

CV of Claudio Pettinari

Personal Informations

Date of birth: **May 8th, 1964**. Place of birth: **Camerino**. Home Address: Via Farnese 24, 62032 Camerino (MC). E-mail: claudio.pettinari@unicam.it - rettore@unicam.it. Work address: Campus Universitario Via D'Accorso 16 (Rector Office) and Chemical Sciences Department, Via S. Agostino 1, 62032 Camerino MC. Tel. office: +39 0737 402003. Mobile: +39 320 4381102. Fax: +39 0737 402007. Fiscal Code: PTTCLD64E08B4740

Actual position

Rector of University of Camerino from 1 Nov 2017.

Full Professor of General and Inorganic Chemistry (**School of Pharmacy**), University of Camerino (MC).

ICCOM CNR associate (**1st october 2019**)

INSTM associate (**1 may 2017**)

Training, Formation and Qualification

- 1) **School-leaving certificate** (July 1983) Lyceum G. Varano of Camerino.
- 2) Five-Years **Degree in Chemistry**, obtained in February, 15th **1989** with marks **110/110 “cum laude”** 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)**

Responsibilities at UNICAM

- 1) **Rector** of University of Camerino from 1 Nov 2017.
- 2) **Vice-Rector** of University of Camerino from Nov 2011 to Oct 2017.
- 3) **Rector Delegate (International Relations)** from Nov 2011 to Oct, 2017.
- 4) **Rector Delegate for the coordination of Internationalization Activities** from Dec, 2005 to Nov, 2007
- 5) **Rector Referent for Internationalization of the University of Camerino from Jan 2008 to Nov 2011.**
- 6) **Responsible for the course in Pharmacy (Cl. 14S)** From Oct 1st, 2002 to Oct 31st, 2004 and from Nov 2009 to Nov 2011.

- 7) **Responsible for the course “Scientific Information on Drugs” (Cl. 24) since Nov 1st, 2004.**

Responsibilities at different Institutions and Qualification

- 1) **Member of the Advisory Board of Centro de Quimica Estrutural (Instituto Superior Tecnico, Univ. de Lisbona).**
- 2) **Member of the Advisory Board for CNR-Departments evaluation (Chemistry Panel, 2014-2015)**
- 3) **Member of the Scientific Committee of CNR (Chemistry Department) from 2019.**
- 4) **Member of the Administration Committee of ALMA LAUREA from 1 Jan 2020.**
- 5) **President of CRUM (Conference of Rectors of Marche Region) from 15 Jan 2020.**
- 6) **Responsible of the CNR interdipartimental Unit at Camerino University.**
- 7) **Representative for CRUI in UNISPORT**
- 8) **Member of the Italian Mission (Technological Transfer TRIP) to Denver, Cleveland and Pittsburgh Universities and research centres (Nov 2009).**
- 9) **Member of CIPISEF (Italian Conference of the Presidents of courses: Scientific Information on Drugs) since Nov, 1st 2004.**
- 10) **CIPISEF President (Italian Conference of the Presidents of courses: Scientific Information on Drugs) since June, 23rd 2007.**
- 11) **Member of the council of G.I.C.O (Interdivisional Group of Organometallic Chemistry) from Jan 2004 to Dec 2009.**
- 12) **Member of the council of Inorganic Chemistry Division (DCI) from Jan 2009 to Dec 2015.**
- 13) **Director of the International School of Organometallic Chemistry (ISOC series) in 2007, 2009, 2011, 2013, 2015 and 2017 (<http://d7.unicam.it/isoc/home>).**
- 14) **Member of the Administration committee of UNIFABRIANO from 2012 to 2015.**
- 15) **Member of the Administration committee of ISTAO from 2018.**
- 16) **Member of the scientific committee of INSTM**
- 17) **President of the consortium REDI from april 2018**
- 18) **Member of the Administration committee of the National Cluster Made IN ITALY (MINIT) from sept 2017.**
- 19) **Member of the scientific committee of the consortium UNIADRION (consortium of Universities of Adriatic Sea).**
- 20) **Member of the administration committee of CERHER (Center of Resilience on Heritage)**
- 21) **Member of the scientific committee of the Fondazione SORELLA NATURA.**
- 22) **Secretariat of the EUCHEM Conference N-donor ligand in Catalysis, Organometallic and Coordination Chemistry.**
- 23) **Responsible for the Camerino CNR ICCOM unit from 2016.**
(<http://www.iccom.cnr.it/index.php/it/istituto/sedi/camerino>).

