

# Claudio Pettinari

## List of Publications by Citations

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362  
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47  
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377  
ext. papers

10,567  
ext. citations

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L-index

#	Paper	IF	Citations
362	Scorpionates II: Chelating Borate Ligands <b>2008</b> ,		238
361	Acylpyrazolone ligands: Synthesis, structures, metal coordination chemistry and applications. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 2909-2945	23.2	208
360	Coordination polymers and metal-organic frameworks based on poly(pyrazole)-containing ligands. <i>Coordination Chemistry Reviews</i> , <b>2016</b> , 307, 1-31	23.2	182
359	Metal derivatives of poly(pyrazolyl)alkanes: I. Tris(pyrazolyl)alkanes and related systems. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 525-543	23.2	182
358	Supramolecular assemblies of trinuclear triangular copper(II) secondary building units through hydrogen bonds. Generation of different metal-organic frameworks, valuable catalysts for peroxidative oxidation of alkanes. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 221-30	5.1	179
357	Ruthenium-arene complexes of curcumin: X-ray and density functional theory structure, synthesis, and spectroscopic characterization, in vitro antitumor activity, and DNA docking studies of (p-cymene)Ru(curcuminato)chloro. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 1072-81	8.3	175
356	Sorption-desorption behavior of bispyrazolato-copper(II) 1D coordination polymers. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 6144-5	16.4	170
355	Chemical and biotechnological developments in organotin cancer chemotherapy. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 1761-1766	2.3	169
354	One-dimensional and two-dimensional coordination polymers from self-assembling of trinuclear triangular Cu(II) secondary building units. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 6265-76	5.1	137
353	Ruthenium(II)-Arene RAPTA Type Complexes Containing Curcumin and Bisdemethoxycurcumin Display Potent and Selective Anticancer Activity. <i>Organometallics</i> , <b>2014</b> , 33, 3709-3715	3.8	136
352	Synthesis and characterisation of tin(IV) and organotin(IV) derivatives 2-[[[2-hydroxyphenyl]imino]methyl]phenol. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 325, 103-114	2.7	127
351	Application of metal-organic frameworks. <i>Polymer International</i> , <b>2017</b> , 66, 731-744	3.3	116
350	Spontaneous self-assembly of an unsymmetric trinuclear triangular copper(II) pyrazolate complex, [Cu <sub>3</sub> (μ <sub>3</sub> -OH)(μ <sub>3</sub> -pz) <sub>3</sub> (MeCOO) <sub>2</sub> (Hpz)] (Hpz = pyrazole). synthesis, experimental and theoretical characterization, reactivity, and catalytic activity. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 5865-76	5.1	109
349	Mixed-ligand Cu(II)-vanillin Schiff base complexes; effect of coligands on their DNA binding, DNA cleavage, SOD mimetic and anticancer activity. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 60, 216-32	6.8	96
348	The structural definition of adducts of stoichiometry MX:dppx (1:1) M=CuI, AgI, X=simple anion, dppx=Ph <sub>2</sub> P(CH <sub>2</sub> ) <sub>x</sub> PPh <sub>2</sub> , x=3-8. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 763-795	2.7	86
347	Group 12 metal complexes of tetradentate N <sub>2</sub> O <sub>2</sub> -Schiff-base ligands incorporating pyrazole. <i>Polyhedron</i> , <b>1999</b> , 18, 3041-3050	2.7	85
