



Curriculum Vitae Claudio Pettinari



Posizione attuale

Rettore dell'Università degli Studi di Camerino dall'**1.11.2017**.

In carica come **Prorettore alla Ricerca**

Professore ordinario di Chimica Generale ed Inorganica (**Scuola del Farmaco e dei Prodotti della Salute**),
Università degli Studi di Camerino (MC).

Associato CNR (1 ottobre 2019)

Associato INSTM (1 maggio 2017)

Incarichi di responsabilità in UNICAM

- 1) **Rettore** dal 1 novembre 2017 e in carica in qualità di **Prorettore alla Ricerca**
- 2) **Prorettore Vicario** dal 1 novembre 2011 al 31 ottobre 2017.
- 3) **Delegato del Rettore per le Relazioni Internazionali** dal 1 novembre 2011 al 31 ottobre 2017.
- 4) **Delegato del Rettore** dell'Univ. di Camerino **per il Coordinamento delle Attività di Internazionalizzazione** da Dicembre 2005 a Novembre 2007
- 5) **Referente del Rettore per l'Internazionalizzazione** dell'Università di Camerino da Gennaio 2008 a Novembre 2011.
- 6) **Responsabile del Corso di Laurea in Farmacia** (Cl. 14S) da ottobre 2002 a ottobre 2004 e da Novembre 2009 a Novembre 2011.
- 7) **Responsabile/Referente per il corso di Laurea in Informazione Scientifica sul Farmaco** (Cl. 24) da Novembre 2004 a Ottobre 2009.

Altri incarichi di responsabilità in differenti istituzioni

- 1) **Consigliere della Giunta della CRUI** da gennaio 2021.
- 2) **Delegato CRUI per la Ricerca**
- 3) **Rappresentante Italiano nel working Group EUA in Research Policy**
- 4) **Presidente del CRUM** (Conferenza dei Rettori delle Marche) **da gennaio 2020 a Gennaio 2022**.
- 5) **Membro del consiglio di amministrazione di ALMA LAUREA dal 1 gennaio 2020**.
- 6) **Membro dell'Advisory Board of Centro de Química Estrutural** (Instituto Superior Tecnico, Univ. de Lisboa).
- 7) **Presidente del Consorzio REDI** (Reducing Risks of Natural Disasters) **da Aprile 2018**.
- 8) **Rappresentante CRUI in UNISPORT**.
- 9) **Membro del Consiglio scientifico del DSCTM CNR** (prov. del PRESIDENTE n. 108/2019).
- 10) **Membro dell' Advisory Board per la valutazione degli istituti chimici del CNR** (2014-2015).
- 11) **Membro del Consiglio di Amministrazione dello Sferisterio di Macerata** (2021-2024).
- 12) **Direttore della Scuola Internazionale di Chimica Organometallica (ISOC series)** nel 2007, 2009, 2011, 2013, 2015, 2017, 2019 e 2021.
- 13) **Membro del comitato scientifico del premio Cecco d'Ascoli**.
- 14) **Membro del consiglio di amministrazione dell' ISTAO dal 2018**.
- 15) **Membro del comitato scientifico dell' INSTM dal 2018**.

- 16) **Membro del consiglio di Amministrazione del Cluster nazionale Made IN ITALY (MINIT) dal settembre 2017 fino a settembre 2021**
- 17) **Membro dell'Accademia Georgica di Treia**
- 18) **Responsabile dell'URT ICCOM CNR istituita presso l'Università di Camerino da settembre 2014 a dicembre 2020.**
- 19) **Segretario della Conferenza EUCHEM Conference N-donor ligand in Catalysis, Organometallic and Coordination Chemistry.**
- 20) **Membro dell'Accademia di Scienze di Lisbona**
- 21) **Membro del consiglio scientifico della Fondazione SORELLA NATURA.**
- 22) **Membro del consiglio direttivo del CERIF (Centro Ricerca sui Beni Culturali Villa Farnesina).**
- 23) **Referente per l'attività di promozione della mobilità ciclistica tra i poli universitari e stazioni ferroviarie avviata dal MIT.**

Incarichi di responsabilità avuti nel passato

- 24) **Membro della Missione Italiana (Technological Transfer TRIP) presso le Università e i centri di ricerca di Denver, Cleveland e Pittsburgh organizzata dall'ambasciata US in Italia (Nov 2009).**
- 25) **Membro del CIPISF (Conferenza Italiana dei Presidenti dei Corsi di Laurea in Informazione Scientifica sul Farmaco) dal 1 Nov 2004 al 31 Ott. 2009.**
- 26) **Presidente CIPISF (Conferenza Italiana dei Presidenti dei Corsi di Laurea in Informazione Scientifica sul Farmaco) Giugno 2007-Ottobre 2009**
- 27) **Membro del G.I.C.O (Gruppo Interdivisionale di Chimica Organometallica) da Gen 2004 a Dec 2009.**
- 28) **Membro del Consiglio della Divisione di Chimica Inorganica (DCI) da Gen 2009 a Dic 2014.**
- 29) **Membro del Consiglio di amministrazione dell' UNIFABRIANO dal 2012 al 2014.**
- 30) **Membro del Consiglio scientifico dell' UNIADRION (consorzio delle Università del Mare Adriatico).**
- 31) **Membro del Comitato Marchigiani nel mondo dal 2010 al 2016**
- 32) **Membro della commissione Cooperazione della Regione Marche dal 2010 al 2021**
- 33) **Membro del consiglio di amministrazione del CERHER (Center of Resilience on Heritage)**
- 34) **Delegato del Rettore presso la Regione Marche per la SMART specialization strategy dal 2012 al 2016.**
- 35) **Delegato per la partecipazione al Tavolo della regione Marche area tematica "TERREMOTO".**

