks Built Up with Poly(tetrazolate) Ligands Authors: Tabacaru, A; Pettinari, C; Galli, S Source: COORDINATION CHEMISTRY REVIEWS, Vol. 372, pages 1-30 DOI:10.1016/j.ccr.2018.05.024 Published: JUN 13 2018
355.	Half Sandwich Metal Complexes with β-Diketone-like ligands and Their Anticancer Activity Authors: Pettinari, R; Marchetti, F; Di Nicola, C; Pettinari, C; Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, Vol. 31, pages 3521-3536 DOI: 10.1002/ejic.201800400 Published: 2018
356.	Composite Materials Based on (Cymene)Ru(II) Curcumin Additives Loaded on Porous Carbon Adsorbents From Agricultural Residues Display Efficient Antibacterial Activity. Authors: Pettinari, R; Condello, F; Marchetti, F; Pettinari, C; Bautista-Toledo, MI; Morales-Torres, S, Dyson, PJ; Maldonado-Hodar, FJ. Source: ACS APPLIED BIO MATERIALS, Vol. 1, pages 153-159 DOI: 10.1021/acsabm.8b00035 Published: JUN 2018
357.	Effect of Methyl Groups in a Pyrimidine-Based Flexible Ligand on the Formation of Silver(I) Coordination Networks Authors: Marchetti, F; Pettinari, R; Di Nicola, C; Pettinari, C; Paul, A; Crispini, A; Giorno, E; Lelj, F; Stoia, S, Amati, M Source: NEW JOURNAL OF CHEMISTRY, Vol. 42, pages 13998-14008 DOI: 10.1039/C8NJ02823K Published: JUL 2018
358.	NO₂-functionalized Bis(pyrazolate) MOFs as CO₂ Capture Materials at Ambient Conditions Authors: Mosca, N; Vismara, R; Fernandes, JA; Tuci, G; Di Nicola, C; Domasevitch, KV; Giacobbe, C; Giambastiani, G; Pettinari, C; Aragones-Anglada, M; Moghadam, PZ, Fairen-Jimenez, D; Rossin, A; Galli, S Source: CHEMISTRY AN EUROPEAN JOURNAL, Vol. 24, pages 13170-13180 DOI: 10.1002/chem.201802240. Published: JUL 2018
359.	Ligand Design for N,O- or N,N-Pyrazolone-Based Hydrazones Ru-thenium(II)-Arene Complexes Authors: Pettinari, R.; Marchetti, F.; Di Nicola, C.; Pettinari, C.; Galindo, A.; Petrelli, R.; Cappellacci, L.; Cuccioloni, M.; Bonfili, L.; Eleuteri, AM; Guedes da Silva, M. F.; Pombeiro, A. J. L. Source: INORGANIC CHEMISTRY, 57, 22, 141123-141133 DOI: 10.1021/acs.inorgchem.8b01935 Published: OCT 2018
360.	Amino-decorated bis(pyrazolate) Metal-Organic Frameworks for carbon dioxide capture and its green conversion into cyclic carbonates Authors: Vismara, R.; Tuci, G.; Mosca, N.; Domasevitch, K.; Di Nicola, C.; Pettinari, C.; Galli, S.; Giambastiani, G.; Rossin, A. Source: Inorganic Chemistry Frontiers, Vol. 6, No. 2, 533-545 (2019) DOI:10.1039/C8QI00997J Published: DEC 2018
361.	Aerosol-assisted chemical vapour deposition of transparent superhydrophobic film by using different alkoxysilane Authors: Tombesi, A.; Sathasivam, S. L. S.; Page, K.; Hale, F.; Pettinari, C.; Carmalt, C. J.; Parkin, I. P. Source: SCIENTIFIC REPORTS, Vol. 1, No. 9., p. 7549 DOI: https://doi.org/10.1038/s41598-019-43386-1 Published: MAY 2019
362.	Tuning carbon dioxide adsorption affinity of zinc(II) MOFs by mixing bis(pyrazolate) ligands with N-containing tags Authors: Vismara, R.; Tuci, G.; Tombesi, A.; Domasevitch, K.; Di Nicola, C.; Giambastiani, G.; Chierotti, M.; Gobetto, R.; Pettinari, C.; Rossin, A.; Galli, S. Source: ACS Applied Materials & Interfaces, Vol. 11, pp. 26956-26969 DOI: 10.1021/acsami.9b08015 Published: ms JUL 2019
363.	Coordination Chemistry of Schiff Bases of Pyrazolones and Applications of their Metal Complexes Authors: Marchetti, F.; Pettinari, C.; Di Nicola, C.; Tombesi, A.; Pettinari, R. Source: Coordination Chemistry Reviews 401 (2019) 213069 DOI: 10.1016/j.ccr.2019.213069 Published: Sep. 2019
364.	Novel Osmium(II)-Arene Complexes Containing Curcumin and Bisdemethoxycurcumin ligands Authors: Pettinari, R.; Marchetti, F.; Di Nicola, C.; Pettinari, C.; Therrien, B.; Cuccioloni, M.; Bonfili, L.; Eleuteri, A.M.; Batchelor, L. K.; Dyson, P. J. Source: Inorganic Chemistry Frontiers Vol. 6, 2448-2457 (2019) DOI: 10.1039/c9qi00843h Accepted Aug. 2019
365.	New antibacterial silver(I) coordination polymers based on a flexible ditopic pyrazolyl-type ligand Authors: Tabacaru, A.; Pettinari, C.; Busila, M.; Dinica, R. M. Source: Polymers Vol. 11 (2019) 1686. DOI: 10.3390/polym11101686 Accepted Oct 2019

