

Catherine P Raptopoulou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

541
papers

14,921
citations

63
h-index

86
g-index

554
ext. papers

15,597
ext. citations

3.7
avg, IF

6.2
L-index

#	Paper	IF	Citations
541	Effects of the halogenido ligands on the Kumada-coupling catalytic activity of $[\text{Ni}\{\text{BuN}(\text{PPh})\text{-P}\}\text{X}]$, X = Cl, Br, I, complexes.. <i>RSC Advances</i> , 2022 , 12, 2227-2236	3.7	
540	Synthesis, Crystal Structures and Magnetic Properties of Trinuclear $\{\text{Ni}_2\text{Ln}\}$ (LnIII = Dy, Ho) and $\{\text{Ni}_2\text{Y}\}$ Complexes with Schiff Base Ligands. <i>Crystals</i> , 2022 , 12, 95	2.3	1
539	Conjugation of triphenylantimony(V) with carvacrol against human breast cancer cells.. <i>Journal of Biological Inorganic Chemistry</i> , 2022 , 27, 373	3.7	1
538	Effective Labeling of Amine Pharmacophores through the Employment of 2,3-Pyrazinedicarboxylic Anhydride and the Generation of $[\text{M}(\text{CO})(\text{PyA})\text{P}]$ and $-\text{[M}(\text{CO})(\text{PyA})\text{P}]$ Complexes (PyA = Pyrazine-2-carboxylate, P = Phosphine, M = Re, Tc). <i>Inorganic Chemistry</i> , 2021 , 60, 17509-17516	5.1	0
537	The Use of Hirshfeld Surface Analysis Tools to Study the Intermolecular Interactions in Single Molecule Magnets. <i>Crystals</i> , 2021 , 11, 1246	2.3	2
536	Further synthetic investigation of the general lanthanoid(iii) $[\text{Ln}(\text{iii})]/\text{copper}(\text{ii})/\text{pyridine-2,6-dimethanol}/\text{carboxylate}$ reaction system: $\{\text{CuLn}\}$ coordination clusters (Ln = Dy, Tb, Ho) and their yttrium(iii) analogue. <i>Dalton Transactions</i> , 2021 , 50, 240-251	4.3	2
535	Synthesis, crystal structures, magnetic and magnetocaloric studies of heterometallic enneanuclear $\{\text{Cu}_7\text{Gd}_2\}$ complexes. <i>Polyhedron</i> , 2021 , 195, 114960	2.7	1
534	Dinuclear Lanthanide(III) Complexes from the Use of Methyl 2-Pyridyl Ketoxime: Synthetic, Structural, and Physical Studies. <i>Molecules</i> , 2021 , 26,	4.8	1
533	Novel silver glycinate conjugate with 3D polymeric intermolecular self-assembly architecture; an antiproliferative agent which induces apoptosis on human breast cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2021 , 216, 111351	4.2	6
532	Structural and catalytic properties of the $[\text{Ni}(\text{BIPHEP})\text{X}_2]$ complexes, BIPHEP = 2,2-diphenylphosphino-1,1-biphenyl; X = Cl, Br. <i>Inorganica Chimica Acta</i> , 2021 , 522, 120300	2.7	
531	Pentanuclear Thorium(IV) Coordination Cluster from the Use of Di(2-pyridyl) Ketone. <i>Inorganic Chemistry</i> , 2021 , 60, 11888-11892	5.1	0
530	A single-chain magnet based on bis(end-on azido/alkoxo)-bridged linear $[\text{MnIII}_2\text{MnII}]$ repeating units. <i>Polyhedron</i> , 2021 , 206, 115334	2.7	0
529	Electronic properties of the $S = 5/2$ Mn(II) complexes $[\text{Mn}\{\text{PhC}(\text{O})\text{NP}(\text{O})\text{PPh}_2\}(\text{N},\text{N})(\text{NO}_3)]$, (N,N) = phenanthroline, neocuproine, 2,2'-bipyridine. <i>Polyhedron</i> , 2021 , 207, 115374	2.7	
528	Synthesis and evaluation of new mixed "2 + 1" Re, Tc and Re tricarbonyl dithiocarbamate complexes with different monodentate ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 47, 116373	3.4	1
527	Di-2-pyridyl ketone-based ligands as evergreen trees in the forest of manganese chemistry: Mononuclear Mn(III) complexes from the use of MnF_3 . <i>Polyhedron</i> , 2021 , 207, 115350	2.7	0
526	Metal-Organic Frameworks: Synthetic Methods and Potential Applications. <i>Materials</i> , 2021 , 14,	3.5	24
525	Trinuclear Ni-Ln-Ni Complexes with Schiff Base Ligands: Synthesis, Structure, and Magnetic Properties. <i>Molecules</i> , 2020 , 25,	4.8	3