- 24) Rector delegate for Marche SMART specialization strategy from 2012 to 2016.
- 25) Member of the Marchigiani nel Mondo Committee from 2010-2016
- 26) Member of the International Cooperation Marche Region committee from 2010 to date
- 27) Member of the Accademia Georgica di Treia
- 28) Member of the Scientific Committee for the Cecco D'Ascoli prize.

Visiting professor.

- 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 June 2015;
- 13) 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 from University of Galati** in Sept 2012.
- **Camerte dell’Anno 2013 (prize offered by the Camerino municipality).**
- **Elected Member of the Academy of Science of Lisbon from 2015.**
- **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 by the Sarnano municipality)**

Research description

Claudio Pettinari is author and coauthor of **410 papers** (from Google Scholar h-index = **50**, citations = **11980**; from SCOPUS h-index = 47, citations = 10331, from Web o Science: h-index

= 44, 8600 citations) in international peer-review journals (**392 documents** in SCOPUS, **383 reported in WEB of Science, see attached list**), including at least **18** high-level invited reviews, and more than **250 communications** to international and national congresses and workshops. He is inserted in the **Top Italian Scientist** list. He is also author of **3 books, 4 national and 3 international patents** and **8** 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(azolyl)metallates, poly(azolyl)alkanes, poly(azolyl)acetates, poly(azolyl)borates, oxazolines, chiral solfoxides 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.

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 number of 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 TiO₂ as precursors in osteointegration of dental implants trough 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 tazza, 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.**

In addition, in the last ten years 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 trough sequential activation of carbon dioxide and other substrates. Scientific coordinator. Prof. Michele Aresta.

Patents

- a) 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%
- b) CARUSO F., PETTINARI C (2002). Preparation of gold compounds simultaneously coordinated by mono- and bidentate phosphines having antitumor activity. WO 2003008427, 50%
- c) 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.

- d) Italian Patent MI2013A0001359, deposited 07 08 2013, Title: Complessi di Rutenio con attività Chemioterapica antitumorale.

Editorial Activity

Claudio Pettinari is

- a) **Editor in chief** of the section Organometallic Chemistry of Inorganics (MDPI)
http://www.mdpi.com/journal/inorganics/sectioneditors/organometallic_chem
- 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>

In addition, he has been

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

Invited Plenary Lectures or Key Notes

1. **Invited speaker at ACS National congress in New Orleans 2003**
2. **Invited Speaker (Plenary Lecture) at Athens 2005-FIGIPAS**
3. **Plenary Lecture at Milano 2007 (Italian Chemistry Division congress)**
4. **Plenary Memorial Lecture at Garmish 2008 (Nitrogen donor ligand international Meeting)**
5. **Plenary Lecture at Torino 2010 (workshop on MOF)**
6. **Plenary Lecture at Organometallic School (Bertinoro, 2010)**
7. **Key-note Lecture at EUCOMC Toulouse 2011**
8. **Plenary Lecture at ICOMC Lisbon 2012.**
9. **Invited Speaker at XXXIV Reunion Bienal Real Sociedad de Quimica Espanola, Santander 2013.**
10. **Plenary Lecture at Bioinorganic Chemistry School (Pisa, November 2014)**
11. **Invited Lecture at the ISCHIA meeting of INSTM (Ischia, July 2017)**
12. **Lectio magistralis at the Summer School Sereni (Istituto Cervi): Paesaggio e Democrazia (Caldarola, september 2018)**
13. **Invited Lecture at the GEO Conference (Bari 2018)**
14. **Plenary Lecture at the AIMAT conferences (Ischia 2019)**

Roma (nasini)