366.	Zinc(II) Complexes of Acylpyrazolones Decorated with Aliphatic Groups a Cyclohexyl Group Display Antiproliferative Activity Against Human Breast Cancer Cells Authors: Marchetti, F.; Di Nicola, C.; Pettinari, R.; Pettinari, C.; Aiello, I.; La Deda, M.; Candreva, A.; Morelli, S.; De Bartolo, L.; Crispini, A. Source: EUR. J. INORG. CHEM. (2020) 1027-1039 DOI: 10.1002/ejic.20190775 Accepted Nov 2019
367.	Characterization of Handmade Papers (13th–15th century) from Camerino and Fabriano (Marche, Italy) Authors: Roselli, G.; Basileo, S.; Pucciarelli, S.; Pettinari, C.; Proietti, N.; Capitani, D.; Scognamiglio, F. Source: J. CULTURAL HERITAGE, Vol. 42, pp 8-18 DOI: 10.1016/j.culher.2019.07.014 Accepted Jul 2019
368.	Tethering (Arene)Ru(II) Acylpyrazolones Decorated with Long Aliphatic Chains to Polystyrene Surfaces Provides Potent Antibacterial Plastics Authors: Di Nicola, C.; Marchetti, F.; Pettinari, R.; Tombesi A.; Pettinari, C.; Grappasonni I; Dyson, P. J. Scuri S. Source: MATERIALS Vol. 13 (2020) 526 DOI: 10.3390/ma13030526 Accepted Jan 2020
369.	Synthesis, phosphorescence and luminescence properties of novel europium and gadolinium tris-acylpyrazolonate complexes Authors: Taydakov, I. V.; Belousov, Y. A.; Lyssenko, K. A.; Varaksina, E. Drozdov, A. D.; Marchetti, F.; Pettinari, R.; Pettinari, C. Source: INORGANICA CHIMICA ACTA 502 (2020) 119279 DOI: 10.1016/j.ica.2019.119279 Accepted NOV 2019
370.	A formaldehyde-free adhesive for particleboard based on soy flour, magnesium oxide and a plant-derived enzymatic hydrolysate Authors: Balducci, F.; Adamopoulos, S.; Pettinari, C.; Canti, E.; Di Nicola, C.; Tombesi, A.; Cecchini, A.; Gabbani, C.; Walther, T. Source: BIORESOURCES 15 (2) (2020) 308-3102 DOI: 10.15376/biores.15.2.3087-3102 Accepted MAR 2020
371.	“ISOC”, International School of Organometallic Chemistry Author: Claudio Pettinari Sources: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY (2020) 872-874 DOI: 10.1002/ejic.202000215 Accepted MAR 2020
372.	Cobalt(II) bipyrazolate metal-organic frameworks as heterogeneous catalysts in cumene aerobic oxidation: a tag-dependent selectivity Authors: Nowacka, Anna; Vismara, Rebecca; Mercuri, Giorgio; Moroni, Marco; Palomino, Miguel; Domasevitch, Kostiantyn; Di Nicola, Corrado; Pettinari, Claudio; Giambastiani, Giuliano; Llabrés i Xamena, Francesc; Galli, Simona; Rossin, Andrea Sources: INORGANIC CHEMISTRY 59(12) 8161-8172 DOI: 10.1021/acs.inorgchem.0c00481. Accepted JUN 2020
373.	Investigation on the interconversion from DMF-solvated to unsolvated copper(II) pyrazolate coordination polymers Authors: Di Nicola, C.; Tombesi, A.; Marchetti, F.; Pettinari, R.; Galli, S.; Casassa, S.; Pandolfo, L.; Pettinari, C. Sources: CRYSTENGCOMM 22 (2020) 3294-3308 DOI: 10.1039/d0ce00370k Accepted: APRIL 2020
374.	Fifteen years of scientific investigation in main groups and transition metal coordination chemistry with Allan White Authors: Pettinari, C.; Tombesi, A.; Marchetti, F.; Di Nicola, C.; Pettinari, R. Sources: AUSTRALIAN J. CHEMISTRY, 2020, Vol. 3, n. 6, 399-423 DOI: 10.1071/CH19623 Accepted: JAN 2020
375.	Luminescent complexes of Eu³⁺, Tb³⁺ and Gd³⁺ nitrates with polytopic ligand 2,4,6-tris(1H-pyrazol-1-yl)-1,3,5-triazine Authors: D.A. Kordeyro Magrino, V.M. Korshunov, K.A. Lyssenko, V.E. Gontcharenko, Yu. A. Belousov, C. Pettinari, I.V. Taydakov Sources: INORG. CHIM. ACTA, 2020, 510, 119764. DOI: 10.1016/J.ica.2020.119764 Accepted MAY 2020
376.	Potassium-doped para-terphenyl: signature of high-Tc superconductivity and anomalies in the structural and metallic behavior Authors: Nicola Pinto; Corrado Di Nicola; Angela Trapananti; Marco Minicucci; Andrea Di Cicco; C. Marcelli; A. Bianconi; Fabio Marchetti, Claudio Pettinari; Andrea Perali Sources: CONDENSED MATTERS, 2020, 5, 78 DOI:10.3390/condmat5040078 Accepted: DEC 2020