Formazione, Scuole Estive

- 1) **Diplomato al Liceo G. Varano di Camerino (1983).**
- 2) **Laurea quinquennale in Chimica, Febbraio 1989, 110/110 "cum laude" all'Università di Camerino con la tesi Copper(I) adducts of poly(pyrazolyl)alkanes relatore: Prof. Flavio Bonati.**
- 3) **Contratto di Ricerca con l'Università di Camerino dal 7 giugno al 30 novembre 1989.**
- 4) **Partecipazione alla Scuola di Spettroscopia NMR in Chimica Inorganica a Santa Vittoria d'Alba (Giugno-Luglio 1990).**
- 5) **Periodo di formazione all'Istituto CNR di "Strutturistica Chimica" a Montelibretti Roma da giugno a luglio 1994 per l'apprendimento di tecniche di analisi mediante diffrazione di raggi X su cristallo singolo sotto la supervisione del Dr. Francesco Caruso.**
- 6) **Periodo di formazione presso l'Università di Saragozza (sotto la supervisione del Prof. Luis Oro) Agosto-settembre 1999, Agosto-settembre 2001, nell'ambito del programma Azione Integrata Italai Spagna Camerino-Saragozza).**
- 7) **Percorso formativo Management avanzato per l'università del III millennio, organizzato da Fondazione CRUI e MIP-Politecnico di Milano da febbraio a maggio 2016.**

Visiting Professor

1. **Programma Socrates-Erasmus-Tempus, Università di Galati-Romania –M. Rodica Dinica, Novembre 1999;**
2. **TS Socrates Erasmus, University of Sevilla - Ernesto Carmona-, maggio 2002);**
3. **TS Socrates-Erasmus, University of Strasbourg – Pierre Braunstein, Giugno-Luglio 2005;**
4. **TS Socrates-Erasmus, University of Tolosa, Novembre 2007;**
5. **TS Socrates-Erasmus, Instituto Superior Tecnico, Lisbona, settembre 2008;**
6. **Azione Integrata Project, University of Sevilla, Aprile 2009;**
7. **ERASMUS, 2011, University of Granada;**
8. **University of Delaware and South-Carolina aprile 2011.**
9. **TS Socrates-Erasmus, University of Paris VI – Giovanni Poli, Maggio 2012;**
10. **TS Socrates-Erasmus, University of Barcellona – Patrick Gamez, Maggio 2013;**
11. **TS Socrates-Erasmus, University of Strasbourg – Pierre Braunstein, Giugno - luglio 2014.**
12. **TS Socrates-Erasmus, University of Strasbourg – Pierre Braunstein, Giugno 2015.**
13. **University Leiden, Elisabeth Bouwman, Marzo 2016.**

Research Activity

Premi

- **Premio Bonati nel 1998** per giovani ricercatori sotto a 35 anni
- **Premio Medaglia "Nasini" nel 2004** : miglior ricercatore di chimica Inorganica sotto a 40 anni (Claudio Pettinari, è l'unico ricercatore italiano ad aver vinto Nasini e Bonati)
- **Dottore Honoris Causa in Chimica dell'Università di Galati nel settembre 2012.**
- **Camerte dell'Anno 2013 (Città di Camerino).**
- **Elected Member dell' Academy of Science di Lisbona nel 2015.**
- **Distinguished Fellow Award del Centro de Quimica Estrutural di Lisbona nel 2016.**
- **Melvin Jones FRIEND 2018 (Onoreficenza Lions)**
- **Verdicchio D'oro 2018 (Comune di Staffolo, Accademia dei Georgofili)**
- **Premio San Giacomo della Marca 2018 (Città di Sarnano)**
- **Paul Harris Fellow (Distretto 2021, Lanciano)**

Attività di ricerca

Descrizione della ricerca – Alcuni numeri

Claudio Pettinari è autore e coautore di **428** lavori (Google Scholar h index = **55**, **13445** citazioni; SCOPUS h index = **49**, **11635** citazioni, WEB of Science h-index = **50**, 11009 citazioni) su giornali internazionali peer review (**405** pubblicazioni riportate in Scopus, **404** su WEB of science) di cui **25** reviews su invito su giornali di alto livello e più di **250** comunicazioni a congress nazionali ed internazionali. E' anche autore di **4** libri, **4** brevetti nazionali e **3** internazionali e **8** Contributi originali su Temi quali la governance degli atenei, la Costituzione, le tradizioni marchigiane. E' inserito nella lista dei **TOP ITALIAN SCIENTIST**.

Descrizione della ricerca – Temi sviluppati

L'attività di ricerca è stata principalmente condotta nel settore della chimica di coordinazione degli eterocicli N-, O e S-donatori e leganti ancillari come fosfine e difosfine nei confronti dei gruppi principali, dei metalli di transizione e terre rare e nel settore della chimica organometallica di Sn, Rh, Ir, Pd e Ru. Nell'ultimo periodo molta attenzione è stata rivolta alla preparazione di nuovi materiali polifunzionali e MOFs utilizzando unità di costruzione secondary derivate da specie molecolari precedentemente sviluppate come sintoni rame-triazolato e rame-pirazolato sviluppati precedentemente. Nello specifico i temi attualmente sviluppati sono

- 1) Progettazione e sintesi di scorpionati e loro derivati metallici (Cu, Ag, Au, Zn, Cd, Rh, Ir, Fe, Hg, Sn) possibili modelli biologici e nuovi catalizzatori (**CATALISI**).
- 2) Progettazione e sintesi di beta-dichetoni e pirazoloni e loro derivati metallici (Cu, Ag, Zn, Cd, Ca, Sr, Ba, Ln, Rh, Sn e Ti) possibili modelli e precursori per nuovi materiali (**MATERIALI**).
- 3) Progettazione e sintesi di nuovi eterocicli polidentati per la sintesi di composti multimetallici (**CATALISI**).
- 4) Progettazione e sintesi di polimeri di coordinazione con leganti azotati polifunzionali (**MATERIALI**).
- 5) Progettazione e sintesi di composti mono e poli-nucleari organostannici antimicrobici o con attività farmacologica (**BIOMOLECOLE**).
- 6) Studio della reattività di leganti azotati nei confronti di carbossilati di metalli di transizione e formazione di cluster polinucleari (**MATERIALI**).
- 7) Progettazione e sintesi di nuovi leganti ibridi, emilabili, sistemi pincers contenenti gruppi SO₃ o specie idrosolubili e loro complessi con metalli di transizione (**CATALISI**).
- 8) Progettazione, sintesi e caratterizzazione di nuovi materiali polimerici porosi polifunzionali (**ENERGIA e MATERIALI**).
- 9) Polimeri biodegradabili e biocompatibili (**MATERIALI**).
- 10) Progettazione e sintesi di derivati di Ru, Os e Zn come antitumorali (**ANTITUMORALI**).
- 11) Progettazione e sintesi di polimeri di Argento come antibatterici (**BIOMOLECOLE**).
- 12) Nuovi materiali ecocompatibili o materiali bio da riciclo (**ECONOMIA CIRCOLARE**).
- 13) Funzionalizzazione di nuovi materiali polimerici e matrici con metalli, composti di coordinazione e MOF per la produzione di materiali luminescenti (**MATERIALI**).
- 14) MOF e COF antibatterici, luminescenti e con attività catalitica (**MATERIALI, BIOMOLECOLE, CATALISI**)