346	New coordination polymers based on the triangular [Cu <sub>3</sub> (μ <sub>3</sub> -OH)(μ <sub>3</sub> -pz) <sub>3</sub> ] <sup>2+</sup> unit and unsaturated carboxylates. <i>Dalton Transactions</i> , <b>2009</b> , 4928-41	4.3	82

345	Organo-tin antitumor compounds: Their present status in drug development and future perspectives. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 423, 26-37	2.7	80
344	Trinuclear Triangular Copper(II) Clusters [Synthesis, Electrochemical Studies and Catalytic Peroxidative Oxidation of Cycloalkanes. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 666-676	2.3	76
343	Recent advances in acylpyrazolone metal complexes and their potential applications. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 303, 1-31	23.2	75
342	Synthesis, structure, and antitumor activity of a novel tetranuclear titanium complex. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 3665-70	8.3	75
341	Synthesis and spectroscopic characterization of silver(I) complexes with the bis(1,2,4-triazol-1-yl)alkane ligand tz2(CH2). X-ray structures of two- and three-dimensional coordination polymers. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 112-7	5.1	74
340	Non-classical anticancer agents: synthesis and biological evaluation of zinc(II) heteroleptic complexes. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4205-12	4.3	73
339	Synthesis, antimicrobial and antiproliferative activity of novel silver(I) tris(pyrazolyl)methanesulfonate and 1,3,5-triaza-7-phosphadamantane complexes. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 11173-83	5.1	71
338	New water-soluble polypyridine silver(I) derivatives of 1,3,5-triaza-7-phosphadamantane (PTA) with significant antimicrobial and antiproliferative activities. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6572-81	4.3	70
337	Tuning the functional properties of metal complexes containing polytopic heteroaromatic nitrogen ligands. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 1106-23	4.8	69
336	Structural Impact of Infinite Water Chains on the Self-Assembly of an Inorganic/Metal/Organic Architecture. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 1068-1070	3.5	68
335	Arene-ruthenium(II) acylpyrazolonato complexes: apoptosis-promoting effects on human cancer cells. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 4532-42	8.3	67
334	Structural characterization of 1:1 adducts of silver(I) (pseudo-) halides (AgX, X = NCO, Cl, Br, I) with Ph <sub>2</sub> E(CH <sub>2</sub> )EPh <sub>2</sub> (E = P, As) (p(p/a)m)] and 4:3 adducts of copper(I) halide (CuX, X = Cl, Br, I), containing trinuclear cations, of the form [X <sub>2</sub> Ag <sub>3</sub> (dppm) <sub>3</sub> ]X and [X <sub>2</sub> Cu <sub>3</sub> (dppm) <sub>3</sub> ](CuX <sub>2</sub> ) and the	2.7	66
333	The Different Supramolecular Arrangements of the Triangular [Cu <sub>3</sub> (β-OH)(pz) <sub>3</sub> ] <sup>2+</sup> (pz = Pyrazolate) Secondary Building Units. Synthesis of a Coordination Polymer with Permanent Hexagonal Channels. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 676-685	3.5	61
332	Syndiotactic CO/Styrene Copolymerization Catalyzed by Diimine Pd(II) Complexes: Regio- and Stereochemical Control <i>Organometallics</i> , <b>2001</b> , 20, 2175-2182	3.8	57
331	Synthesis, Structure, and Anticancer Activity of Arene-Ruthenium(II) Complexes with Acylpyrazolones Bearing Aliphatic Groups in the Acyl Moiety. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11770-11781	5.1	56