377.	Binuclear 3,3',5,5'-tetramethyl-1H,4,4'-bipyrazole Ruthenium(II) Complexes: Synthesis, Characterization and Biological Studies Authors: Claudio Pettinari, Riccardo Pettinari, Nertil Xhaferaj, Giuliano Giambastiani, Andrea Rossin, Anna Maria Eleuteri, Massimiliano Cuccioloni Sources: INORG. CHIM. ACTA, 2020, 513, 119902 DOI: 10.1016/j.ica.2020.119902 Accepted: JULY 2020
378.	Synthesis and crystal structure of mixed-ligand lanthanide complexes with 1,3-diketonates bearing pyrazole moieties and 1,10-phenanthroline Authors: Ilya V. Taydakov, Vladislav M. Korshunov, Yuriy A. Belousov, Yulia V. Nelyubina, Fabio Marchetti, Riccardo Pettinari, Claudio Pettinari Sources: INORG. CHIM. ACTA, 2020, 513, 119922 DOI: 10.1016/j.ica.2020.119922 Accepted: JULY 2020
379.	Metal organic frameworks for carbon dioxide capture Authors: Claudio Pettinari, Alessia Tombesi Sources: MRS Energy and Sustainability, VOL. 7, pp. 1-43 DOI:10.1557/mre.2020.30 Accepted, 28 JULY 2020
380.	Metal organic frameworks for chemical conversion of carbon dioxide Authors: Claudio Pettinari, Alessia Tombesi Sources: MRS Energy and Sustainability, VOL. 7, pp. 1-14 DOI:10.1557/mre.2020.35 Accepted, 24 AUG 2020
381.	Synthesis, characterization and assessment of the antioxidant activity of new metal complexes derived from scorpionate ligands Authors: Aurel Tabacaru, Rais Ahmad Khan, Giulio Lupidi, Claudio Pettinari Sources: MOLECULES 2020, 25, 5298. DOI: 10.3390/molecules25225298 Accepted, 9 NOV 2020
382.	Efficient Hexane Isomers Separation in Tagged Bipyrazolate Metal-Organic Frameworks Authors: Vismara Rebecca; Di Nicola Corrado; Millan Rodrigo Gil-San; Pettinari, Claudio; Navarro, Jorge A.R.; Galli, Simona. Sources: NANORESEARCH, 2021, 14(2): 532-540 DOI: 10.1007/s12774-020-2812-y Accepted APRIL 2020
383.	Synthesis and structural characterization of some mononuclear 1:1:1 complexes of coinage met(l) compounds with tertiary phosphines (arsines) and 1,2-diamines [MX₃(EPH₃)(N,N'-1,2-diamine)] Authors: Claudio Pettinari, Fabio Marchetti, Riccardo Pettinari, Corrado Di Nicola, Effendy, Brian W. Skelton, A. H. White, R. D. Hart Sources: INORGANICA CHIMICA ACTA, 2021, Vol. 517, 120185 DOI: 10.1016/j.ica.2020.120185 Published March 2021
384.	New coordination polymers of zinc(II), copper(II) and cadmium(II) with 1,3-bis(1,2,4-triazol-4-yl)adamantane Authors: Nertil Xhaferaj, Aurel Tabacaru, Marco Moroni, Claudio Pettinari, Konstantin V. Domasevitch, S. Galli Sources: INORGANICS, 2020, 8, 60 DOI: 10.3390/inorganic8110060 Accepted: 30 OCT 2020
385.	Unsymmetrical Nickel (PCN) Pincer Complexes with a Benzothiazole Side-Arm: Synthesis, Characterization and Electrochemical Properties Authors: Lapo Luconi, Giulia Tuci, Zufar, N. Gafurov, Giorgio Mercuri, Slexey A. Kagilev, Claudio Pettinari, Vladimir I. Morozov, Dmitry G. Yakhvarov, Andrea Rossin, Giuliano Giambastiani Sources: INORGANICA CHIMICA ACTA, 2021, Vol. 517, 120182 DOI: 10.1016/j.ica.2020.120182 Published March 2021
386.	Metal-Organic Frameworks in Italy: from Synthesis and Advanced Characterization to theoretical modeling and applications Authors: Giorgio Mercuri, Giuliano Giambastiani, Corrado Di Nicola, Claudio Pettinari, Simona Galli, Rebecca Vismara, Riccardo Vivani, Ferdinando Costantino, Marco Taddei, Cesare Atzori, Francesca Bonino, Silvia Bordiga, Bartolomeo Civalieri, Andrea Rossin Sources: COORDINATION CHEMISTRY REVIEWS, 2021, Vol. 437, 213861 Doi.org/10.1016/j.ccr.2021.213861 Published June 2021
387.	Carbon Dioxide Capture and Utilization with Isomeric Forms of Bis(amino)-tagged Zinc Bipyrazolate Metal-Organic Frameworks Authors: Giorgio Mercuri, Marco Moroni, Kostiantyn V. Domasevitch, Corrado di Nicola, Patrizio Campitelli, Claudio Pettinari, Giuliano Giambastiani, Simona Galli, Andrea Rossin Sources: CHEMISTRY, an EUROPEAN JOURNAL 2021, Vol. 27(14) 4746-4754. doi.org/10.1002/chem.202005216 Published Dec 2020