524	Synthesis, characterization, DNA binding and cytotoxicity studies of two novel Cu(II)-2-(2'-pyridyl) quinoxaline complexes. <i>Journal of Inorganic Biochemistry</i> , 2020 , 208, 111077	4.2	4
523	Unusual P Hyperfine Strain Effects in a Conformationally Flexible Cu(II) Complex Revealed by Two-Dimensional Pulse EPR Spectroscopy. <i>Inorganic Chemistry</i> , 2020 , 59, 3666-3676	5.1	5
522	Reactivity of Coordinated 2-Pyridyl Oximes: Synthesis, Structure, Spectroscopic Characterization and Theoretical Studies of Dichlorodi{(2-Pyridyl)Furoxan}Zinc(II) Obtained from the Reaction between Zinc(II) Nitrate and Pyridine-2-Chloroxime. <i>Inorganics</i> , 2020 , 8, 47	2.9	2
521	Heterometallic Complexes Containing the NiII-LnIII-NiII Moiety Structures and Magnetic Properties. <i>Crystals</i> , 2020 , 10, 1117	2.3	1
520	Hybrid halobismuthates as prospective light-harvesting materials: Synthesis, crystal, optical properties and electronic structure. <i>Polyhedron</i> , 2020 , 175, 114180	2.7	5
519	Tetranuclear oxido-bridged thorium(IV) clusters obtained using tridentate Schiff bases. <i>Dalton Transactions</i> , 2019 , 48, 15668-15678	4.3	5
518	Extending the family of heptanuclear heterometallic Cu ₅ Ln ₂ (Ln = Gd, Tb, Dy) complexes: Synthesis, crystal structures, magnetic and magnetocaloric studies. <i>Polyhedron</i> , 2019 , 169, 135-143	2.7	5
517	Field-induced slow relaxation of magnetization in the S = 3/2 octahedral complexes trans-[Co{(OPPh ₂)(EPPH ₂ N)} ₂ (dmf) ₂], E = S, Se: effects of CoSe vs. CoS coordination. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1405-1414	6.8	5
516	Remarkable Brain Penetration of Cyclopentadienyl M(CO) (M = Tc, Re) Derivatives of Benzothiazole and Benzimidazole Paves the Way for Their Application as Diagnostic, with Single-Photon-Emission Computed Tomography (SPECT), and Therapeutic Agents for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 2638-2650	8.3	16
515	Synthetic strategies to {CoII ₂ LnIII} complexes based on 2-pyridyl oximes (Ln = lanthanide). <i>Inorganic Chemistry Communication</i> , 2019 , 108, 107478	3.1	3
514	Multifunctionality in Two Families of Dinuclear Lanthanide(III) Complexes with a Tridentate Schiff-Base Ligand. <i>Inorganic Chemistry</i> , 2019 , 58, 9581-9585	5.1	8
513	Diversity of Coordination Modes in a Flexible Ditopic Ligand Containing 2-Pyridyl, Carbonyl and Hydrazone Functionalities: Mononuclear and Dinuclear Cobalt(III) Complexes, and Tetranuclear Copper(II) and Nickel(II) Clusters. <i>Magnetochemistry</i> , 2019 , 5, 39	3.1	3
512	Crystal structure of -aqua-[(4-(benzo[thiazol-2-yl)-(pyridin-2-yl-methylidene)aniline- π , π)]tricarbonylrhenium(I) hexa-fluorido-phosphate methanol monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 580-584	0.7	
511	Non steroidal anti-inflammatory drug (NSAIDs) in breast cancer chemotherapy; antimony(V) salicylate a DNA binder. <i>Inorganica Chimica Acta</i> , 2019 , 489, 39-47	2.7	13
510	An Efficient Disinfectant, Composite Material {SLS@[Zn(CitH)]} as Ingredient for Development of Sterilized and Non Infectious Contact Lens. <i>Antibiotics</i> , 2019 , 8,	4.9	5
509	Investigating the isolation and interconversion of two diastereoisomers in an octahedral system. <i>New Journal of Chemistry</i> , 2019 , 43, 17141-17145	3.6	
508	Synthesis and encapsulation of V(IV,V) compounds in silica nanoparticles targeting development of antioxidant and antiradical nanomaterials. <i>Journal of Inorganic Biochemistry</i> , 2019 , 194, 180-199	4.2	2
507	Catalytic reactivity of the complexes [Pd{(Ph ₂ P) ₂ N(tBu)-P,P'}X ₂], X = Cl, Br, I, in the Suzuki-Miyaura C-C coupling reaction: Probing effects of the halogeno ligand X and the ligand's tBu group. <i>Journal of Organometallic Chemistry</i> , 2019 , 879, 40-46	2.3	4