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 six editions of ISOC (2009-2019).
- e) **Chairman** of the Organizing Committee of the 3rd EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Sept 8-12, 2004, Camerino.
- f) 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.
- g) 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.
- h) Member of the Scientific committee of the 6th EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Catalysis and Coordination Chemistry, 2015, Beaune, France
- i) 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.
- j) Chairman of the Organizing and Scientific Committee of the 1st International Workshop on New Hybrid Metal Organic Materials, Jan 16-18, 2009, Camerino.
- k) Member of the Scientific Committee of IX Symposium of Colloids and Surface Chemistry held in Galati (Romania, May 2008).
- l) Member of the Scientific committee of XXXVIII Congresso Nazionale della Divisione di Chimica Inorganica, 13-16 Sept 2010 (Trieste).
- m) Member of Scientific Committee of the Scuola Nazionale di Chimica Organometallica per dottorandi, 23-27 maggio 2010 Bertinoro (BO)
- n) Member of Scientific Committee of the Scuola Nazionale di Chimica Bioinorganica per dottorandi, 3-6 luglio 2011 Siena.
- o) Workshops Organisation in Buenos Aires (2011 and 2012): Functional Coordination Polymers.

Scientific Collaborations

Claudio Pettinari has collaborated and actually collaborates 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 Marciante, 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 Univerisity, 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)

Teaching Activity

Claudio Pettinari in the academic years 1992-93, 1993-94, 1994-95 and 1995-96 did 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
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 2018-2019 and 2019-2020.**

Actual Teachings

- a) **General and Inorganic Chemistry** (Degree in Farmacia): 6 CFU
- b) **General and Inorganic Chemistry** (Degree in Scienze Gastronomiche): 4 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 (in bold are indicated the concluded PhD courses)

1. **Domenico Martini**
2. **Corrado Di Nicola**
3. **Adele Cerquetella**
4. **Jean Ngoune**
5. **Aurel Tabacaru (XXV course)**
6. **Ivan Timokhin (XXIV course)**
7. **Alessandro Marinelli (XXIII course)**
8. **Serena Orbisaglia (XXV course)**
9. **Jessica Palmucci (XVI course)**
10. **Nertil Khaferaj (XXVII course)**
11. **Francesca Condello (XXVII course) EUREKA Project (Azienda INFISSI DESIGN)**
12. **Alessandra Sabatini (XXVIII course) EUREKA Project (Azienda TEUCO)**

13. Giovanni Tosi (XXVIII course) EUREKA Project (Azienda COSMOB)
14. Nello Mosca (XXIX course)
15. Alessia Tombesi (XXX course) EUREKA Project (Azienda DIASEN)
16. Francesco Balducci (XXXI course) EUREKA Project (Azienda COSMOB)
17. Patrizio Campitelli
18. Giorgio Mercuri

Master Organization:

He is actually member of the scientific committee for a Master on “Paper conservation and restoration” and Director of a Master on Advanced Materials for the fashion system (Brasilia-Camerino 2015). 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, Santafè 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 through PAESI TERZI, COPINT and double Degree Mobilities Actions
- More than 120 students mobilities within ERASMUS traineeship 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
- SHOEVALLEY project developed with entrepreneurs of Chienti Shoes District.
- 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, Contramusicultura 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, Fermo, 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)

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. Festival della Paesologia
5. I Betti
6. UNICAMONTAGNA

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

<p>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</p>
<p>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</p>
<p>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</p>
<p>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; Rafaiani, 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</p>
<p>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</p>
<p>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</p>
<p>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</p>
<p>Title: Tin(IV) and organotin(IV) adducts of 4-acyl-5-pyrazolones and germanium (IV) 4-acyl-5-pyrazolonates 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</p>
<p>Title: Synthesis and characterization of some tin(IV) and organotin(IV) derivatives of 1-phenyl-3-methyl-4-acyl-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</p>
<p>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</p>
<p>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</p>
<p>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</p>
<p>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</p>

<p>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</p>
<p>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</p>
<p>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</p>
<p>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</p>
<p>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</p>
<p>Title: Synthesis, characterization and spectroscopic investigations of tin(IV) and organotin(IV) derivatives of 4-aroil-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</p>
<p>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</p>
<p>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</p>
<p>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</p>
<p>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</p>
<p>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</p>
<p>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</p>