388.	Lanthanide azolecarboxylate compounds: Structure, luminescent properties and applications Authors: Yury A Belousov, Andrei A Drozdov, Ilya V Taydakov, Fabio Marchetti, Riccardo Pettinari, Claudio Pettinari Sources: COORDINATION CHEMISTRY REVIEWS, 2021, Vol. 445(9), 214084 DOI: 10.1016/j.ccr.2021.214084 Published JUN 2021
389.	Antimicrobial MOFs Authors: Claudio Pettinari, Riccardo Pettinari, Corrado Di Nicola, Alessia Tombesi, Stefania Scuri, Fabio Marchetti Sources: COORDINATION CHEMISTRY REVIEWS, 2021, Vol. 446(49), 214121 DOI: 10.1016/j.ccr.2021.214121 Published SEP 2021
390.	Lycurgus cup: the nature of dichroism in a replica glass having similar compositions Authors: A. Drozdov, M. Andreev, D. Petukhov, S. Klimonsky, C. Pettinari Sources: JOURNAL OF CULTURAL HERITAGE, 2021, Vol. 51, 71-78 DOI: 10.1016/j.culher.2021.07.002 Published NOV 2021
391.	Synthesis of Coordination Polymers and Discrete Complexes from the Reaction of Copper(I) Carboxylates with Pyrazole: Role of the Carboxylate Basicity Authors: Rebecca Scatena, Sara Massignani, Arianna Lanza, Federico Zorzi, Magda Monari, Fabrizio Nestola, Claudio Pettinari, Luciano Pandolfo Sources: CRYSTAL GROWTH & DES, 2022, 22, 1032-1044 DOI: 10.1021/acs.cgd.1c00861 Published DEC 2021
392.	Arene-ruthenium(II) Complexes With Pyrazole-Based Ligands Bearing a Pyridine Moiety: Synthesis, Structure, DFT calculations and cytotoxicity Authors: Riccardo Pettinari, Fabio Marchetti, Alessia Tombesi, Corrado Di Nicola, Claudio Pettinari, Chuanpan Guo, Zhihong Zhang, Agustin Galindo, Farzaneh Fadaei-Tirani, Mouna Hadiji, Paul J. Dyson Sources: INORGANICA CHIMICA ACTA, 2021, Vol. 528, 120610 DOI: 10.1016/j.ica.2021.120610 Published DEC 2021
393.	Metal organic frameworks as heterogeneous catalysts in olefin epoxidation and carbon dioxide cycloaddition Authors: Alessia Tombesi, Claudio Pettinari Sources: INORGANICS, 2021, Vol. 9, 11, pag. 81 DOI: 10.3390/inorganics9110081 Published NOV 2021
394.	Towards Bright Dysprosium Emitters: Single and Combined Effects of Environmental Symmetry, Deuteration, and Gadolinium Dilution Authors: Yury Belousov, Valdislav Korsshunov, Mikhail T Metlin, Daria Metlina, Denis Aminev, Nikolay Datskevich, Andrei Drozdov, Claudio Pettinari, Fabio Marchetti, Ilya Taydakov Sources: DYES AND PIGMENTS, 2022, Vol. 199, 110078 DOI: 10.1016/j.dyepig.2021.110078 Published 15 JAN 2022
395.	Synthesis and structural characterization of some 1:1:2 complexes of silver(I) compounds with triphenylpnictides and "ethylenediamine", $[(Ph_3E)(N-en)Ag(N-en-N')_2Ag(N-en)(EPh_3)]^{2+}(X^-)_2$ Authors: Effendy, Fabio Marchetti, Corrado Di Nicola, Claudio Pettinari, Riccardo Pettinari, Brian W. Skelton, Alessia Tombesi, Allan H White. Sources: INORGANICA CHIMICA ACTA, 2022, Vol. 534, 120825 DOI: 10.1016/j.ica.2022.120825 Published DEC 2021
396.	Synthesis and structural characterization of some 1:1 adducts of silver(I) salts with hindered PR_3 bases ($R = Phenyl, o-tolyl, cyclohexyl$) Authors: Effendy, Corrado Di Nicola, Peter C. Healy, Fabio Marchetti, Claudio Pettinari, Brian W. Skelton, Alessia Tombesi, Allan H White. Sources: INORGANICA CHIMICA ACTA, 2022, Vol. 536, No.120895 DOI: 10.1016/j.ica.2022.120895 Published JUN 2022
397.	Synthesis and structural characterisation of some 1:1 and 1:2 adducts of silver(I) salts with hindered $Pmes_3$, $PPhmes_2$, PPh_2mes bases ($Ph = Phenyl, mes = 2,4,6-trimethylphenyl$) Authors: Effendy, Peter C. Healy, Fabio Marchetti, Claudio Pettinari, Riccardo Pettinari, Alessia Tombesi, Brian W. Skelton, Allan H White. Sources: INORGANICA CHIMICA ACTA, 2022, Vol. 535, No. 120857 Published MAY 2022
398.	Synthesis and structural characterisation of some 1:1:2 ionic/mononuclear complexes of coinage metal(I) salts with tertiary phosphine and 1,2-diamines $[N-1,2-diamine)(N,N'-1,2-diamine)(R_3P)M]^+X^-$ Authors: Effendy, Fabio Marchetti, Robert D. Hart, Claudio Pettinari, Brian W. Skelton, Alessia Tombesi, Allan H White. Sources: INORGANICA CHIMICA ACTA, Vol. 536, No. 120882 DOI: 10.1016/j.ica.2022.120882 Published JUN 2022
399.	The coloration of smalt produced at UST-RUDITSA glass factory in 1753-1768 Authors: Andrei Drozdov, M. Andreev, Y. Belousov, A. N. Lobanov, K. V. Kovalenko, Claudio Pettinari