506	Mononuclear copper(II) complexes with 2-thiophene carboxylate and N-N donors; DNA interaction, antioxidant/anti-inflammatory and antitumor activity. <i>Materials Science and Engineering C</i> , 2019 , 94, 493-508	8.3	6
505	Silver ciprofloxacin (CIPAG): a successful combination of chemically modified antibiotic in inorganic-organic hybrid. <i>Journal of Biological Inorganic Chemistry</i> , 2018 , 23, 705-723	3.7	13
504	Synthetic investigation of binary-ternary Cr(III)-hydroxycarboxylic acid-aromatic chelator systems. Structure-specific influence on adipogenic biomarkers linked to insulin mimesis. <i>Journal of Inorganic Biochemistry</i> , 2018 , 184, 50-68	4.2	3
503	A step-ladder manganese(III) metallacrown hosting mefenamic acid and a manganese(II)thefanamato complex: synthesis, characterization and cytotoxic activity. <i>New Journal of Chemistry</i> , 2018 , 42, 6955-6967	3.6	13
502	Synthesis, structural characterization, and fluorescence of a series of 1D rare earth coordination polymers with a substituted iminodiacetate ligand. <i>Inorganica Chimica Acta</i> , 2018 , 472, 276-282	2.7	7
501	Dioxidouranium(IV) complexes with Schiff bases possessing an ONO donor set: Synthetic, structural and spectroscopic studies. <i>Polyhedron</i> , 2018 , 152, 172-178	2.7	4
500	Heptanuclear heterometallic Cu ₅ Ln ₂ (Ln = Gd, Tb) complexes: Synthesis, crystal structures, and magnetic properties studies. <i>Polyhedron</i> , 2018 , 150, 47-53	2.7	5
499	Coordination and metal ion-mediated transformation of a polydentate ligand containing oxime, hydrazone and picolinoyl functionalities. <i>Inorganic Chemistry Communication</i> , 2018 , 94, 48-52	3.1	5
498	3D supramolecular networks based on hydroxyl-rich Schiff-base copper(II) complexes. <i>Polyhedron</i> , 2018 , 152, 125-137	2.7	4
497	Nickel(II) Coordination Clusters Based on N-salicylidene-4-chloro-oaminophenol: Synthetic and Structural Studies. <i>Current Inorganic Chemistry</i> , 2018 , 7, 48-65		2
496	Iron(III) Clusters from Polydentate Schiff Base Ligands: Involvement of Non Heisenberg Interaction in [FeIII ₃ (μ ₂ -OR) ₃ (μ ₂ -O ₂ CPh) ₃] ₃ ⁺ Clusters. <i>Current Inorganic Chemistry</i> , 2018 , 7, 66-85		1
495	Synthesis, characterization and optoelectronic properties of chemically stable (CH ₃) ₃ SPbI ₃ Br _x and (CH ₃) ₃ SPbI ₃ Cl _x (x = 0, 1, 2, 3) perovskites. <i>Polyhedron</i> , 2018 , 140, 67-73	2.7	16
494	Self-assembled tetrameric H ₂ O clusters in the crystal lattice of [Cu(μ-OH){Ph ₂ P(O)NP(O)Ph ₂ -μO,O?}(1,10-phen-2N,N?)] ₂ ·2H ₂ O. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 4047-4057	1.6	1
493	Other Techniques to Study Single-Molecule Magnets 2018 , 173-243		
492	Unique Magnetic Properties 2018 , 41-86		
491	Mononuclear Lanthanide(III)-Salicylideneaniline Complexes: Synthetic, Structural, Spectroscopic, and Magnetic Studies. <i>Magnetochemistry</i> , 2018 , 4, 45	3.1	6
490	Synthesis and electron paramagnetic resonance studies of seven coordinated Mn(II) complexes with tridentate N-donor ligands. <i>Polyhedron</i> , 2018 , 155, 291-301	2.7	4
489	A water-soluble silver(I) formulation as an effective disinfectant of contact lenses cases. <i>Materials Science and Engineering C</i> , 2018 , 93, 902-910	8.3	9