	<p>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</p>
	<p>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</p>
	<p>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</p>
	<p>Title: Synthesis and characterization of copper(I) derivatives with N-donor ligands .3. Hydridotris(1H-pyrazol-1-yl)borate. The X-ray crystal structure of [HB-(μ-pz)₃-Cu(PPh₃)] 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</p>
	<p>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</p>
	<p>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</p>
	<p>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</p>
	<p>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</p>
	<p>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</p>
	<p>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</p>
	<p>Title: First-row transition and group 12 element bis {poly[4-methyl-1H-pyrazol-1-yl]borate} 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</p>

	<p>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</p>
	<p>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</p>
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	<p>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</p>
	<p>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</p>
	<p>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)00330-8 Published: 1998</p>
	<p>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</p>
	<p>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</p>
	<p>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</p>
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	<p>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</p> <p>Author(s): Marchetti, F; Pettinari, C; Rossi, M; Caruso, F.</p> <p>Source: MAIN GROUP METAL CHEMISTRY Volume: 21 Issue: 5 Pages: 255-259 Published: MAY 1998</p>
	<p>Title: Variable co-ordination numbers in 1 : 1 adducts of silver(I) tetrakis(pyrazolyl)borates with tertiary phosphines</p> <p>Author(s): Effendy; Gioia Lobbia, G; Pettinari, C; Santini, C; Skelton, BW; White, AH.</p> <p>Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 16 Pages: 2739-2748 DOI: 10.1039/a802811g Published: AUG 21 1998</p>
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	<p>Title: Synthesis and structural systematics of mixed triphenylphosphine/imidazole base adducts of silver(I) oxyanion salts</p> <p>Author(s): Cingolani, A; Effendy; Marchetti, F; Pettinari, C; Skelton, BW; White, AH.</p> <p>Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 22 Pages: 4047-4055 DOI: 10.1039/a906624a Published: 1999</p>

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<p>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</p>
<p>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</p>
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<p>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</p>
<p>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</p>
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<p>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</p>
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	<p>Title: Novel bis(acylpyrazolonato)cadmium(II) derivatives and their reactivity toward aromatic and aliphatic N-2-donor ligands</p> <p>Author(s): Pettinari, C; Marchetti, F; Cingolani, A; Pettinari, R; Troyanov, SI; Drozdov, A.</p> <p>Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 5 Pages: 831-836 DOI: 10.1039/a908913f Published: 2000</p>
	<p>Title: Solution and solid-state structural properties of silver(I) dihydrobis(pyrazolyl)borate compounds with tertiary mono(phosphine) ligands</p> <p>Author(s): Effendy; Gioia Lobbia, G; Pellei, M; Pettinari, C; Santini, C; Skelton, BW; White, AH.</p> <p>Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 13 Pages: 2123-2129 DOI: 10.1039/b0011681 Published: 2000</p>
	<p>Title: Synthesis, spectroscopic characterization, and structural systematics of new triorganophosphinecopper(I) poly(pyrazol-1-yl)borate complexes</p> <p>Author(s): Pellei, M; Pettinari, C; Santini, C; Skelton, BW; Somers, N; White, AH.</p> <p>Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 19 Pages: 3416-3424 DOI: 10.1039/b003613g Published: 2000</p>
	<p>Title: Synthesis, structural and spectroscopic characterization of new silver(I) poly(pyrazolyl)borate complexes containing isonitrile ligands</p> <p>Author(s): Effendy; Gioia Lobbia, G; Pettinari, C; Santini, C; Skelton, BW; White, AH.</p> <p>Source: INORGANICA CHIMICA ACTA Volume: 298 Issue: 2 Pages: 146-153 Published: FEB 15 2000</p>
	<p>Title: The synthesis of substituted 7,7'-bis-indolizines via 1,3-dipolar cycloaddition under microwave irradiation</p> <p>Author(s): Dinica, RM; Druta, II; Pettinari, C</p> <p>Source: SYNLETT Issue: 7 Pages: 1013-1015 Published: JUL 2000</p>
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	<p>Title: Synthesis, structure, and antitumor activity of a novel tetranuclear titanium complex</p> <p>Author(s): Caruso, F; Rossi, M; Tanski, J; Sartori, R; Sariego, R; Moya, S; Diez, S; Navarrete, E; Cingolani, A; Marchetti, F; Pettinari, C</p> <p>Source: JOURNAL OF MEDICINAL CHEMISTRY Volume: 43 Issue: 20 Pages: 3665-3670 DOI: 10.1021/jm990539b Published: OCT 5 2000</p>
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	<p>Title: On the interaction between imidazoles and cadmium salts. Comparison between cadmium and zinc complexes of imidazoles</p> <p>Author(s): Pellei, M; Pettinari, C</p> <p>Source: MAIN GROUP METAL CHEMISTRY Volume: 24 Issue: 1 Pages: 43-52 Published: 2001</p>
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	<p>Title: Synthesis of substituted 7,7'-bis-indolizines via 1,3-dipolar cycloaddition under microwave irradiation</p> <p>Author(s): Dinica, RM; Pettinari, C</p> <p>Source: HETEROCYCLIC COMMUNICATIONS Volume: 7 Issue: 4 Pages: 381-386 Published: 2001</p>