Risorse finanziarie e progetti Coordinati

Claudio Pettinari è stato ed è attualmente il coordinatore scientifico di una elevato numero di progetti di ricerca e mobilità. I più più importanti sono riportati in dettaglio

1. **Coordinatore scientifico del progetto di ricerca Europeo "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). Coordinatore Scientifico anche dell'Unità di Ricerca istituita presso l'Univ. di Camerino.

2. **Coordinatore scientifico di un progetto di ricerca MIUR di Cooperazione Scientifica Cooperation** tra Università Italiane e Straniere (COOPERLINK 2000) con la Federazione Russa (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. **Coordinatore scientifico di un progetto di ricerca MIUR di Cooperazione Scientifica Cooperation** tra Università Italiane e Straniere (COOPERLINK 2001) con la Federazione Russa (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. **Coordinatore scientifico** di un progetto di ricerca finanziato dalla **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. **Coordinatore Nazionale e coordinatore scientifico locale per un progetto PRIN 06: Polyfunctional Metal-Organic Hybrid Materials based on Polyazotate Ligands** (2006038447)
6. **Coordinatore scientifico dell'Unità locale di Camerino nel progetto PRIN 2010: BNZ3F2 DESCARTES** MIUR coordinato dal prof. Maurizio Casarin (Univ. di Padova)
7. **Coordinatore scientifico di un progetto di Cooperazione** tra Università Italiane e straniere (ASSCIR 06) con la Federazione Russa (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. **Coordinatore scientifico di tre progetti finanziati dall'azienda 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. **Coordinatore scientifico di un progetto di Cooperazione** tra Università Italiane e straniere (ASSCIR 07) con la Federazione Russa (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. **Coordinatore** di 2 progetti **Giovani Ricercatori Indiani** (finanziato dal MIUR nel 2007 e nel 2008): Nanoscienza e Nanotecnologia, con supervisione di 4 PhD indiani.
11. **Coordinatore Scientifico di un progetto Azione Integrata Italia-Spagna** (2007): **New polyfunctional porous metal-organic coordination polymers containing N-donor heterocyclic ligands and carboxylate counterions**.
12. **Coordinatore Scientifico di un progetto MIUR di Cooperazione Internazionale** (MIUR-2007) (UNICAM, Univs of Lomonosov e Galati): **Advanced Qualification and training of young researchers in the Chemistry of Polyfunctional innovative materials and of New sources for Energy and Environment**.
13. **Coordinatore scientifico di un progetto di Cooperazione** tra Università Italiane e straniere (ASSCIR 08) con la Federazione Russa (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. **Coordinatore** di due progetti **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. **Coordinatore** di due progetti **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. **Coordinatore Scientifico del progetto "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. **Rappresentante e Membro per l'Italia nel management committee dell'azione COST CM1302: European Network on Smart Inorganic Polymers (SIPs)**
18. **Coordinatore Scientifico del progetto "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)**: **Sviluppo di Nuovi materiali per cappe di nuova generazione**
19. **Coordinatore scientifico del progetto "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. **Coordinatore Scientifico per UNICAM del progetto ERASMUS KA2** Development of a joint study program between higher education and vocational education and training: International Master's Degree for the FURnITURE sector.
21. **Coordinatore Scientifico (Unità di Camerino) per il progetto PRIN 20154X9ATP_002 Towards a Sustainable Chemistry: Design of Innovative Metal-Ligand Systems for Catalysis and Energy Applications.**
22. **Coordinatore Scientifico progetto SISMA CENTRO ITALIA: Nuovo laboratorio per Materiali Innovativi.**

Inoltre Claudio Pettinari ha partecipato a diversi progetti coordinati da altri ricercatori, di cui qui sono riportati i principali.

- a) Fondazione CARIMA project (1999): Synthesis of New Sn, Pt, and Au derivatives with anticancer activity. Coordinatore Scientifico prof. Augusto Cingolani;
- b) Fondazione CARIMA project (2003): Synthesis of New Sn, Pt, and Au derivatives with anticancer activity. Coordinatore Scientifico prof. Augusto Cingolani;
- c) Fondazione CARIMA project (2005): Synthesis of New Sn, Pt, and Au derivatives with anticancer activity. Coordinatore Scientifico prof. Augusto Cingolani;
- d) Azione Integrata Italia-Spagna (Camerino-Saragozza, 1999-2000): Coordinatore Scientifico prof. Augusto Cingolani.
- e) PRIN 2000 (MM3027791_001): Selective synthesis of organic carbamate, carbonate and carboxylate derivatives through sequential activation of carbon dioxide and other substrates. Coordinatore Scientifico. Prof. Michele Aresta.

Brevetti

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. Brevetto Italiano RM 2013A000382, depositato il 28 06 2013 dal titolo: Complessi Acilpirazolonici di Argento(I) incorporati in polietilene ad alta densità o in cloruro di polivinile con potente attività antibatterica.
4. Brevetto Italiano MI2013A0001359, depositato il 07 08 2013 dal titolo: Complessi di Rutenio con attività Chemioterapica antitumorale.