488	Manganese(II) complexes with the non-steroidal anti-inflammatory drugs naproxen and mefenamic acid: synthesis, structure, antioxidant capacity, and interaction with albumins and DNA. <i>New Journal of Chemistry</i> , 2018 , 42, 16666-16681	3.6	26
487	Structural features and catalytic reactivity of [Pd{(Ph ₂ P) ₂ N(CH ₂) ₃ Si(OCH ₃) ₃ -P,P?}I ₂] and related complexes in hydroalkoxycarbonylation and Suzuki-Miyaura C-C cross-coupling reactions. <i>Polyhedron</i> , 2018 , 151, 292-298	2.7	3
486	Magnetostructural correlations in S = 1 trans-[Ni{(OPPh ₂)(EPh ₂)N} ₂ (dmsO) ₂], E = S, Se, and related complexes. <i>Polyhedron</i> , 2018 , 151, 177-184	2.7	6
485	Slow magnetic relaxation and luminescence properties in lanthanide(III)/anil complexes. <i>Dalton Transactions</i> , 2018 , 47, 11859-11872	4.3	10
484	Synthesis and characterization of new organic-inorganic hybrid compounds based on Sb, with a perovskite like structure. <i>Polyhedron</i> , 2018 , 151, 299-305	2.7	4
483	Dicarbonyl cis-[M(CO)(N,O)(C)(P)] (M = Re, Tc) Complexes with a New [2 + 1 + 1] Donor Atom Combination. <i>Inorganic Chemistry</i> , 2018 , 57, 8354-8363	5.1	10
482	Photocatalytic hydrogen production with alkylated nickel bis-dithiolene complexes. <i>Polyhedron</i> , 2018 , 152, 138-146	2.7	11
481	Zinc complexes of diflunisal: Synthesis, characterization, structure, antioxidant activity, and in vitro and in silico study of the interaction with DNA and albumins. <i>Journal of Inorganic Biochemistry</i> , 2017 , 170, 85-97	4.2	48
480	Platinum complexes with a methoxy-amino phosphine or a nitrogen-containing bis(phosphine) ligand. Synthesis, characterization and application to hydrogenation of trans-cinnamaldehyde. <i>Journal of Organometallic Chemistry</i> , 2017 , 828, 133-141	2.3	8
479	N-(4-Hydroxyphenyl)acetamide against diiodine towards polyiodide dianion. <i>New Journal of Chemistry</i> , 2017 , 41, 5555-5564	3.6	
478	Probing the electronic structure of a copper(II) complex by CW- and pulse-EPR spectroscopy. <i>Dalton Transactions</i> , 2017 , 46, 8458-8475	4.3	10
477	One-Dimensional Organic-Inorganic Hybrid Materials Based on Antimony. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3401-3408	2.3	14
476	Synthesis, structure elucidation and biological evaluation of triple bridged dinuclear copper(II) complexes as anticancer and antioxidant/anti-inflammatory agents. <i>Materials Science and Engineering C</i> , 2017 , 76, 1026-1040	8.3	10
475	Design and synthesis of novel 7-aminosubstituted pyrido[2,3-b]pyrazines exhibiting anti-breast cancer activity. <i>European Journal of Medicinal Chemistry</i> , 2017 , 126, 954-968	6.8	7
474	"Switching on" the single-molecule magnet properties within a series of dinuclear cobalt(III)-dysprosium(III) 2-pyridyloximate complexes. <i>Dalton Transactions</i> , 2017 , 46, 14812-14825	4.3	22
473	Interaction of zinc(II) with the non-steroidal anti-inflammatory drug niflumic acid. <i>Journal of Inorganic Biochemistry</i> , 2017 , 176, 100-112	4.2	14
472	Site preferences in hetero-metallic [FeNi] clusters: a combined crystallographic, spectroscopic and theoretical analysis. <i>Dalton Transactions</i> , 2017 , 46, 12835-12844	4.3	3
471	Structural Diversities in Heterometallic Mn-Ca Cluster Chemistry from the Use of Salicylhydroxamic Acid: {MnCa}, {MnCa}, {MnCa}, and {MnCa} Complexes with Relevance to Both High- and Low-Valent States of the Oxygen-Evolving Complex. <i>Inorganic Chemistry</i> , 2017 , 56, 10760-10774	5.1	10