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	<p>Title: Organotin(IV) derivatives containing bis(diphenylphosphine)- and bis(diphenylphosphineoxo)alkanes</p> <p>Author(s): Pettinari, C; Marchetti, F; Cingolani, A; Pettinari, R; Drozdov, A; Troyanov, S.</p> <p>Source: INORGANICA CHIMICA ACTA Volume: 312 Issue: 1-2 Pages: 125-132 DOI: 10.1016/S0020-1693(00)00358-3 Published: JAN 29 2001</p>
	<p>Title: Structure and volatility of copper complexes containing pyrazolyl-based ligands</p> <p>Author(s): Pettinari, C; Marchetti, F; Santini, C; Pettinari, R; Drozdov, A; Troyanov, S; Battiston, GA; Gerbasi, R.</p> <p>Source: INORGANICA CHIMICA ACTA Volume: 315 Issue: 1 Pages: 88-95 DOI: 10.1016/S0020-1693(01)00330-9 Published: APR 16 2001</p>
	<p>Title: Solution and solid-state structural properties of silver(I) poly(pyrazolyl)borate compounds with bidentate diphosphines</p> <p>Author(s): Effendy; Gioia Lobbia, G; Pellei, M; Pettinari, C; Santini, C; Skelton, BW; White, AH.</p> <p>Source: INORGANICA CHIMICA ACTA Volume: 315 Issue: 2 Pages: 153-162 Published: APR 27 2001</p>
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	<p>Title: Interaction of Rh(I) with a new polydentate O₄,N-donor pyrazolone able to form mononuclear, dinuclear and heterobimetallic compounds</p> <p>Author(s): Pettinari, C; Marchetti, F; Drozdov, A; Vertlib, V; Troyanov, S.</p> <p>Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 4 Issue: 6 Pages: 290-293 DOI: 10.1016/S1387-7003(01)00187-3 Published: JUN 2001</p>
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	<p>Title: New volatile polyazolyborates of copper(I) for MOCVD</p> <p>Author(s): Drozdov, A; Troyanov, SI; Pettinari, C; Marchetti, F; Santini, C; Pettinari, R; Battiston, GA; Gerbasi, R.</p> <p>Conference: 13th European Conference on Chemical Vapor Deposition (EUROCVD 13) Location: GLYFADA, GREECE Date: AUG 26-31, 2001</p> <p>Source: JOURNAL DE PHYSIQUE IV Volume: 11 Issue: PR3 Pages: 585-592 Published: AUG 2001</p>
	<p>Title: Syn-anti Conversion in octahedral bis(beta-diketonato)diorganotin(IV) derivatives containing fluorinated 4-acyl-5-pyrazolonato donors</p> <p>Author(s): Pettinari, C; Marchetti, F; Cingolani, A; Gindulyte, A; Massa, L; Rossi, M; Caruso, F.</p> <p>Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 8 Pages: 2171-2180 Published: AUG 2001</p>
	<p>Title: Copper(I) and silver(I) azide complexes containing N-donor ligands</p> <p>Author(s): Pettinari, C</p> <p>Source: POLYHEDRON Volume: 20 Issue: 21 Pages: 2755-2763 DOI: 10.1016/S0277-5387(01)00895-6 Published: SEP 30 2001</p>
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<p>Title: Synthesis and characterisation of tin(IV) and organotin(IV) derivatives 2-[[2-(2-hydroxyphenyl)imino]methyl]phenol</p> <p>Author(s): Pettinari, C; Marchetti, F; Pettinari, R; Martini, D; Drozdov, A; Troyanov, S.</p> <p>Source: INORGANICA CHIMICA ACTA Volume: 325 Issue: 1-2 Pages: 103-114 DOI: 10.1016/S0020-1693(01)00654-5 Published: DEC 3 2001</p>