	Sources: INORGANICA CHIMICA ACTA 2022, 542, 121104 DOI: 10.1016/j.ica.2022.121104 Published NOV 2022
400.	Potent and selective anticancer activity of half-sandwich ruthenium and osmium complexes with curcuminoid ligands Authors: Noemi Pagliaricci, Riccardo Pettinari, Fabio Marchetti, Claudio Pettinari, Loredana Cappellacci, Alessia Tombesi, Massimiliano Cuccioloni, Mouna Hadji, Paul J. Dyson. Sources: DALTON TRANSACTIONS, Vol. 51, Issue 35, 13311-13321 DOI: 10.1039/d2dt02328h Published AUG 2022
401.	Role of hydrazone substituents in determining the nuclearity and antibacterial activity of Zn(II) complexes with pyrazolone-based hydrazones Authors: Fabio Marchetti, Riccardo Pettinari, Federico Verdicchio, Alessia Tombesi, Stefania Scuri, Sonila Xhafa, Laura Olivieri, Claudio Pettinari, Duane Choquesillo-Lazarte, Amalia Garcia-Garcia, Antonio Rodriguez-Dieguez, Agustin Galindo Sources: DALTON TRANSACTIONS, Vol. 51, Issue 37, 14165-14181 DOI: 10.1039/d2dt02430f Published SEPT 2022
402.	Antibacterial and antiviral applications of MOFs Authors: C. Pettinari Sources: INORGANICA CHIMICA ACTA, 2023, Vol. 545, 121247 DOI: 10.1016/j.ica.2022.121247 Published JAN 2023
403.	Ru(II)(η^6-p-cymene) Conjugates Loaded onto Graphene Oxide: An Effective pH-Responsive Anticancer Drug Delivery System Authors: S. Akhter, F. Arjmand, C. Pettinari , S. Tabassum Sources: MOLECULES, 2022, Vol. 27, Issue 21, 7592 DOI: 10.3390/molecules27217592 Published NOV 2022
404.	Unexpected formation of two different coordination polymers from the reaction of Zn (HCOO)₂ · 2H₂O with 1, 2-bis (4-pyridyl) ethylene Authors: C. Pettinari , J. Ngoune, E. Alvarez Sources: INORGANICA CHIMICA ACTA, 2022, Vol. 542, 121103 DOI: 10.1016/j.ica.2022.121103 Published NOV 2022
405.	Structural elucidation, in vitro DNA binding and anticancer investigations of a new specific target dinuclear Zn (II) complex Authors: S. Yousuf, F. Arjmand, C. Pettinari , S. Tabassum Sources: INORGANICA CHIMICA ACTA, 2022, Vol. 542, Issue 4, 121105 DOI: 10.1016/j.ica.2022.121105 Published NOV 2022
406.	Synthesis and structural characterization of metal azolate/carboxylate frameworks incorporating the 1-H-pyrazol-3, 4, 5-tricarboxylate ligand Authors: N. Xhaferai, A. Tabacaru, C. Pettinari , K. V. Domasevitch, S. Galli Sources: INORGANICA CHIMICA ACTA, 2023, Vol. 544, 121236 DOI: 10.1016/j.ica.2022.121236 Published JAN 2023
407.	Antibacterial activity of copper pyrazolate coordination polymers Authors: C. Di Nicola, F. Marchetti, A. Tombesi, S. Xhafa, P. Campitelli, M. Moroni, S. Galli, R. Pettinari, C. Pettinari Sources: NEW JOURNAL OF CHEMISTRY 2023, Vol. 47, Issue 41, 19047-19056 DOI: 10.1039/D3NJ02378H Published SEPT 2023
408.	MOFs for electrochemical energy conversion and storage Authors: C. Pettinari , A. Tombesi Sources: INORGANICS, 2023, Vol. 11, Issue 2, 65 DOI: 10.3390/inorganics11020065 Published FEB 2023
409.	Self-Assembly of a Two-Dimensional Coordination Polymer Based on Silver and Lanthanide Tetrakis-Acylpyrazolonates: An Efficient New Strategy for Suppressing Ligand-to-Metal Charge Transfer Quenching and Europium Luminescence Authors: Y. A. Belousov, M. T. Metlin, D. A. Metlina, M. A. Kiskin, I. A. Yakushev, T. A. Polikovskiy, I. V. Taydakov, A. A. Drozdov, F. Marchetti, C. Pettinari Sources: POLYMERS, 2023, Vol. 15, Issue 4, 867 DOI: 10.3390/polym15040867 Published FEB 2023
410.	44th International Conference on Coordination Chemistry (ICCC) Special Collection Authors: E. Gallo, A. Proust, C. Pettinari Sources: EUROPEAN JOURNAL OF CHEMISTRY, 2023, Vol. 26, Issue 7, e202200771 DOI: 10.1002/ejic.202200771 Published MAR 2023