470	Carbonato- and methanediolato(-2)-bridged nickel(II) coordination clusters from the use of N-salicylidene-4-methyl-o-aminophenol. <i>Inorganic Chemistry Communication</i> , 2017 , 83, 113-117	3.1	2
469	Rhenium(I) Tricarbonyl Complexes with (2-Hydroxyphenyl)diphenylphosphine as PO Bidentate Ligand. <i>Inorganic Chemistry</i> , 2017 , 56, 8175-8186	5.1	19
468	Immobilization of [Pd{(Ph ₂ P)2N(CH ₂) ₃ Si(OCH ₃) ₃ -P,P')}X ₂] (X=Cl, Br) onto Montmorillonite: Investigating their Performance as Homogeneous or Heterogenized Suzuki-Miyaura Catalysts. <i>ChemistrySelect</i> , 2017 , 2, 12051-12059	1.8	3
467	Using the Singly Deprotonated Triethanolamine to Prepare Dinuclear Lanthanide(III) Complexes: Synthesis, Structural Characterization and Magnetic Studies. <i>Magnetochemistry</i> , 2017 , 3, 5	3.1	14
466	A unique copper(ii)-assisted transformation of acetylacetonate dioxime in acetone that leads to one-dimensional, quinoxaline-bridged coordination polymers. <i>Dalton Transactions</i> , 2016 , 46, 260-274	4.3	12
465	The novel [Ni{(Ph ₂ P)2N(CH ₂) ₃ Si(OCH ₃) ₃ -P,P')} ₂] complex: Structural features and catalytic reactivity in the oligomerization of ethylene. <i>Open Chemistry</i> , 2016 , 14, 351-356	1.6	5
464	Crystal structure of fac-tricarbonyl(cyclo-hexyl isocyanide-κ)(quinoline-2-carboxylato-κ ² -N,O)rhenium(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 358-62	0.7	2
463	Copper(II) Inverse-[9-Metallacrown-3] Compounds Accommodating [Nitrate or Diclofenac Ligands: Structure, Magnetism, and Biological Activity. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 219-231	2.3	23
462	Neutral fac -[Re(NNN)(CO) ₃] complexes with NNN tridentate ligands containing pyrrole or indole. <i>Inorganic Chemistry Communication</i> , 2016 , 63, 1-4	3.1	3
461	Crystal structure of fac-tricarbonyl(quinoline-2-carboxylato-κ ² -N,O)(tri-phenyl-arsane-κ ³)rhenium(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 114-6	0.7	1
460	A Ni ₁₁ Coordination Cluster from the Use of the Di-2-Pyridyl Ketone/Acetate Ligand Combination: Synthetic, Structural and Magnetic Studies. <i>Magnetochemistry</i> , 2016 , 2, 30	3.1	5
459	Binding of oxime group to uranyl ion. <i>Dalton Transactions</i> , 2016 , 45, 9307-19	4.3	23
458	Zinc complexes of flufenamic acid: Characterization and biological evaluation. <i>Journal of Inorganic Biochemistry</i> , 2016 , 163, 332-345	4.2	31
457	Bis(di-2-pyridyl ketoximate- O , N , N ?)bis(di-2-pyridyl ketoxime- N , N ?)dicopper(II) diperchlorate: A plausible, weakly ferromagnetically-coupled intermediate in the formation of the neutral, strongly antiferromagnetically-coupled neutral dimer bearing only deprotonated ligands. <i>Inorganic Chemistry Communication</i> , 2016 , 78, 95-98	3.1	3
456	Iron(III) complexes with 2-pyridyl oxime ligands: Synthesis, structural and spectroscopic characterization, and magnetic studies. <i>ChemistrySelect</i> , 2016 , 1, 147-156	1.8	6
455	Nonemployed Simple Carboxylate Ions in Well-Investigated Areas of Heterometallic Carboxylate Cluster Chemistry: A New Family of {Cu(II)4Ln(III)8} Complexes Bearing tert-Butylacetate Bridging Ligands. <i>Inorganic Chemistry</i> , 2015 , 54, 7555-61	5.1	22
454	Sol-gel encapsulation of binary Zn(II) compounds in silica nanoparticles. Structure-activity correlations in hybrid materials targeting Zn(II) antibacterial use. <i>Journal of Inorganic Biochemistry</i> , 2015 , 151, 150-63	4.2	10
453	A family of dinuclear lanthanide(III) complexes from the use of a tridentate Schiff base. <i>Dalton Transactions</i> , 2015 , 44, 10200-9	4.3	56