330	Coordination polymers and metal-organic frameworks built up with poly(tetrazolate) ligands. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 372, 1-30	23.2	55
329	Novel coordination frameworks incorporating the 4,4'-bipyrazolyl ditopic ligand. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 5235-45	5.1	55
328	Arene-ruthenium(II) 4-acyl-5-pyrazolonate derivatives: coordination chemistry, redox properties, and reactivity. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 8245-57	5.1	55

327	Antitumor activity of the mixed phosphine gold species chlorotriphenylphosphine-1,3-bis(diphenylphosphino)propanegold(I). <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 1737-42	8.3	55
326	Cytotoxicity of Ruthenium-Arene Complexes Containing $\beta$ -Ketoamine Ligands. <i>Organometallics</i> , <b>2013</b> , 32, 309-316	3.8	54
325	Synthesis, spectroscopic and structural characterization of Cu(II) derivatives of tris(pyrazol-1-yl)methanes. <i>Inorganica Chimica Acta</i> , <b>2002</b> , 333, 72-82	2.7	54
324	Variable coordination modes of NO <sub>2</sub> (-) in a series of Ag(I) complexes containing triorganophosphines, -arsines, and -stibines. Syntheses, spectroscopic characterization (IR, <sup>1</sup> H and <sup>31</sup> P NMR, electrospray ionization mass), and structures of [AgNO <sub>2</sub> (R(3)E)(x)] adducts (E = P, As, Sb, x = 1-3). <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6633-45	5.1	53
323	Novel Coordination Polymers with (Pyrazolato)-Based Tectons: Catalytic Activity in the Peroxidative Oxidation of Alcohols and Cyclohexane. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 2303-2317	3.5	51
322	Microwave-assisted and solvent-free peroxidative oxidation of 1-phenylethanol to acetophenone with a CuI/EMPO catalytic system. <i>Catalysis Communications</i> , <b>2014</b> , 48, 69-72	3.2	51
321	Dioxomolybdenum(VI) Complexes with Acylpyrazolonate Ligands: Synthesis, Structures, and Catalytic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 3352-3361	2.3	51
320	Antibacterial action of 4,4'-bipyrazolyl-based silver(I) coordination polymers embedded in PE disks. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 9775-88	5.1	50
319	Synthesis, structure and luminescence properties of new rare earth metal complexes with 1-phenyl-3-methyl-4-acylpyrazol-5-ones. <i>Dalton Transactions RSC</i> , <b>2002</b> , 1409		50
318	Arene-Ru(II) complexes of curcumin exert antitumor activity via proteasome inhibition and apoptosis induction. <i>ChemMedChem</i> , <b>2012</b> , 7, 2010-20	3.7	48
317	Synthesis and spectroscopic investigations (IR, NMR and Mössbauer) of tin(IV) and organotin(IV) derivatives of bis(pyrazol-1-yl) alkanes: X-ray crystal structures of bis(4-methylpyrazol-1-yl) methane and its dimethyltin(IV) dichloride adduct. <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 496, 69-85	2.3	48
316	Synthesis and characterization of novel oxovanadium(IV) complexes with 4-acyl-5-pyrazolone donor ligands: Evaluation of their catalytic activity for the oxidation of styrene derivatives. <i>Applied Catalysis A: General</i> , <b>2010</b> , 378, 211-220	5.1	47
315	Anticancer titanium agents. <i>Expert Opinion on Therapeutic Patents</i> , <b>2001</b> , 11, 969-979	6.8	47
314	Organometallic rhodium(III) and iridium(III) cyclopentadienyl complexes with curcumin and bisdemethoxycurcumin co-ligands. <i>Dalton Transactions</i> , <b>2015</b> , 44, 20523-31	4.3	46