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<p>Title: Copper(I) coordination polymers and mononuclear copper(I) complexes built from poly(1,2,4-triazolyl)borate ligands and tri-organophosphines</p> <p>Author(s): Gioia Lobbia, G; Pellei, M; Pettinari, C; Santini, C; Skelton, BW; Somers, N; White, AH.</p> <p>Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 11 Pages: 2333-2340 DOI: 10.1039/b200200k Published: 2002</p>
<p>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)</p> <p>Author(s): Marchetti, F; Pettinari, C; Pettinari, R; Cingolani, A; Drozdov, A; Troyanov, S.</p> <p>Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 13 Pages: 2616-2623 DOI: 10.1039/b200189f Published: 2002</p>
<p>Title: Silver derivatives of tris(pyrazol-1-yl)methanes. A silver(I) nitrate complex containing a tris(pyrazolyl)methane coordinated in a bridging mode</p> <p>Author(s): Cingolani, A; Effendy; Martini, D; Pellei, M; Pettinari, C; Skelton, BW; White, AH.</p> <p>Source: INORGANICA CHIMICA ACTA Volume: 328 Pages: 87-95 DOI: 10.1016/S0020-1693(01)00690-9 Published: JAN 30 2002</p>
<p>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)</p> <p>Author(s): Marchetti, F; Pettinari, C; Cingolani, A; Pettinari, R; Rossi, M; Caruso, F.</p> <p>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</p>
<p>Title: Silver(I) derivatives with new functionalised acylpyrazolonates</p> <p>Author(s): Cingolani, A; Effendy; Marchetti, F; Pettinari, C; Pettinari, R; Skelton, BW; White, AH.</p> <p>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</p>
<p>Title: First structurally characterized silver(I) derivatives with nonfluorinated beta-diketones</p> <p>Author(s): Cingolani, A; Effendy; Marchetti, F; Pettinari, C; Pettinari, R; Skelton, BW; White, AH.</p> <p>Source: INORGANIC CHEMISTRY Volume: 41 Issue: 5 Pages: 1151-1161 DOI: 10.1021/ic0109391 Published: MAR 11 2002</p>
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<p>Title: Synthesis, structure and luminescence properties of new rare earth metal complexes with 1-phenyl-3-methyl-4-acylpyrazol-5-ones</p> <p>Author(s): Pettinari, C; Marchetti, F; Pettinari, R; Drozdov, A; Troyanov, S; Voloshin, AI; Shavaleev, NM.</p> <p>Source: JOURNAL OF THE CHEMICAL SOCIETY-DALTON TRANSACTIONS Issue: 7 Pages: 1409-1415 DOI: 10.1039/b108058j Published: APR 7 2002</p>
<p>Title: Synthesis, spectroscopic and structural characterization of Cu(II) derivatives of tris(pyrazol-1-yl)methanes</p> <p>Author(s): Martini, D; Pellei, M; Pettinari, C; Skelton, BW; White, AH.</p> <p>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</p>