Attività editoriale

Claudio Pettinari è

- a) **Editor in chief** della sezione Organometallic Chemistry di Inorganics (Editore MDPI)
http://www.mdpi.com/journal/inorganics/sectioneditors/organometallic_chem
 - b) Membro del board editoriale di **Organometallics** (ACS) dal 2014 al 2016;
 - c) Membro del board editoriale di **Inorganica Chimica Acta** (Elsevier) dal 2010 al 2018;
 - d) Editore di **Bioinorganic Chemistry and Applications** (Hindawi) dal 2008;
 - e) Editore di **Advances in Materials Science and Engineering** (Hindawi) dal 2016;
 - f) Membro del board editoriale di **Open Inorganic Chemistry journal** dal 2007;
 - g) Membro del board editoriale di **Materials** (MDPI) dal 2016;
 - h) Membro del board editoriale di **Scientific Journal International** dal 2007;
 - i) Membro del board editoriale di THE ANNALS OF THE "Dunarea de Jos" UNIVERSITY OF GALATI, Fascicle II, Mathematics, Physics, Chemistry, Informatics dal 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>

Inoltre è stato

1. **Guest editor** di una special issue del Journal Organometallic Chemistry dedicata a "EuChem Conference on Nitrogen Ligands in Organometallic and Chemistry" svoltosi a Camerino.

2. **Guest editor** di una special issue del Journal Organometallic Chemistry intitolata "Recent Advances in Organotin Chemistry".
3. **Guest editor** di una special issue dell'Inorganica Chimica Acta dedicata al prof. Trofimenko.
4. **Guest editor** di una special issue del Journal Organometallic Chemistry dedicata a ISOC 2011: **TAILORED ORGANOMETALLIC COMPLEXES WITH IMPROVED FUNCTIONS**.
5. **Guest editor** di una special issue del Journal Organometallic Chemistry dedicata a ISOC 2013.
6. **Guest editor** di una special issue del **Eur. J. Inorg. Chem.** dedicata a **Scorpionates 50 years later**
7. **Guest editor** di una special issue **Eur. J. Inorg. Chem.** dedicata alla XII edizione della ISOC 2019
8. **Guest editor** di una special issue di **INORGANICS** dedicata a Poly(pyrazolyl)borate ligands

Plenary speaker, plenary, lectio magistralis in eventi nazionali

1. **Plenary Lecture a Udine (Premio GICO 1998)**
2. **Invited speaker a ACS National congress in New Orleans 2003**
3. **Plenary Lecture a Roma (Premio Nasini 2004)**
4. **Invited Speaker (Plenary Lecture) ad Atene 2005-FIGIPAS**
5. **Plenary Lecture a Milano 2007 (Italian Chemistry Division congress)**
6. **Plenary Memorial Lecture a Garmish 2008 (Nitrogen donor ligand international Meeting)**
7. **Plenary Lecture a Torino 2010 (workshop sui MOF)**
8. **Plenary Lecture alla Organometallic School (Bertinoro, 2010)**
9. **Key-note Lecture a EUCOMC Toulouse 2011**
10. **Plenary Lecture a ICOMC Lisbon 2012.**
11. **Invited Speaker a XXXIV Reunion Biennial Real Sociedad de Quimica Espanola, Santander 2013.**
12. **Plenary Lecture a Bioinorganic Chemistry School (Pisa, Novembre 2014)**
13. **Invited Lecture all'ISCHIA meeting dell'INSTM (Ischia, Luglio 2017)**
14. **Lectio magistralis alla Summer School Sereni (Istituto Cervi): Paesaggio e Democrazia (Caldarola, settembre 2018)**
15. **Key-note Lecture alla GEO Conference (Bari 2018)**
16. **Plenary Lecture all' AIMAT conference (Ischia 2019)**
17. **Opening Plenary Lecture al Congresso Nazionale dell'Ordine dei Chimici e dei Fisici (Verona 2021)**
18. **Plenary Lecture alla Conferenza Nazionale del Dipartimento di chimica del CNR (Roma 2021)**

Missioni Internazionali istituzionali

- a) Lisbona 2007 (ERASMUS anniversary)
- b) Denver, Pittsburgh, Cleveland (US embassy Mission for Italian Universities-Technological Transfer Trip, 2009)
- c) Buenos Aires (Consortium of Italian Universities for Argentina, CUIA delegazione 2010)
- d) Buenos Aires (CUIA delegazione 2011)
- e) Buenos Aires (CUIA delegazione 2012)
- f) Buenos Aires (CUIA delegazione 2013)
- g) Buenos Aires (CUIA delegazione 2015)
- h) Pechino e Jinan (delegazione Regione Marche)
- i) Porto Alegre (luglio 2013-COSMOB-Regione Marche: Lecture al SEBRAE)
- j) Florianopolis, Santa Caterina, Joao Pessoa (novembre 2013 COSMOB-Regione Marche: Lecture al SEBRAE)
- k) Florianopolis (March 2014, regione MARCHE-COSMOB)
- l) Brasilia (November 2014, regione Marche-COSMOB Plenary Lecture al SEBRAE meeting)
- m) Pechino- Jinan (Regione Marche Ottobre 2014)
- n) Moscow (Regione Marche Marzo 2014)
- o) Pechino - Jinan - Qingdao - Zibo - Changsha (Regione Marche, Aprile 2016)
- p) Teheran - Mazandaran (Regione Marche, Luglio 2016)

Congressi scientifici e workshop organizzati/coordinati

- a) **Membro del comitato organizzatore del CO.GI.CO '92, 1° congresso del gruppo Interdivisionale di chimica organometallica, Settembre 1992, Camerino.**
- b) **Membro del comitato organizzatore del XIII T.U.M (Tosco-Umbro-Marchigiana) svoltosi a Camerino dal 12 al 14 maggio 1994**
- c) **Membro del comitato scientifico ed organizzatore delle dodici edizioni della ISOC (scuola internazionale di Chimica Organometallica (1997-2019))**
- d) **Chairman delle ultime otto edizioni ISOC (scuola internazionale di Chimica Organometallica (2007-2021)).**
- e) **Chairman dell'edizione web della Scuola Internazionale di Chimica (2020)**
- f) **Chairman del comitato organizzatore del 3rd EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Sept 8-12, 2004, Camerino.**
- g) **Membro del consiglio scientifico del 4th EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Catalysis and Coordination Chemistry, Aug 25-28, 2008, Garmisch.**
- h) **Membro del consiglio scientifico del 5th EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Catalysis and Coordination Chemistry, Sept 4-8, 2011, Granada.**