313	Cooperative metal-ligand assisted E/Z isomerization and cyano activation at Cu(II) and Co(II) complexes of arylhydrazones of active methylene nitriles. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 9946-58	5.1	46
312	Coordination Chemistry of the ( $\eta$ -p-Cymene)ruthenium(II) Fragment with Bis-, Tris-, and Tetrakis(pyrazol-1-yl)borate Ligands: Synthesis, Structural, Electrochemical, and Catalytic Diastereoselective Nitroaldol Reaction Studies. <i>Organometallics</i> , <b>2011</b> , 30, 1616-1626	3.8	46
311	Synthesis and intramolecular and interionic structural characterization of half-sandwich (arene)ruthenium(II) derivatives of bis(pyrazolyl)alkanes. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 11593-603	5.1	46
310	Syntheses, spectroscopic and structural characterization of some (solvated) binuclear adducts of the form Ag(oxyanion):dpem(:S) (1:1:(x)) <sub>2</sub> (oxyanion=ClO <sub>4</sub> , F <sub>3</sub> CCO <sub>2</sub> , F <sub>3</sub> CSO <sub>3</sub> ; dpem=Ph <sub>2</sub> E(CH <sub>2</sub> )EPh <sub>2</sub> (E=P, As)). <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 735-747	2.7	46

- 309 Coordination chemistry of pyrazolone-based ligands and applications of their metal complexes. *Coordination Chemistry Reviews*, **2019**, 401, 213069 23.2 45
- 308 Synthesis, structure, and antiproliferative activity of ruthenium(II) arene complexes with N,O-chelating pyrazolone-based  $\beta$ -ketoamine ligands. *Inorganic Chemistry*, **2014**, 53, 13105-11 5.1 45
- 307 Synthesis and structural characterization of adducts of silver(I) nitrate with ER<sub>3</sub> (E=P, As, Sb; R=Ph, cy, o-tolyl, mes) and oligodentate aromatic bases derivative of 2,2'-bipyridyl, L, AgNO<sub>3</sub>:ER<sub>3</sub>:L (1:1:1). *Inorganica Chimica Acta*, **2007**, 360, 1433-1450 2.7 45
- 306 The competition between acetate and pyrazolate in the formation of polynuclear Zn(II) coordination complexes. *Dalton Transactions*, **2006**, 2479-86 4.3 45
- 305 Organotin derivatives of 4-acyl-5-pyrazolones. Crystal structure of trans-di(t-butyl)bis(1-phenyl-3-methyl-4-benzoyl-pyrazolon-5-ato)tin(IV). *Journal of Organometallic Chemistry*, **1991**, 405, 75-92 2.3 45
- 304 Water-soluble heterometallic copper(II)-sodium complex comprising arylhydrazone of barbituric acid as a ligand. *Inorganic Chemistry Communication*, **2012**, 22, 187-189 3.1 44
- 303 Copper and silver derivatives of scorpionates and related ligands. *Polyhedron*, **2004**, 23, 451-469 2.7 44
- 302 (Bis(1,2,4-triazol-1-yl)methane)silver(I) phosphino complexes: structures and spectroscopic properties of mixed-ligand coordination polymers. *Inorganic Chemistry*, **2004**, 43, 2157-65 5.1 44
- 301 (4-Acyl-5-pyrazolonato)titanium Derivatives: Oligomerization, Hydrolysis, Voltammetry, and DFT Study. *European Journal of Inorganic Chemistry*, **2003**, 2003, 3221-3232 2.3 43
- 300 The water soluble ruthenium(II) organometallic compound [Ru(p-cymene)(bis(3,5-dimethylpyrazol-1-yl)methane)Cl]Cl suppresses triple negative breast cancer growth by inhibiting tumor infiltration of regulatory T cells. *Pharmacological Research*, **2016**, 107, 282-290 10.2 43
- 299 Syntheses, structures, and antimicrobial activity of new remarkably light-stable and water-soluble tris(pyrazolyl)methanesulfonate silver(I) derivatives of N-methyl-1,3,5-triaza-7-phosphaadamantane salt - [mPTA]BF<sub>4</sub>. *Inorganic Chemistry*, **2015**, 54, 434-40 5.1 41