<p>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)}]</p> <p>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</p>
<p>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</p> <p>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</p>
<p>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</p> <p>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</p>
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<p>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</p> <p>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</p>
<p>Title: Lanthanide metal complexes containing the first structurally characterized beta-diketonate acid stabilized by hydrogen bonding</p> <p>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</p>
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<p>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</p> <p>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</p>
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<p>Title: Mechanistic aspects of isotactic CO/styrene copolymerization catalyzed by oxazoline palladium(II) complexes</p> <p>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</p>

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<p>Title: Synthesis, spectroscopic and structural characterisation of Cd(II) and Zn(II) derivatives of tris(3,4,5-trimethylpyrazol-1-yl)methane</p> <p>Author(s): Cingolani, A; Martini, D; Marchetti, F; Pettinari, C; Ricciutelli, M; Skelton, BW; White, A.</p> <p>Source: INORGANICA CHIMICA ACTA Volume: 350 Pages: 641-650 DOI: 10.1016/S0020-1693(03)00111-7 Published: JUL 4 2003</p>
<p>Title: Synthesis and structural characterization of mixed-sandwich complexes of rhodium(III) and iridium(III) with cyclopentadienyl and hydrotris(pyrazolyl)borate ligands</p> <p>Author(s): Carmona, E; Cingolani, A; Marchetti, F; Pettinari, C; Pettinari, R; Skelton, BW; White, AH.</p> <p>Source: ORGANOMETALLICS Volume: 22 Issue: 14 Pages: 2820-2826 DOI: 10.1021/om020930m Published: JUL 7 2003</p>
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<p>Title: (4-acyl-5-pyrazolonato)titanium derivatives: Oligomerization, hydrolysis, voltammetry, and DFT study</p> <p>Author(s): Caruso, F; Massa, L; Gindulyte, A; Pettinari, C; Marchetti, F; Pettinari, R; Ricciutelli, M; Costamagna, J; Canales, JC; Tanski, J; Rossi, M.</p> <p>Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 17 Pages: 3221-3232 DOI: 10.1002/ejic.200300135 Published: SEP 5 2003</p>
<p>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}</p> <p>Author(s): Pettinari, C; Marchetti, F; Pettinari, R; Vertlib, V; Drozdov, A; Timokhin, I; Troyanov, S; Min, YS; Kim, D.</p> <p>Source: INORGANICA CHIMICA ACTA Volume: 355 Pages: 157-167 DOI: 10.1016/S0020-1693(03)00276-7 Published: NOV 20 2003</p>
<p>Title: The role of reaction medium on the coordination environment of terbium in complexes with 4-acylpyrazol-5-ones</p> <p>Author(s): Pettinari, C; Pettinari, R; Marchetti, F; Drozdov, A; Timokhin, I; Semenov, S; Troyanov, SI.</p> <p>Source: INORGANIC CHEMISTRY COMMUNICATIONS Volume: 6 Issue: 12 Pages: 1423-1425 DOI: 10.1016/j.inoche.2003.08.028 Published: DEC 2003</p>
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<p>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</p> <p>Author(s): Pettinari, C; Marchetti, F; Pettinari, R; Pizzabiocca, A; Drozdov, A; Troyanov, SI; Vertlib, V.</p> <p>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</p>
<p>Title: Copper and silver derivatives of scorpionates and related ligands</p> <p>Author(s): Pettinari, C; Cingolani, A; Lobbia, GG; Marchetti, F; Martini, D; Pellei, M; Pettinari, R; Santini, C.</p> <p>Source: POLYHEDRON Volume: 23 Issue: 2-3 Pages: 451-469 DOI: 10.1016/j.poly.2003.11.033 Published: JAN 22 2004</p>