411.	Infrared ellipsometry study of the charge dynamics in K₃p-terphenyl Authors: Q. He, P. Marsik, F. le Mardel�, B. Xu, M. Sharma, N. Pinto, A. Perali, C. Di Nicola, C. Pettinari , D. Baeriswyl, C. Bernhard Sources: Physical Review B, 2023, Vol. 107, Issue 9, 094520 DOI: 10.1103/PhysRevB.107.094520 Published 31 MAR 2023
412.	Dynamics of the Ligand Excited States Relaxation in Novel �-Diketonates of Non-Luminescent Trivalent Metal Ions Authors: T. Polikovskiy, V. Korshunov, V. Gontcharenko, M. Kiskin, Y. Belousov, C. Pettinari , I. Taydakov Sources: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 2023, Vol. 24, Issue 9, 8131 DOI: 10.3390/ijms24098131 Published MAY 2023
413.	Steric and Electronic Effects Responsible for N,O- or N,N-Chelating Coordination of Pyrazolones Containing a Pyridine Ring in Ruthenium Arene Systems Authors: L. Pietracci, R. Pettinari, A. Tombesi, F. Marchetti, C. Pettinari , A. Galindo, F. Fadaei-Tirani, M. Hadiji, P.J Dyson Sources: ORGANOMETALLICS, 2023, Vol. 42, Issue 12, 1495-1504 DOI: 10.1021/acs.organomet.3c00121 Published MAY 12, 2023
414.	CO₂ Capture and Conversion to C1 Chemicals with Mixed-Metal Copper/Nickel Bis(amino)bipyrazolate Metal–Organic Frameworks Authors: Patrizio Campitelli, Alessia Tombesi, Corrado Di Nicola, Claudio Pettinari , Anna Mauri, Simona Galli, Tongan Yan, Dahuan Liu, Jiaxin Dawn Duan, Subhadip Goswami, Giulia Tuci, Giuliano Giambastiani, Joseph T Hupp, Andrea Rossin Sources: ACS APPLIED ENERGY MATERIALS, 2023, Vol. 6, Issue 18, 9231-9242 DOI: 10.1021/acsaem.3c00780 Published JUL 2023
415.	Copper and Zinc Metal–Organic Frameworks with Bipyrazole Linkers Display Strong Antibacterial Activity against Both Gram+ and Gram– Bacterial Strains Authors: Sonila Xhafa, Laura Olivieri, Corrado Di Nicola, Riccardo Pettinari, Claudio Pettinari , Alessia Tombesi, Fabio Marchetti Sources: MOLECULES, 2023, Vol. 28, Issue 16, 6160 DOI: 10.3390/molecules28166160 Published AUG 2023
416.	An “unexpected journey” in coordination chemistry, from Italy to Portugal and comeback Authors: Claudio Pettinari , Fabio Marchetti, Riccardo Pettinari, Alessia Tombesi Sources: SYNTHESIS and APPLICATION IN Chemistry and Materials DOI: Accepted – Publi� Jan 2024

List of other publications (Chemistry)

1.	Crystal structure of 2,2-bis(pyrazol-1-yl)propane dinitrfluoroacetatezinc.(H₂O) <i>Acta Crystallographica</i> , A46 , 1990, C219. Bruna Bovio, Augusto Cingolani, Claudio Pettinari
2.	Copper(II) derivatives with nitrogen donor ligands <i>Syntheses and Methodologies in Inorganic Chemistry</i> 5 , 1995, 184-189. Claudio Pettinari , Giancarlo Gioia Lobbia, Gabriella Sclavi, Augusto Cingolani
3.	Tin(IV) and organotin(IV) derivatives of azoles <i>Syntheses and Methodologies in Inorganic Chemistry</i> 5 , 1995, 309-314. Claudio Pettinari , Fabio Marchetti, Dante Leonesi, Adriana Lorenzotti
4.	IR and RAMAN Spectroscopy of Inorganic and Organometallic Compounds <i>Encyclopedia of Spectroscopy and Spectrometry</i> (London, Academic Press), Ed. in chief: J. C. Lindon, Vol. 1, 1999, 1021-1034. Claudio Pettinari , Carlo Santini
5.	Heteronuclear NMR Applications (Sn, Ge, Pb) <i>Encyclopedia of Spectroscopy and Spectrometry</i> (London, Academic Press), Ed. in chief: J. C. Lindon, Vol. 2, 1999, 704-717. Claudio Pettinari
6.	Heteronuclear NMR Applications (As, Sb, Bi) <i>Encyclopedia of Spectroscopy and Spectrometry</i> (London, Academic Press), Ed. in chief: J. C. Lindon, Vol. 2, 1999, 685-690. Claudio Pettinari , Fabio Marchetti, Giovanni R�faiani
7.	¹⁹F NMR Applications (Solution State) <i>Encyclopedia of Spectroscopy and Spectrometry</i> (London, Academic Press), Ed. in chief: J. C. Lindon., Vol. 3, 1999, 489-498 Claudio Pettinari , Giovanni R�faiani
8.	<i>Synthesis, characterization and in vitro tumor activity of organotin(IV) compounds of 4-acyl-5-pyrazolone</i>