- 298 The in vitro antitumor activity of arene-ruthenium(II) curcuminoid complexes improves when decreasing curcumin polarity. *Journal of Inorganic Biochemistry*, **2016**, 162, 44-51 4.2 40
- 297 Synthesis, characterization, and antitumor activity of water-soluble (arene)ruthenium(II) derivatives of 1,3-dimethyl-4-acylpyrazolon-5-ato ligands. First example of Ru(arene)(ligand) antitumor species involving simultaneous Ru-N7(guanine) bonding and ligand intercalation to DNA. *Inorganic Chemistry*, **2014**, 53, 3668-77 5.1 40
- 296 Magnetic properties and vapochromic reversible guest-induced transformation in a bispyrazolato copper(II) polymer: an experimental and dispersion-corrected density functional theory study. *Inorganic Chemistry*, **2009**, 48, 4044-51 5.1 40
- 295 Synthesis, spectroscopy (IR, multinuclear NMR, ESI-MS), diffraction, density functional study and in vitro antiproliferative activity of pyrazole-beta-diketone dihalotin(IV) compounds on 5 melanoma cell lines. *Journal of Inorganic Biochemistry*, **2006**, 100, 58-69 4.2 40
- 294 Metal derivatives of poly(pyrazolyl)alkanes I. Tris(pyrazolyl)alkanes and related systems. *Coordination Chemistry Reviews*, **2005**, 249, 525-543 23.2 40
- 293 Synthesis and structural systematics of mixed triphenylphosphine/imidazole base adducts of silver(I) oxyanion salts. *Journal of the Chemical Society Dalton Transactions*, **1999**, 4047-4055 4.0
- 292 Tin(IV) and organotin(IV) derivatives of novel  $\beta$ -diketones I. Dialkyltin(IV) complexes of 1-phenyl-3-methyl-4-R'(C=O)-pyrazol-5-one (R' = CCl<sub>3</sub>, O<sup>+</sup>CH<sub>3</sub>, O<sup>+</sup>C<sub>2</sub>H<sub>5</sub>, O<sup>+</sup>C<sub>3</sub>H<sub>7</sub>, O<sup>+</sup>C<sub>7</sub>H<sub>7</sub>). Crystal and molecular structure of trans-dimethylbis[1-phenyl-3-methyl-4-(1-propoxycarbonyl)pyrazolon-5-ato]tin(IV). *Inorganica Chimica Acta*, **1997**, 257, 37-48 2.7 39

- 291 Synthesis and spectroscopic characterization (IR, <sup>1</sup>H and <sup>31</sup>P NMR, electrospray ionization mass) of mono-, di-, tetra- and poly-meric complexes of silver(I) with diphosphine ligands: X-ray crystal structures of AgNO<sub>2</sub>:(Ph<sub>2</sub>PCH<sub>2</sub>PPh<sub>2</sub>) (1:1)<sub>2</sub>, AgNO<sub>2</sub>:(Ph<sub>2</sub>P(CH<sub>2</sub>)<sub>3</sub>PPh<sub>2</sub>) (1:1)<sub>2</sub>, AgNO<sub>2</sub>:(Ph<sub>2</sub>PCH<sub>2</sub>CHPPh<sub>2</sub>) (2:1)<sub>2</sub> and AgNO<sub>2</sub>:(p-tolyl)<sub>2</sub>P(C<sub>10</sub>H<sub>6</sub>)<sub>2</sub>P(p-tolyl)<sub>2</sub> (1:1). *Inorganica Chimica Acta*, **2001**, 273, 1793-1800 2.7 39
- 290 The interaction of organotin(IV) acceptors with a benzoic acid containing two pyrazolone groups. *Dalton Transactions RSC*, **2001**, 1790-1797 39
- 289 Reactions of a Coordination Polymer Based on the Triangular Cluster [Cu<sub>3</sub>(β-OH)(Epz)<sub>3</sub>]<sup>2+</sup> with Strong Acids. Crystal Structure and Supramolecular Assemblies of New Mono-, Tri-, and Hexanuclear Complexes and Coordination Polymers. *Crystal Growth and Design*, **2010**, 10, 3120-3131 3.5 38
- 288 Mitochondria are primary targets in apoptosis induced by the mixed phosphine gold species chlorotriphenylphosphine-1,3-bis(diphenylphosphino)propanegold(I) in melanoma cell lines. *Biochemical Pharmacology*, **2007**, 73, 773-81 6 38
- 287 The structural definition of adducts of stoichiometry AgX:dppf (1:1)(n), X=simple anion, dppf=bis(diphenylphosphino)ferrocene. *Inorganica Chimica Acta*, **2005**, 358, 695-706 2.7 38