<p>Title: A 4-acyl-5-pyrazolone ligand (HQ) in N-unidentate coordination mode in a Rh(CO)₂Cl(HQ)-type complex</p> <p>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</p>
<p>Title: Gold derivatives of scorpionates: comparison with the other coinage metal poly(pyrazolyl)borate analogues.</p> <p>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)</p>
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<p>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</p> <p>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</p>
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<p>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</p>
<p>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</p>
<p>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</p>
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<p>Title: The structural definition of adducts of stoichiometry MX : dp_x (1 : 1) M = (CuAgI)-Ag-I, X = simple anion, dp_x=Ph₂P(CH₂)_xPPh₂, 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</p>
<p>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</p>
<p>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</p>
<p>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</p>
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<p>Title: Third Euchem Conference on "Nitrogen ligands in organometallic chemistry and homogeneous catalysis", Camerino, Italy, September 2004. Classical organometallic chemistry and beyond</p> <p>Author(s): Pettinari, C; Masciocchi, N</p> <p>Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 690 Issue: 8 Pages: 1871-1877 DOI: 10.1016/j.jorgchem.2005.01.068 Published: APR 15 2005</p>
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<p>Title: Synthesis and spectroscopic and X-ray structural characterization of R₂Sn^{IV}-oxydiacetate and -iminodiacetate complexes</p> <p>Author(s): Di Nicola, C; Galindo, A; Hanna, JV; Marchetti, F; Pettinari, C; Pettinari, R; Rivarola, E; Skelton, BW; White, AH.</p> <p>Source: INORGANIC CHEMISTRY Volume: 44 Issue: 9 Pages: 3094-3102 DOI: 10.1021/ic0482840t Published: MAY 2 2005</p>
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<p>Title: Tripodal polyphosphine ligands in silver (I) coordination chemistry: Mononuclear cf. polynuclear complex dependence vis-a-vis counterion and ligand to metal ratio</p> <p>Author(s): Effendy; Pettinari, C; Pettinari, R; Ricciutelli, M; Skelton, BW; White, AH.</p> <p>Source: INORGANICA CHIMICA ACTA Volume: 358 Issue: 13 Pages: 4009-4018 DOI: 10.1016/j.ica.2005.06.041 Published: SEP 1 2005</p>
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<p>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</p>
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<p>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</p>
<p>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</p>
<p>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</p>
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<p>Title: Swiatoslaw Trofimenko (1931-2007) - Obituary</p> <p>Author(s): Pettinari, C</p> <p>Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 46 Issue: 30 Pages: 5652-5652 DOI: 10.1002/anie.200702749 Published: 2007</p>
<p>Title: Structures and spectroscopy of some adducts of coinage metal(I) cyanides with 'tetrahedral'-unidentate-N-bases</p> <p>Author(s): Bowmaker, GA.; Pettinari, C; Skelton, BW.; Somers, N; Vigar, NA; White, AH.</p> <p>Source: ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE Volume: 633 Issue: 3 Pages: 415-421 DOI: 10.1002/zaac.200600317 Published: 2007</p>
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<p>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</p> <p>Author(s): Pettinari, C; Pettinari, R; Marchetti, F; Macchioni, A; Zuccaccia, D; Skelton, BW; White, AH.</p> <p>Source: INORGANIC CHEMISTRY Volume: 46 Issue: 3 Pages: 896-906 DOI: 10.1021/ic061928g Published: FEB 5 2007</p>
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	<p>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</p>
	<p>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</p>
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	<p>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</p>

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<p>Title: Structural and thermodiffraction analysis of coordination polymers. Part: Tin derivatives of the Bim ligand [Bim = bis(l-imidazolyl)methane]</p> <p>Author(s): Masciocchi, N; Pettinari, C; Alberti, E; Pettinari, R; Di Nicola, C; Albisetti Figini, A; Sironi, A.</p> <p>Source: INORGANIC CHEMISTRY Volume: 46 Issue: 25 Pages: 10491-10500 DOI: 10.1021/ic701530c Published: DEC 10 2007</p>
<p>Title: Structural and thermodiffraction analysis of coordination polymers. Part II: (1) Zinc and cadmium derivatives of the Bim ligand [Bim = bis(l-imidazolyl)methane]</p> <p>Author(s): Masciocchi, N; Pettinari, C; Alberti, E; Pettinari, R; Di Nicola, C; Albisetti Figini, A; Sironi, A.</p> <p>Source: INORGANIC CHEMISTRY Volume: 46 Issue: 25 Pages: 10501-10509 DOI: 10.1021/ic7015319 Published: DEC 10 2007</p>
<p>Title: 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</p> <p>Author(s): Casarin, M; Garau, F; Monari, M; Pandolfo, L; Pettinari, C; Venzo, A.</p> <p>Source: NEW JOURNAL OF CHEMISTRY Volume: 32 Issue: 2 Pages: 358-364 DOI: 10.1039/b711136c Published: 2008</p>
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<p>Title: Synthesis, characterization, spectroscopic and photophysical properties of new [Cu(NCS){(L-N)₂} or (L'-N-N)](PPh₃) complexes (L-N, L'-N-N = aromatic nitrogen base)</p> <p>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.</p> <p>Source: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY Issue: 12 Pages: 1974-1984 DOI: 10.1002/ejic.200701236 Published: APR 2008</p>
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Metal organic frameworks for chemical conversion of carbon dioxide

Authors: Claudio Pettinari, Alessia Tombesi

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