- 452 pH-Specific Crystalline Binary and Ternary Metal-Organic Framework Materials of Pb(II) with (Di)Tricarboxylate Ligands and N,N'-Aromatic Chelators. Structure, Architecture-Lattice Dimensionality, and Electronic Spectroscopic Property Correlations. *Crystal Growth and Design*, **2015**, *15*, 1666-1682 3.5 6
- 451 Structural/Spectrochemical Correlations of Variable Dimensionality Crystalline Metal-Organic Framework Materials in Hydrothermal Reactivity Patterns of Binary/Ternary Systems of Pb(II) with (a)Cyclic (Poly)carboxylate and Aromatic Chelator Ligands. *Crystal Growth and Design*, **2015**, *15*, 5310-5326 3.5 13
- 450 Structurally Diverse Manganese(II)-Diclofenac Complexes Showing Enhanced Antioxidant Activity and Affinity to Serum Albumins in Comparison to Sodium Diclofenac. *European Journal of Inorganic Chemistry*, **2015**, *2015*, 2285-2294 2.3 29
- 449 The Periodic table of benzotriazoles: Uranium(VI) complexes. *Inorganic Chemistry Communication*, **2015**, *59*, 57-60 3.1 10
- 448 The N-(2-carboxyphenyl)salicylideneimine ligand in 4f-metal chemistry: A unique neodymium(III) chain containing the singly deprotonated, zwitterionic form of the ligand. *Inorganic Chemistry Communication*, **2015**, *51*, 118-121 3.1 4
- 447 Mononuclear anionic octahedral cobalt(III) complexes based on N-salicylidene-o-aminophenol and its derivatives: synthetic, structural and spectroscopic studies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, *136 Pt A*, 122-30 4.4 16
- 446 Two novel compounds of vanadium and molybdenum with carnitine exhibiting potential pharmacological use. *Journal of Inorganic Biochemistry*, **2015**, *142*, 109-17 4.2 19
- 445 A 2D (4,4) network based on tetranuclear manganese(II)-terephthalato building units: Synthesis, crystal structure and magnetic studies. *Polyhedron*, **2015**, *85*, 783-788 2.7 3
- 444 Dinuclear, tetrakis(acetato)-bridged lanthanide(III) complexes from the use of 2-acetylpyridine hydrazone. *Inorganic Chemistry Communication*, **2015**, *51*, 99-102 3.1 10
- 443 A Kumada Coupling Catalyst, [Ni{(Ph₂P)N(CH₂)₃Si(OCH₃)₃-P}Cl₂], Bearing a Ligand for Direct Immobilization Onto Siliceous Mesoporous Molecular Sieves. *European Journal of Inorganic Chemistry*, **2015**, *2015*, 3038-3044 2.3 6
- 442 Doubly Thiocyanato(S,N)-Bridged Dinuclear Complexes of Mercury(II) from the Use of 2-pyridyl Oximes as Capping Ligands. *Current Inorganic Chemistry*, **2015**, *5*, 26-37 8
- 441 Ni(II)₂₀ "Bowls" from the Use of Tridentate Schiff Bases. *Inorganic Chemistry*, **2015**, *54*, 5615-7 5.1 22
- 440 Room-temperature Suzuki-Miyaura coupling of aryl bromides with phenylboronic acid catalyzed by a palladium complex with an inexpensive nitrogen-containing bis(phosphinite) ligand. *Catalysis Communications*, **2014**, *51*, 15-18 3.2 15
- 439 From Molecular Magnets to Magnetic Nanomaterials [Deposition of Co₇ Single-Molecule Magnet; Theoretical Investigation of the Exchange Interactions. *European Journal of Inorganic Chemistry*, **2014**, *2014*, 2678-2686 2.3 8
- 438 Rare nuclearities in Ni(II) cluster chemistry: a Ni₁₁ cage from the first use of N-salicylidene-2-amino-5-chlorobenzoic acid in metal cluster chemistry. *RSC Advances*, **2014**, *4*, 12680-12684 3.7 9
- 437 Unexpected metal ion-assisted transformations leading to unexplored bridging ligands in Ni(II) coordination chemistry: the case of PO₃F(2-) group. *Dalton Transactions*, **2014**, *43*, 14520-4 4.3 9
- 436 Structure and biological perspectives of Cu(II)-indomethacin complexes. *Journal of Inorganic Biochemistry*, **2014**, *140*, 185-98 4.2 41
- 435 Synthesis, structural characterization and radiochemistry of μ +1 fac-[^{99m}Tc/Re(CO)₃(L)(2-mercaptopyridine)] complexes, where L is phosphine or isocyanide. *Polyhedron*, **2014**, *81*, 511-516 2.7 9