- 286 New Coordination Polymers and Porous Supramolecular Metal Organic Network Based on the Trinuclear Triangular Secondary Building Unit [Cu<sub>3</sub>(β-OH)(Epz)<sub>3</sub>]<sup>2+</sup> and 4,4'-Bipyridine. *Crystal Growth and Design*, **2012**, 12, 2890-2901 3.5 37
- 285 First structurally characterized silver(I) derivatives with nonfluorinated beta-diketones. *Inorganic Chemistry*, **2002**, 41, 1151-61 5.1 37
- 284 Synthesis, characterization and X-ray structural studies of novel dinuclear silver(I) complexes of poly(azolyl)borate ligands. *Inorganica Chimica Acta*, **2000**, 308, 65-72 2.7 37
- 283 Synthesis and Structural Investigations of Novel Palladium(II) and Rhodium(I) Complexes Containing Chiral Ligands with a Stereogenic Sulfur Donor, Such As α-Amino Sulfoxides and C<sub>2</sub>-Symmetric Bis-Sulfoxides. *Organometallics*, **1999**, 18, 555-563 3.8 37
- 282 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 [(Cy<sub>3</sub>P)<sub>2</sub>(pzH)Cu]ClO<sub>4</sub>·[CH<sub>3</sub>OH (Cy=cyclohexyl, pzH=pyrazole). *Inorganica Chimica Acta*, **1996**, 249, 215-229 2.7 37
- 281 Ligand Design for N, O- or N, N-Pyrazolone-Based Hydrazones Ruthenium(II)-Arene Complexes and Investigation of Their Anticancer Activity. *Inorganic Chemistry*, **2018**, 57, 14123-14133 5.1 36
- 280 Enlarging an Isoreticular Family: 3,3',5,5'-Tetramethyl-4,4'-bipyrazolato-Based Porous Coordination Polymers. *Crystal Growth and Design*, **2013**, 13, 3087-3097 3.5 35
- 279 Syntheses, structural and spectroscopic investigation (IR, NMR and luminescence) of new terbium and europium acylpyrazolonates. *Inorganica Chimica Acta*, **2004**, 357, 4181-4190 2.7 35
- 278 Mechanistic Aspects of Isotactic CO/Styrene Copolymerization Catalyzed by Oxazoline Palladium(II) Complexes. *Organometallics*, **2003**, 22, 1115-1123 3.8 35
- 277 Organometallic ruthenium(II) scorpionate as topo II inhibitor; *in vitro* binding studies with DNA, HPLC analysis and its anticancer activity. *Journal of Organometallic Chemistry*, **2014**, 771, 47-58 2.3 34
- 276 Synthesis, structural and spectroscopic characterization and biomimetic properties of new copper, manganese, zinc complexes: identification of possible superoxide-dismutase mimics bearing hydroxyl radical generating/scavenging abilities. *Journal of Inorganic Biochemistry*, **2010**, 104, 820-30 4.2 34
- 275 Synthesis and structural characterization of adducts of silver(I) oxyanion salts, AgX (X = ClO<sub>4</sub>, NO<sub>3</sub>), with Ph<sub>2</sub>E(CH<sub>2</sub>)<sub>x</sub>EPh<sub>2</sub> (E = P, As; x = 1-3) and oligodentate aromatic N-bases derivative of 2,2'-bipyridyl, [AgX:dpep:L (2:1:2). *Inorganica Chimica Acta*, **2007**, 360, 1388-1413 2.7 34
- 274 Synthesis, molecular structure (X-ray and DFT), and solution behavior of titanium 4-Acyl-5-pyrazolonates. Correlations with related antitumor beta-diketonato derivatives. *Inorganic Chemistry*, **2007**, 46, 7553-60 5.1 34

273	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). <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 645, 131-147	2.3	34
272	The reactivity of new (1,5-cyclooctadiene)rhodium acylpyrazolonates towards N- and P-donor ligands: X-ray structures of [Rh(1,5-COD)Qs], [Rh(1,5-COD)(phen)]Qs $\cdot$ 0.5H <sub>2</sub> O (HQs=1-phenyl-3-methyl-4-(2-thenoyl)-pyrazol-5-one) and [Rh(1,5-COD)Br] <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , <b>1996</b> , 519, 29-44	2.3	34