- i) Membro del consiglio scientifico del 6th EUCHEM Conference on Nitrogen Ligands in Organometallic Chemistry, Catalysis and Coordination Chemistry, 2015, Beaune, France
- j) Membro del consiglio scientifico del CO.GI.CO 2004 (Cetraro), 2006 (Parma) e 2008 (Perugia), respectively, 6^o, 7^o e 8^o Congresso del Gruppo Interdivisionale di Chimica Organometallica
- k) **Chairman** dei comitati scientifici ed organizzatori del 1st International Workshop on New Hybrid Metal Organic Materials, 16-18 Gennaio 2009, Camerino.
- l) Membro del consiglio scientifico della Scuola IX Symposium of Colloids and Surface Chemistry svoltosi a Galati (Romania, May 2008).
- m) Membro del consiglio scientifico della Scuola del XXXVIII Congresso Nazionale della Divisione di Chimica Inorganica, 13-16 Sept 2010 (Trieste).
- n) Membro del consiglio scientifico della Scuola Nazionale di Chimica Organometallica per dottorandi, 23-27 maggio 2010 Bertinoro (BO)
- o) Membro del consiglio scientifico della Scuola Nazionale di Chimica Bioinorganica per dottorandi, 3-6 luglio 2011 Siena.
- p) Organizzatore di due Workshops in Buenos Aires (2011 e 2012): Functional Coordination Polymers.
- q) **Presidente** del Comitato organizzatore (chairman) del XLIII Congresso Nazionale di Chimica Inorganica (Camerino 2015)

Collaborazioni scientifiche

Claudio Pettinari ha collaborato e collabora con moltissimi gruppi di ricerca nazionali ed internazionali. Qui ne sono riportati alcuni

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

43. Prof. K. Domasevitch (university of Lviv)
44. Prof. Maurizio Peruzzini (CNR Firenze)
45. Prof. Tushar Basu Baul (Shillong University)
47. Prof. Tabassum Sartaj (Aligar Muslim University)
48. Paul Dyson (ETFL Lausanne)
49. Prof. Ilya Tajdakov (Mosca)
50. Prof. Omar Yaghi (Berkeley)

Attività didattiche

Claudio Pettinari negli anni accademici 1992-93, 1993-94, 1994-95 and 1995-96 ha svolto esercitazioni teorico pratiche nei seguenti corsi:

- a) **Chimica generale ed Inorganica per Farmacia**
- b) **Chimica generale ed Inorganica I per Chimica**
- c) **Chimica generale ed Inorganica II per Chimica**

Insegnamenti tenuti

1. **Chimica generale ed Inorganica** (Corso di diploma in Informazione Scientifica sul Farmaco) negli anni accademici 1996-1997, 1997-1998, 1998-1999, 1999-2000, 2000-2001.
2. **Chimica Inorganica II** (Corso di Laurea in Chimica) negli anni accademici: 1996-1997, 1997-1998, 1998-1999, 1999-2000, 2000-2001, 2001-2002, 2002-2003.
3. **Chimica Inorganica Superiore** (Corso di Laurea in Chimica) negli anni accademici 1996-1997.
4. **Matematica e Fisica** (Modulo di Fisica) (Corso di Laurea in Informazione Scientifica sul Farmaco) negli anni accademici 1998-1999 e 1999-2000.
5. **Meccanismi di Reazione in Chimica Inorganica** (Corso di Laurea in Chimica) negli anni accademici 1999-2000, 2000-2001, 2001-2002, 2002-2003, 2003-2004.
6. **Chimica generale ed Inorganica** (Corso di Laurea in Farmacia) negli anni accademici 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, 2019-2020, 2020-2021.
7. **Chimica Generale ed Inorganica** (Scienze Gastronomiche: 2019-2020; 2020-2021)
8. **Didattica della Chimica** (Corso di Laurea in Chimica) negli anni accademici 2003-2004, 2004-2005, 2005-2006, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012.
9. **Chimica generale ed Inorganica** (Corso di laurea in Informazione Scientifica sul Farmaco) negli anni accademici 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010.
10. **Advanced Inorganic Chemistry** (Laurea magistrale in Chimica/Advanced Chemical Methodologies) negli anni accademici 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008.
11. **Mechanisms of Reaction in Inorganic Chemistry** (Laurea magistrale in Chimica/Advanced Chemical Methodologies) negli anni accademici 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008.
12. **General and Inorganic Chemistry** (Laurea in Biotechnology) nell'anno accademico 2006-2007.
13. **Didattica Innovativa della chimica** (SISS) negli anni accademici 1999-2000, 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006.
14. **Chimica Inorganica I** (Corso di laurea in Chimica) negli anni accademici 1996-1997 e 1997-1998.
15. **Chimica generale ed Inorganica** (Laurea in Scienze e Tecniche Cartarie) negli anni accademici 1996-1997, 1997-1998, 1998-1999, 1999-2000, e 2000-2001.
16. **Chimica generale ed Inorganica** (Scienze della sicurezza della produzione animali) nell'anno accademico 2010-2011.
17. **Inorganic and Organometallic Biochemistry** (Laurea magistrale in Chimica/Advanced Chemical Methodologies) negli anni accademici 2009-2010 e 2010-2011.
18. **La cultura dei materiali per l'innovazione** nel corso IFTS : **TECNICHE DI DISEGNO E PROGETTAZIONE INDUSTRIALE DESIGN CON MATERIALI ECO-COMPATIBILI NUOVE TECNOLOGIE E STAMPANTI 3D.**
19. **Lecture nel 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**

Insegnamenti attuali

- d) **Chimica generale ed Inorganica per Farmacia (6 CFU)**
- e) **Chimica generale ed inorganica per Scienze Gastronomiche (4 CFU)**

Teaching Staff

Ha svolto **Teaching Staff** presso le Università di Sevilla, Paris, Strasbourg, Lisbon, Galati e Toulouse con lezioni di Mechanisms of Reactions In Inorganic Chemistry e seminari su Advanced Inorganic Chemistry. Ha svolto

diversi seminari presso le Università di Parigi, Barcellona, Saragozza, Sevilla, Strasbourg, Galati, Univ. Delaware, Univ. South Carolina.