	Yaoxue Xuebao 35(9), 2000, 659-662. Qingshan Li, T. Li, H. Yang, M. Wang, J. Huang, Claudio Pettinari , Fabio Marchetti
9.	Anticancer Titanium agents Experts Opinion on Therapeutic Patents 11(6), 2001, 969-979. Francesco Caruso, Miriam Rossi, Claudio Pettinari
10.	Organotin(IV) derivatives of azoles Recent Res. Devel. Organomet. Chem. 4, 2001, 71-103. Claudio Pettinari
11.	β-diketones and related ligands Comprehensive Coord. Chem. II, Vol. 1, Ch. 1.6, 2004, 97-115. Elsevier Ltd. (ISBN 0-08-0443230) Claudio Pettinari , Fabio Marchetti, Andrei Drozdov (invited review) First edition published on 2004
12.	Higher Denticity Ligands Comprehensive Coord. Chem. II, Vol. 1, Ch. 1.11, 2004, 211-251. Elsevier Ltd. (ISBN 0-08-0443230) Claudio Pettinari , Fabio Marchetti, Andrei Drozdov (invited review) First edition published on 2004
13.	Polypyrazolylborate and Scorpionate Ligands Comprehensive Coord. Chem. II, Vol. 1, Ch. 1.10, 2004, 159-210. Elsevier Ltd. (ISBN 0-08-0443230) Claudio Pettinari , Carlo Santini (invited review) First edition published on 2004
14.	Metal coordination complexes as hydrogenation catalysts Comprehensive Coord. Chem. II, Vol. 9, Ch. 9.2, 2004, 75- 139. Elsevier Ltd. (ISBN 0-08-0443311) Claudio Pettinari , Fabio Marchetti, Domenico Martini (invited review) First edition published on 2004
15.	Structural Features of Antitumor Gold(I)-Phosphine Derivatives analyzed with theoretical methods J. Arg. Chem. Soc. 92, 2004, 119-124. Franco Caruso, Miriam Rossi, Cristian Opazo, Claudio Pettinari
16.	Scorpionates: Pinch and sting... the metal La Chimica e L'industria anno 86, n. 10, 2004, 94-100. Claudio Pettinari
17.	Nuclear Magnetic Resonance Spectroscopy: Organometallic Compounds Encyclopedia of Analytical Science , 2005, 286-303. Claudio Pettinari (invited review)
18.	Novel Molecular Precursor for the MOCVD of Ba_{1-x}Sr_xTiO₃ thin films J. Phys. IV , 2005, 791-798. Giovanni Battiston, Rosalba Gerbasi, Giovanni Carta, Fabio Marchetti, Melissa Paoletti, Claudio Pettinari , Agustin Rodriguez, Davide Barreca, Cinzia Maragno.
19.	Structural Studies on Copper(II) Carboxylate Complexes containing Pyrazole Acta Crystallographica , A61, 2005, C302. Magda Monari, Luciano Pandolfo, Claudio Pettinari
20.	Chemical and biotechnological developments in organotin cancer chemotherapy In Tin Chemistry - Fundamentals, Frontiers and Applications , Alwyn Davies, Marcel Gielen, Keith Pannell and Edward Tiekink, Editors, Wiley, Ch. 4, 2008, 454-468. Claudio Pettinari , Fabio Marchetti
21.	Syntheses of The [Cu(NCS)(py)₂(PPh₃)] Coordination Compound With Photoluminescent Properties The ANNALS of THE "DUNAREA DE JOS" University of Galati: Mathematics, Physics, Chemistry, Informatics, FASCICLE II, new series, YEAR II (XXXI) 2009 Claudio Pettinari , Corrado di Nicola, Aurel Tabacaru, Rodica Dinica
22.	Sviluppo Storico del Concetto di Equilibrio Chimico. Chimica nella Scuola , 2009, 31, 18-29. Fabio Marchetti, Riccardo Pettinari, Claudio Pettinari , Augusto Cingolani, Corrado Di Nicola
23.	Le analogie nello studio dell'Equilibrio Chimico. Chimica nella Scuola , 2009, 31, 95-96 Riccardo Pettinari, Fabio Marchetti, Claudio Pettinari , Augusto Cingolani, Corrado Di Nicola
24.	L'equilibrio chimico. Rivisitazione del principio di Le Chatelier Fabio Marchetti, Claudio Pettinari , Riccardo Pettinari, Corrado Di Nicola Augusto Cingolani Chimica nella Scuola , 2010, 32, 35-45
25.	Entropia: misura del disordine? ...o della dispersione di energia?! Chimica nella Scuola , 2011, 33, 151-165. F. Marchetti, C. Pettinari , C. Di Nicola, R. Pettinari
26.	Viaggio Tra gli elementi della Tavola Periodica Chimica nella Scuola , 2011, 33, 298-318. C. Di Nicola, Ivan Timokhin, F. Marchetti, R. Pettinari, C. Pettinari
27.	Effect of novel 1-phenyl-3-methyl-4-acylpyrazolones on iron chelation and Fenton reaction Free Radical Biology and Medicine , 2014, 75, 529-530.