271	Tin(IV) and organotin(IV) derivatives of anionic 4-acyl-5-pyrazolonato ligands: synthesis, spectroscopic characterization (IR, far-IR, <sup>119</sup> Sn Mössbauer, <sup>1</sup> H, <sup>13</sup> C and <sup>119</sup> Sn NMR) and behavior in solution crystal and molecular structure of	2.3	34
270	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-benzoyl pyrazolon-5-ato)tin(IV). <i>Journal of Organometallic Chemistry</i> , <b>1996</b> , 519, 29-44	2.3	34
269	Heteroleptic Copper(I) Complexes of "Scorpionate" Bis-pyrazolyl Carboxylate Ligand with Auxiliary Phosphine as Potential Anticancer Agents: An Insight into Cytotoxic Mode. <i>Scientific Reports</i> , <b>2017</b> , 7, 45229	4.9	33
268	From Sunscreen to Anticancer Agent: Ruthenium(II) Arene Avobenzene Complexes Display Potent Anticancer Activity. <i>Organometallics</i> , <b>2016</b> , 35, 3734-3742	3.8	33
267	Synthesis and structural characterization of adducts of silver(I) carboxylate salts AgX (X=CF <sub>3</sub> COO, CH <sub>3</sub> COO) with ER <sub>3</sub> (E=P, As; R=Ph, cy, o-tolyl) and oligodentate aromatic bases derivative of 2,2'-bipyridyl, L, AgX:PR <sub>3</sub> :L (1:1:1). <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 1451-1465	2.7	33
266	Synthesis, Characterization, Spectroscopic and Photophysical Properties of New [Cu(NCS){(L-N) <sub>2</sub> or (L?-NN)}(PPh <sub>3</sub> )] Complexes (L-N, L?-NN = Aromatic Nitrogen Base). <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1974-1984	2.3	33
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48	Binuclear diorganotin(IV) complexes with bis(O,O'-4-acyl-5-pyrazolonato) bis(bidentate) ligands. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 366, 388-393	2.7	4
47	Novel triorganotin(IV) complexes of $\beta$ -diketonates bearing two heterocycles in their structures. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 367, 98-107	2.7	4
46	Magnesium (II) poly(pyrazolyl)borate derivatives [Synthesis, spectral and structural studies. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 4480-4485	2.7	4
45	Third EuChem Conference on Nitrogen ligands in organometallic chemistry and homogeneous catalysis[Camerino, Italy, September 2004. Classical organometallic chemistry and beyond. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 1871-1877	2.3	4
44	5-Amino-1-phenyl-3-trifluoro-methyl-1H-pyrazole-4-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2173		3
43	A sterically hindered tetrakis(pyrazolyl)borate: Synthesis, characterization and coordinative behaviour. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 4593-4598	2.7	3
42	A formaldehyde-free adhesive for particleboards based on soy flour, magnesium oxide, and a plant-derived enzymatic hydrolysate. <i>BioResources</i> , <b>2020</b> , 15, 3087-3102	1.3	3
41	Metal Organic Frameworks as Heterogeneous Catalysts in Olefin Epoxidation and Carbon Dioxide Cycloaddition. <i>Inorganics</i> , <b>2021</b> , 9, 81	2.9	3
40	Potassium-Doped Para-Terphenyl: Structure, Electrical Transport Properties and Possible Signatures of a Superconducting Transition. <i>Condensed Matter</i> , <b>2020</b> , 5, 78	1.8	3

39	Synthesis and structural characterisation of some mononuclear 1:1:1 complexes of coinage metal(I) compounds with tertiary phosphines (arsines) and 1,2-diamines, [MX(EPh <sub>3</sub> )(N,N'-1,2-diamine)]. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 517, 120185	2.7	3