Relatore di tesi

Relatore di più di 150 tesi di laurea triennali e magistrali nei corsi di Laurea in Chimica, Farmacia ed Informazione Scientifica sul Farmaco

Supervisore di tesi di dottorato

[REDACTED]

Organizzazione di Master e attività di alta formazione

E' stato membro di un comitato scientifico per un Master su "Paper conservation and restoration". Claudio Pettinari ha coordinato per la sua università l'introduzione e lo sviluppo di carriere Dual Master con istituzioni europee di grande livello (Lisbona, Granada, Helsinki, Monaco) e in maniera specifica ha coordinato gli accordi con l'Istituto Superior Tecnico de Lisboa per la Chimica e con la Jilin University per la Biotecnologia.

Terza Missione

- PAPERWORLD progetto finanziato dalla CARIFAC per la ricerca sulla Nanocellulosa
- UNICAMONTAGNA progetto sviluppato con i comuni di Castelraimondo, Camerino e Matelica
- Accordi con AICU, COOSS, MARCHE SOLIDALI, GUS ed altre 20 organizzazioni no-profit per attività di solidarietà e formazione.

Attività di disseminazione e divulgazione scientifica

1. Chimica all'opera (Fabriano-2013, Camerino-2014)
2. Scienza&Arte (Ascoli 2014, Matelica 2015, Camerino 2016, Senigallia 2017, Camerino 2018)
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 from 2014 to 2021)
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, 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)
23. Scienza e Fiabe (evento on-line, Aprile 2020)

24. Dantedi: E ritornammo a riveder Le Scienze (con Cesare Bocci, 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. E ritornanno a riveder le Scienze (con Alessandro del Priori, Egizia Marzocco e studenti UNICAM, in Galassica Esanatoglia 2021; Passaggi Festival Fano 2021, Fosforo Senigallia2021)
28. Key Note Speach in CyberChallenge 2021
29. Arte e Scienza (con Alessandro del Priori, Passaggi Festival 2021)
30. Arte e Scienza, Un inedito Dialogo sull'Arte al Tempo di Sisto V Tra i segreti della Scienza Pittorica, di fonderia e tanto altro (Rotella, 2021)
31. Chimica e Bit per amare Stravinsky (Camerino Festival 2021,26 Agosto 2021)

Negli anni 2018-2021 Pettinari in qualità di Rettore ha organizzato più di 800 eventi, iniziative di grande rilevanza e festival tra cui le seguenti di grande importanza

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. Festival della Paesologia
6. I Betti
7. UNICAMONTAGNA

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-4-benzoyl-pyrazolon-5-ato)tin(IV) Author(s): Pettinari, C ; Rifaiani, 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-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
9.	Title: Synthesis and characterization of some tin(IV) and organotin(IV) derivatives of 1-phenyl-3-methyl-4-aroil-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-

	<p>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>
18.	<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>
19.	<p>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</p>
20.	<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>
21.	<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>
22.	<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>
23.	<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>
24.	<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>
25.	<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>
26.	<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>
27.	<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>
28.	<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>
29.	<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)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</p>
30.	<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>
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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.	<p>Binuclear 3,3',5,5'-tetramethyl-1H,H-4,4'-bipyrazole Ruthenium(II) Complexes: Synthesis, Characterization and Biological Studies</p> <p>Authors: Claudio Pettinari, Riccardo Pettinari, Nertil Xhaferaj, Giuliano Giambastiani, Andrea Rossin, Anna Maria Eleuteri, Massimiliano Cuccioloni</p> <p>Sources: INORG. CHIM. ACTA, 2020, 513, 119902 DOI: 10.1016/j.ica.2020.119902 Accepted: JULY 2020</p>
378.	<p>Synthesis and crystal structure of mixed-ligand lanthanide complexes with 1,3-diketonates bearing pyrazole moieties and 1,10-phenanthroline</p> <p>Authors: Ilya V. Taydakov, Vladislav M. Korshunov, Yuriy A. Belousov, Yulia V. Nelyubina, Fabio Marchetti, Riccardo Pettinari, Claudio Pettinari</p> <p>Sources: INORG. CHIM. ACTA, 2020, 513, 119922 DOI: 10.1016/j.ica.2020.119922 Accepted: JULY 2020</p>
379.	<p>Metal organic frameworks for carbon dioxide capture</p> <p>Authors: Claudio Pettinari, Alessia Tombesi</p> <p>Sources: MRS Energy and Sustainability, VOL: 7, pp. 1-43 DOI:10.1557/mre.2020.30 Accepted, 28 JULY 2020</p>
380.	<p>Metal organic frameworks for chemical conversion of carbon dioxide</p> <p>Authors: Claudio Pettinari, Alessia Tombesi</p> <p>Sources: MRS Energy and Sustainability, VOL: 7, pp. 1-14 DOI:10.1557/mre.2020.35 Accepted, 24 AUG 2020</p>
381.	<p>Synthesis, characterization and assessment of the antioxidant activity of new metal complexes derived from scorpionate ligands</p> <p>Authors: Aurel Tabacaru, Rais Ahmad Khan, Giulio Lupidi, Claudio Pettinari</p> <p>Sources: MOLECULES 2020, 25, 5298. DOI: 10.3390/molecules25225298 Accepted, 9 NOV 2020</p>
382.	<p>Efficient Hexane Isomers Separation in Tagged Bipyrazolate Metal-Organic Frameworks</p> <p>Authors: Vismara Rebecca; Di Nicola Corrado; Millan Rodrigo Gil-San; Pettinari, Claudio; Navarro, Jorge A.R.; Galli, Simona.</p> <p>Sources: NANORESEARCH, 2021, 14(2): 532-540 DOI: 10.1007/s12774-020-2812-y Accepted APRIL 2020</p>
383.	<p>Synthesis and structural characterization of some mononuclear 1:1:1 complexes of coinage met(I) compounds with tertiary phosphines (arsines) and 1,2-diamines [MX₃(EPH₃)(N,N'-1,2-diamine)]</p> <p>Authors: Claudio Pettinari, Fabio Marchetti, Riccardo Pettinari, Corrado Di Nicola, Effendy, Brian W. Skelton, A. H. White, R. D. Hart</p> <p>Sources: INORGANICA CHIMICA ACTA, 2021, Vol. 517, 120185 DOI: 10.1016/j.ica.2020.120185 Published March 2021</p>
384.	<p>New coordination polymers of zinc(II), copper(II) and cadmium(II) with 1,3-bis(1,2,4-triazol-4-yl)adamantane</p> <p>Authors: Nertil Xhaferaj, Aurel Tabacaru, Marco Moroni, Claudio Pettinari, Konstantin V. Domasevitch, S. Galli</p> <p>Sources: INORGANICS, 2020, 8, 60 DOI: 10.3390/inorganic8110060 Accepted: 30 OCT 2020</p>
385.	<p>Unsymmetrical Nickel (PCN) Pincer Complexes with a Benzothiazole Side-Arm: Synthesis, Characterization and Electrochemical Properties</p> <p>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</p> <p>Sources: INORGANICA CHIMICA ACTA, 2021, Vol. 517, 120182 DOI: 10.1016/j.ica.2020.120182 Published March 2021</p>
386.	<p>Metal-Organic Frameworks in Italy: from Synthesis and Advanced Characterization to theoretical modeling and applications</p> <p>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</p> <p>Sources: COORDINATION CHEMISTRY REVIEWS, 2021, Vol. 437, 213861 Doi.org/10.1016/j.ccr.2021.213861 Published June 2021</p>
387.	<p>Carbon Dioxide Capture and Utilization with Isomeric Forms of Bis(amino)-tagged Zinc Bipyrazolate Metal-Organic Frameworks</p> <p>Authors: Giorgio Mercuri, Marco Moroni, Kostiantyn V. Domasevitch, Corrado di Nicola, Patrizio Campitelli, Claudio Pettinari, Giuliano Giambastiani, Simona Galli, Andrea Rossin</p> <p>Sources: CHEMISTRY, an EUROPEAN JOURNAL 2021, Vol. 27(14) 4746-4754. doi.org/10.1002/chem.202005216 Published Dec 2020</p>