	T. Filipiński, P. Mladenska, K. Macalova, R. Hrdina, L. Saso, F. Marchetti, C. Pettinari .
28.	<i>Enhanced Selectivity for CO₂ in Mixed-Ligand bis(pyrazolate Zn(II) MOFs</i> Acta Crystallographica A-Foundation and Advances, 2019/1/1, Vol. 75, Pages E 526 R. Vismara, G. Tucci, A. Tombesi, C. Di Nicola, G. Giambastiani, M. Chierotti, S. Bordignon, R. Gobetto, C. Pettinari , A. Rossin, S. Galli
29.	Coordination Compounds of Lanthanides as Materials for Luminescent Turn Off Sensors Authors: C. Pettinari, A. Drozdov, Y. Belousov Sources: Chapter from the edited book Rare Earth Elements - Emerging Advances, Technology Utilization, and Resource Procurement (INTECHOPEN ed) DOI: 10.5772/intechopen.109011 Published DEC 2022
30.	Luminescent Materials with Turn-on and Ratiometric Sensory Response Based on Coordination Compounds of Lanthanides Authors: C. Pettinari, A. Drozdov, Y. Belousov Sources: Chapter from the edited book Rare Earth Elements - Emerging Advances, Technology Utilization, and Resource Procurement (INTECHOPEN ed) DOI: 10.5772/intechopen.109189 Published JUN 2023

List of other publications (Other topics)

1.	Tecniche Diagnostiche per l'indagine di manufatti cartacei dell'area camerte Fabrianese (Secc. XIII-XV). Graziella Roselli, Noemi Proietti, Sara Basileo, Sandra Pucciarelli, Claudio Pettinari In Alle origini della carta occidentale, I fondaci, le gualchiere, i manufatti nelle Marche centrali, 2014 , Atti del convegno Camerino 2013
2.	Dall'Uva al Vino: Natura e chimica per un prodotto eccellente, Claudio Pettinari In Risorse e Territorio Edizioni Scientifiche, 2015 .
3.	I saperi e la Costituzione. Uguaglianza ed effettività in tempo di crisi, Claudio Pettinari In Quaderni della Regione Marche, 2019
4.	Didattica Innovativa in Emergenza, il caso UNICAM, Claudio Pettinari In Atti del Convegno GEO-CRUI Bari 2018, Innovazione Didattica Universitaria e Strategie degli Atenei Italiani, 2019
5.	I Betti, Claudio Pettinari In Emilio e Ugo Betti, Giustizia e Teatro, Editoriale Scientifica 2019 .
6.	Paesaggio e democrazia. Una riflessione dai luoghi del terremoto, Claudio Pettinari In Paesaggio e Democrazia, QUADERNO 15 della collana Edizioni Istituto Cervi, 2019
7.	L'Università di Camerino, tra passato, presente e futuro, Claudio Pettinari In Camerino, da meta del viaggio nello spazio a mito dell'anima del tempo, Luoghi Interiori, 2019 .
8.	Un pomeriggio con Raffaele Cantone, Claudio Pettinari In Anticorruzione, Trasparenza e Ricostruzione, Editoriale Scientifica 2019 .
9.	La nostra casa, Claudio Pettinari , in La sale del palazzo de questi Varani, A cura di F. Paino, 2020
10.	La mia formazione come docente all'Università di Camerino, Claudio Pettinari In Atti del Convegno GEO-CRUI Napoli 2020 ,
11.	Neuroscienze: Eccellenze della Ricerca UNICAM, Claudio Pettinari and Francesco Amenta , in Global Science Health Salute, Giugno 2021
12.	Io non... in, Mario Mosciatti, 2021
13.	Introduzione a 50 Stagioni concertistiche di Mario Mosciatti, Francesco Rosati e Corrado Zucconi G. Fonseca, Dic. 2021.
14.	Introduzione a Maestri e Allievi del Medioevo di Emanuela Di Stefano, 2022
15.	Perché abbiamo bisogno di fare ricerca. Claudio Pettinari, Energia, ambiente e innovazione, 2/2023, pagg 56-58 , DOI 10.12910/EAI2023-039

Claudio Pettinari 	Rector Univ. Camerino (2017-2023) Vicerector Univ. Camerino (2011-2017) Research Delegate Univ. Camerino (2017-2023) International Relations delegate (2006-2017) Pharmacy Course Coordinator (2000-2004) Scientific Information on Drugs course coordinator (2004-2009) CNR ICCOM unit responsible CNR associate INSTM scientific committee member REDI President (2018-2023) CRUI council member/Research delegate (2021-2023) EUA working group Research Policy Italy delegate (2021-2022) EUA Research and Innovation Steering Group- Italy representative (2023-2024) CRUM President (2021-2022) ALMALAUREA Council member APRE member of experts group
Prizes	○ Bonati prize 1998 ○ “Nasini” Medal (2004) ○ Honoris Causa Doctor in Chemistry from University of Galati 2012. ○ Camerte dell’Anno 2013 ○ Elected Member of Academy of Science di Lisbona nel 2015. ○ Member of Academy of Science of Bologna ○ Distinguished Fellow Award del Centro de Quimica Estrutural di Lisbona ○ Melvin Jones FRIEND 2018 ○ Verdicchio D’oro 2018 ○ San Giacomo della Marca Prize 2018 ○ Sacconi Lecture 2023
Publication number	446
h-index/citations	60/15746
Other original contributes	15
Congress communications	270
Books	4
Patents	4
Plenary/Lectio magistralis	21
Projects	21
PhD supervisions	16
Master degree supervisions	150
International Congresses organizations	6
Summer schools organizations	14
International Missions	17
Courses/Classes delivered	102
Special issues Guest editor	9
Editor	4
Member of Advisory Board	5
Scientific communication and divulgation Meetings	>30
Collaborators	50
Visiting Professor Activity	13

December 7th, 2023

Sincerely yours

Claudio Pettinari

A handwritten signature in black ink, reading "Claudio Pettinari". The signature is written in a cursive style with a large, stylized initial 'C'.