- 434 Zn(II)/pyridyloxime complexes as potential reactivators of OP-inhibited acetylcholinesterase: in vitro and docking simulation studies. *Journal of Inorganic Biochemistry*, **2014**, 134, 12-9 4.2 2
- 433 Structural and magnetic variations in tetranuclear Ni(II) clusters: the effect of the reaction solvent and ligand substitution on product identity. *Dalton Transactions*, **2014**, 43, 16605-9 4.3 26
- 432 Synthesis, crystal structure and characterization of three novel copper complexes of Levofloxacin. Study of their DNA binding properties and biological activities. *Inorganica Chimica Acta*, **2014**, 423, 207-218 2.7 14
- 431 Synthesis, structural characterization and radiochemistry of di- and tricarbonyl Re(I) and ^{99m}Tc(I) complexes with 8-hydroxyquinoline or 8-mercaptoquinoline and triphenylphosphine. *Polyhedron*, **2014**, 68, 46-52 2.7 16
- 430 The fac diastereoisomer of tris(2-pyridinealdoximato)cobalt(III) and a cationic cobalt(III) complex containing both the neutral and anionic forms of the ligand: Synthetic, structural and spectroscopic studies. *Polyhedron*, **2014**, 79, 29-36 2.7 11
- 429 Synthesis, Characterization, Magnetic and Catalytic Properties of a Ladder-Shaped MnII Coordination Polymer. *European Journal of Inorganic Chemistry*, **2014**, 2014, 3638-3644 2.3 8
- 428 Structural aesthetics in molecular nanoscience: a unique Ni₂₆ cluster with a 'rabbit-face' topology and a discrete Ni₁₈ 'molecular chain'. *Chemical Communications*, **2014**, 50, 14942-5 5.8 31
- 427 Copper(II) interacting with the non-steroidal antiinflammatory drug flufenamic acid: structure, antioxidant activity and binding to DNA and albumins. *Journal of Inorganic Biochemistry*, **2013**, 123, 53-65 4.2 116
- 426 Molecular nanoscale magnetic refrigerants: a ferrimagnetic {Cu(II)₁₅Gd(III)₇} cage-like cluster from the use of pyridine-2,6-dimethanol. *Inorganic Chemistry*, **2013**, 52, 10235-7 5.1 55
- 425 Synthesis and characterization of fac-[M(CO)₃(P)(OO)] and cis-trans-[M(CO)₂(P)₂(OO)] complexes (M = Re, (^{99m}Tc) with acetylacetonone and curcumin as OO donor bidentate ligands. *Inorganic Chemistry*, **2013**, 52, 12995-3003 5.1 39
- 424 Heptanuclear antiferromagnetic Fe(III)-D(-)-quinato assemblies with an S = 3/2 ground state-pH-specific synthetic chemistry, spectroscopic, structural, and magnetic susceptibility studies. *Inorganic Chemistry*, **2013**, 52, 13849-60 5.1 5
- 423 Zig-zag [MnIII₄] clusters from polydentate Schiff base ligands. *Polyhedron*, **2013**, 64, 181-188 2.7 11
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