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389.	<p>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</p>
390.	<p>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</p>
391.	<p>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, 2021, DOI: 10.1021/acs.cgd.1c00861 Published DEC 2021</p>
392.	<p>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.jica.2021.120610 Published DEC 2021</p>
393.	<p>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</p>
394.	<p>Metal organic frameworks as heterogeneous catalysts in olefin epoxidation and carbon dioxide cycloaddition Authors: Alessia Tombesi, Claudio Pettinari Sources: INORGANICS, Vol. 9, 11, pag. 81 DOI: 10.3390/inorganics9110081 Published NOV 2021</p>
395.	<p>Synthesis and structural characterisation of some 1:1:2 complexes of silver(I) compounds with triphenylpnictides and "ethylenediamine", [(Ph₃E)(N-en)Ag(N-en-N')₂Ag(N-en)(EPh₃)]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 Submitted DEC 2021</p>
396.	<p>Synthesis and structural characterisation of some 1:1 adducts of silver(I) salts with hindered PR₃ 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 Submitted DEC 2021</p>
397.	<p>Synthesis and structural characterisation of some 1:1 and 1:2 adducts of silver(I) salts with hindered Pmes₃, PPhmes₂, PPh₂mes 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 Submitted DEC 2021</p>
398.	<p>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)(R₃P)M]⁺X⁻. Authors: Effendy, Fabio Marchetti, Robert D. Hart, Claudio Pettinari, Brian W. Skelton, Alessia Tombesi, Allan H White. Sources: INORGANICA CHIMICA ACTA Submitted JAN 2022</p>
399.	<p>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: J. CUL. HERITAGE DOI: Submitted JAN 2022</p>

400.	<p>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: Submitted JAN 2022</p>
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List of other publications (Chemistry)


1.	<p>Crystal structure of 2,2-bis(pyrazol-1-yl)propane ditrifluoroacetatezinc.(H₂O) <i>Acta Crystallographica</i>, A46, 1990, C219. Bruna Bovio, Augusto Cingolani, Claudio Pettinari</p>
2.	<p>Copper(I) 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</p>
3.	<p>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</p>
4.	<p>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, <i>Vol. 1</i>, 1999, 1021-1034. Claudio Pettinari, Carlo Santini</p>
5.	<p>Heteronuclear NMR Applications (Sn, Ge, Pb) <i>Encyclopedia of Spectroscopy and Spectrometry</i> (London, Academic Press), Ed. in chief: J. C. Lindon, <i>Vol. 2</i>, 1999, 704-717. Claudio Pettinari</p>
6.	<p>Heteronuclear NMR Applications (As, Sb, Bi) <i>Encyclopedia of Spectroscopy and Spectrometry</i> (London, Academic Press), Ed. in chief: J. C. Lindon, <i>Vol. 2</i>, 1999, 685-690. Claudio Pettinari, Fabio Marchetti, Giovanni Rifaiani</p>
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8.	<p>Synthesis, characterization and in vitro tumor activity of organotin(IV) compounds of 4-acyl-5-pyrazolone <i>Yaoxue Xuebao</i> 35(9), 2000, 659-662. Qingshan Li, T. Li, H. Yang, M. Wang, J. Huang, Claudio Pettinari, Fabio Marchetti</p>
9.	<p>Anticancer Titanium agents <i>Experts Opinion on Therapeutic Patents</i> 11(6), 2001, 969-979. Francesco Caruso, Miriam Rossi, Claudio Pettinari</p>
10.	<p>Organotin(IV) derivatives of azoles <i>Recent Res. Devel. Organomet. Chem.</i> 4, 2001, 71-103. Claudio Pettinari</p>
11.	<p>β-diketones and related ligands <i>Comprehensive Coord. Chem. II, Vol. 1, Ch. 1.6</i>, 2004, 97-115. Elsevier Ltd. (ISBN 0-08-0443230) Claudio Pettinari, Fabio Marchetti, Andrei Drozdov (<i>invited review</i>) First edition published on 2004</p>
12.	<p>Higher Denticity Ligands <i>Comprehensive Coord. Chem. II, Vol. 1, Ch. 1.11</i>, 2004, 211-251. Elsevier Ltd. (ISBN 0-08-0443230) Claudio Pettinari, Fabio Marchetti, Andrei Drozdov (<i>invited review</i>) First edition published on 2004</p>
13.	<p>Poly(pyrazolyl)borate and Scorpionate Ligands <i>Comprehensive Coord. Chem. II, Vol. 1, Ch. 1.10</i>, 2004, 159-210. Elsevier Ltd. (ISBN 0-08-0443230) Claudio Pettinari, Carlo Santini (<i>invited review</i>) First edition published on 2004</p>
14.	<p>Metal coordination complexes as hydrogenation catalysts <i>Comprehensive Coord. Chem. II, Vol. 9, Ch. 9.2</i>, 2004, 75-139. Elsevier Ltd. (ISBN 0-08-0443311) Claudio Pettinari, Fabio Marchetti, Domenico Martini (<i>invited review</i>) First edition published on 2004</p>
15.	<p>Structural Features of Antitumor Gold(I)-Phosphine Derivatives analyzed with theoretical methods <i>J. Arg. Chem. Soc.</i> 92, 2004, 119-124. Franco Caruso, Miriam Rossi, Cristian Opazo, Claudio Pettinari</p>
16.	<p>Scorpionates: Pinch and sting... the metal <i>La Chimica e L'industria</i> anno 86, n. 10, 2004, 94-100. Claudio Pettinari</p>