38	Arene-ruthenium(II) complexes with pyrazole-based ligands bearing a pyridine moiety: Synthesis, structure, DFT calculations, and cytotoxicity. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 528, 120610	2.7	3
37	NMR Applications, Solution state 19F <b>2017</b> , 117-124		2
36	Group 9 and 10 complexes with the bidentate di(1H-indazol-1-yl)methane and di(2H-indazol-2-yl)methane ligands: synthesis and structural characterization. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 5695-5703	3.6	2
35	Effects of methyl groups in a pyrimidine-based flexible ligand on the formation of silver(I) coordination networks. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 13998-14008	3.6	2
34	Crystal structure, supramolecular assembly and preliminary reactivity behaviour of new heteropolytopic ligands based on oxalate/malonate skeleton and azolate moieties. <i>CrystEngComm</i> , <b>2010</b> , 12, 1217-1226	3.3	2
33	ON THE INTERACTION BETWEEN IMIDAZOLES AND CADMIUM SALTS. COMPARISON BETWEEN CADMIUM AND ZINC COMPLEXES OF IMIDAZOLES. <i>Main Group Metal Chemistry</i> , <b>2001</b> , 24,	1.6	2
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31	Towards bright dysprosium emitters: Single and combined effects of environmental symmetry, deuteration, and gadolinium dilution. <i>Dyes and Pigments</i> , <b>2022</b> , 199, 110078	4.6	2
30	Electrochemical Properties of (h <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> )Rhodium and Iridium Complexes Containing Bis(pyrazolyl)alkane Ligands. <i>Portugaliae Electrochimica Acta</i> , <b>2014</b> , 32, 253-257	2.4	2
29	New Coordination Polymers of Zinc(II), Copper(II) and Cadmium(II) with 1,3-Bis(1,2,4-triazol-4-yl)adamantane. <i>Inorganics</i> , <b>2020</b> , 8, 60	2.9	2
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27	Unsymmetrical nickel (PCN) pincer complexes with a benzothiazole side-arm: Synthesis, characterization and electrochemical properties. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 517, 120182	2.7	2
26	IR and Raman Spectroscopies of Inorganic, Coordination and Organometallic Compounds <b>2017</b> , 347-358		1
25	The Hg(3,3'-dimethyl-1H,1H'-4,4'-bipyrazolate) coordination polymer: Synthesis, crystal structure and thermal behavior. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 470, 423-427	2.7	1
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23	Determination of the most reliable method for the evaluation of formaldehyde emissions from wood-based panels produced by an Italian leading company in the furniture sector. <i>International Wood Products Journal</i> , <b>2017</b> , 8, 183-189	0.9	1
22	Bridged poly(1-imidazolyl)borate silver(I) complexes containing tertiary mono(phosphine) ligands. The first structurally authenticated bis(imidazolyl)borate metal complex. <i>Dalton Transactions RSC</i> , <b>2001</b> , 528-534		1

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17	Characterization of Handmade Papers (13th-15th century) from Camerino and Fabriano (Marche, Italy). <i>Journal of Cultural Heritage</i> , <b>2020</b> , 42, 8-18	2.9	1
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14	Synthesis and structural characterisation of four 1:1:2 ionic/mononuclear complexes of Ag(I) and Cu(I) salts with tertiary organophosphine and 1,2-diamines. <i>Inorganica Chimica Acta</i> , <b>2022</b> , 536, 120882	2.7	0
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6	Heteronuclear NMR Applications (As, Sb, Bi)* <b>1999</b> , 779-784		
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