17.	<i>Nuclear Magnetic Resonance Spectroscopy: Organometallic Compounds</i> Encyclopedia of Analytical Science, 2005, 286-303. Claudio Pettinari (invited review)
18.	<i>Novel Molecular Precursor for the MOCVD of Ba_{1-x}Sr_xTiO₃ thin films</i> 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.	<i>Chemical and biotechnological developments in organotin cancer chemotherapy</i> 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.	<i>Syntheses of The [Cu(NCS)(py)₂(PPh₃)] Coordination Compound With Photoluminescent Properties</i> 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.	<i>Sviluppo Storico del Concetto di Equilibrio Chimico.</i> Chimica nella Scuola, 2009, 31, 18-29. Fabio Marchetti, Riccardo Pettinari, Claudio Pettinari , Augusto Cingolani, Corrado Di Nicola
23.	<i>Le analogie nello studio dell'Equilibrio Chimico.</i> Chimica nella Scuola, 2009, 31, 95-96 Riccardo Pettinari, Fabio Marchetti, Claudio Pettinari , Augusto Cingolani, Corrado Di Nicola
24.	<i>L'equilibrio chimico. Rivisitazione del principio di Le Chatelier</i> Fabio Marchetti, Claudio Pettinari , Riccardo Pettinari, Corrado Di Nicola Augusto Cingolani Chimica nella Scuola, 2010, 32, 35-45
25.	<i>Entropia: misura del disordine? ...o della dispersione di energia?!</i> Chimica nella Scuola, 2011, 33, 151-165. F. Marchetti, C. Pettinari , C. Di Nicola, R. Pettinari
26.	<i>Viaggio Tra gli elementi della Tavola Periodica</i> Chimica nella Scuola, 2011, 33, 298-318. C. Di Nicola, Ivan Timokhin, F. Marchetti, R. Pettinari, C. Pettinari
27.	<i>Effect of novel 1-phenyl-3-methyl-4-acylpyrazolones on iron chelation and Fenton reaction</i> Free Radical Biology and Medicine, 2014, 75, 529-530. T. Filipinski, 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

List of other publications (Other topics)

1.	Tecniche Diagnostiche per l'indagine di manufatti cartacei dell'area camerte Fabrianese (Sec. 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.

<p>Claudio Pettinari</p> 	<p>Rettore (2017- Prorettore Vicario (2011-2017) Delegato per la Ricerca (2017- Delegato per le Relazioni Internazionali (2006-2017) Coordinatore corso di Laurea in Farmacia (2000-2004) Coordinatore corso di Laurea in Informazione Scientifica sul Farmaco (2004-2009) Responsabile Unità e associato CNR ICCOM Consiglio scientifico INSTM e associato INSTM Presidente Consorzio REDI Giunta CRUI /Delega RICERCA Presidente CRUM Consigliere amm. ALMALAUREA</p>
<p>Premi</p>	<ul style="list-style-type: none"> ○ Premio Bonati nel 1998 ○ Premio Medaglia "Nasini" nel 2004 : ○ Dottore Honoris Causa in Chimica dell'Università di Galati 2012. ○ Camerte dell'Anno 2013 ○ Elected Member dell' Academy of Science di Lisbona nel 2015. ○ Distinguished Fellow Award del Centro de Quimica Estrutural di Lisbona ○ Melvin Jones FRIEND 2018 ○ Verdicchio D'oro 2018 ○ Premio San Giacomo della Marca 2018
<p>Numero di pubblicazioni</p>	<p>428</p>
<p>h-index/citazioni</p>	<p>55/13445</p>
<p>Altri contributi originali</p>	<p>13</p>
<p>Comunicazioni a congresso</p>	<p>250</p>
<p>Libri</p>	<p>4</p>
<p>Brevetti</p>	<p>4 (3 estesi a livello internazionale)</p>
<p>Plenary/Lectio magistralis</p>	<p>18</p>
<p>Progetti Coordinati</p>	<p>21</p>
<p>Tesi di dottorato supervisione</p>	<p>16</p>
<p>Tesi di laurea supervisione</p>	<p>150</p>
<p>Congressi Internazionali organizzati</p>	<p>6</p>
<p>Scuole estive organizzate</p>	<p>13</p>
<p>Missioni Internazionali</p>	<p>17</p>
<p>Corsi insegnamento tenuti presso UNICAM</p>	<p>88</p>
<p>Guest editor di special issue</p>	<p>8</p>
<p>Editor di giornali scientifici</p>	<p>4</p>
<p>Membro di Advisory Board</p>	<p>5</p>
<p>Eventi divulgativi comunicazione scientifica</p>	<p>>20</p>
<p>Collaboratori</p>	<p>50</p>
<p>Visiting Professor</p>	<p>13 sedi (teaching staff e seminari)</p>

Ultimo aggiornamento: 16 gennaio 2022

In fede

Claudio Pettinari

A handwritten signature in black ink, appearing to read "Claudio Pettinari". The signature is written in a cursive style with a large, prominent initial 'C'.