

# Catherine P Raptopoulou

## List of Publications by Year in descending order

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542  
papers

16,528  
citations

14655

66  
h-index

42399

92  
g-index

555  
all docs

555  
docs citations

555  
times ranked

10408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of the halogenido ligands on the Kumada-coupling catalytic activity of $[Ni^{II}(t-BuN(PPh_2)_2)_2]^{+}X_2^{-}$ , X = Cl, Br, I, complexes. RSC Advances, 2022, 12, 2227-2236.	3.6	0
2	Synthesis, Crystal Structures and Magnetic Properties of Trinuclear $\{Ni_2Ln\}$ (LnIII = Dy, Ho) and $\{Ni_2Y\}$ Complexes with Schiff Base Ligands. Crystals, 2022, 12, 95.	2.2	4
3	Confirming the Molecular Basis of the Solvent Extraction of Cadmium(II) Using 2-Pyridyl Oximes through a Synthetic Inorganic Chemistry Approach and a Proposal for More Efficient Extractants. Molecules, 2022, 27, 1619.	3.8	5
4	Synthesis, Crystal Structure, and Broadband Emission of $(CH_3)_3SSnCl_3$ . Inorganic Chemistry, 2022, 61, 4769-4777.	4.0	3
5	Conjugation of triphenylantimony(V) with carvacrol against human breast cancer cells. Journal of Biological Inorganic Chemistry, 2022, 27, 373-389.	2.6	10
6	Synthesis and Characterization of Novel $[2^{+}1^{-}]$ Tricarbonyl Rhenium Complexes with the Hydrophilic Phosphine Ligands PTA and CAP. Bioinorganic Chemistry and Applications, 2022, 2022, 1-15.	4.1	0
7	Further synthetic investigation of the general lanthanoid( $Ln^{III}$ )/copper( $Cu^{II}$ )/pyridine-2,6-dimethanol/carboxylate reaction system: $\{CuII LnIII_4\}$ coordination clusters (Ln = Dy, Tb, Ho) and their yttrium( $Y^{III}$ ) analogue. Dalton Transactions, 2021, 50, 240-251.	3.3	4
8	Synthesis, crystal structures, magnetic and magnetocaloric studies of heterometallic enneanuclear $\{Cu_7Gd_2\}$ complexes. Polyhedron, 2021, 195, 114960.	2.2	1
9	Dinuclear Lanthanide(III) Complexes from the Use of Methyl 2-Pyridyl Ketoxime: Synthetic, Structural, and Physical Studies. Molecules, 2021, 26, 1622.	3.8	3
10	Novel silver glycinate conjugate with 3D polymeric intermolecular self-assembly architecture; an antiproliferative agent which induces apoptosis on human breast cancer cells.. Journal of Inorganic Biochemistry, 2021, 216, 111351.	3.5	15
11	Evaluation of Insulin-Like Activity of Novel Zinc Metal-Organics toward Adipogenesis Signaling. International Journal of Molecular Sciences, 2021, 22, 6757.	4.1	0
12	Structural and catalytic properties of the $[Ni(BIPHEP)X_2]$ complexes, BIPHEP = 2,2-diphenylphosphino-1,1-biphenyl; X = Cl, Br. Inorganica Chimica Acta, 2021, 522, 120300.	2.4	0
13	Pentanuclear Thorium(IV) Coordination Cluster from the Use of Di(2-pyridyl) Ketone. Inorganic Chemistry, 2021, 60, 11888-11892.	4.0	3
14	A single-chain magnet based on bis(end-on azido/alkoxo)-bridged linear $[Mn^{III}Mn^{II}]$ repeating units. Polyhedron, 2021, 206, 115334.	2.2	1
15	Electronic properties of the $S=5/2$ Mn(II) complexes $[Mn\{PhC(O)NP(O)PPh_2\}(N,N)(NO_3)]$ , (N,N) = phenanthroline, neocuproine, 2,2'-bipyridine. Polyhedron, 2021, 207, 115374.	2.2	2
16	Synthesis and evaluation of new mixed $\epsilon_2\epsilon_1$ -Re, $^{99m}Tc$ and $^{186}Re$ tricarbonyl dithiocarbamate complexes with different monodentate ligands. Bioorganic and Medicinal Chemistry, 2021, 47, 116373.	3.0	9
17	Di-2-pyridyl ketone-based ligands as evergreen in the forest of manganese chemistry: Mononuclear Mn(III) complexes from the use of $MnF_3$ . Polyhedron, 2021, 207, 115350.	2.2	1
18	Metal-Organic Frameworks: Synthetic Methods and Potential Applications. Materials, 2021, 14, 310.	2.9	112

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19	The Use of Hirshfeld Surface Analysis Tools to Study the Intermolecular Interactions in Single Molecule Magnets. <i>Crystals</i> , 2021, 11, 1246.	2.2	8
20	Effective Labeling of Amine Pharmacophores through the Employment of 2,3-Pyrazinedicarboxylic Anhydride and the Generation of <i>fac</i> -[M(CO) <sub>3</sub> (PyA)P] and <i>cis</i> -[M(CO) <sub>2</sub> (PyA)P <sub>2</sub> ] Complexes (PyA = Pyrazine-2-carboxylate, P = Tj ETQq 0 0 r gBT /Overlock 10	4.0	2
21	Hybrid halobismuthates as prospective light-harvesting materials: Synthesis, crystal, optical properties and electronic structure. <i>Polyhedron</i> , 2020, 175, 114180.	2.2	9
22	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.	2.7	6
23	Heterometallic Complexes Containing the NiII-LnIII-NiII Moiety Structures and Magnetic Properties. <i>Crystals</i> , 2020, 10, 1117.	2.2	4
24	Trinuclear NiII-LnIII-NiII Complexes with Schiff Base Ligands: Synthesis, Structure, and Magnetic Properties. <i>Molecules</i> , 2020, 25, 2280.	3.8	5
25	Synthesis, characterization, DNA binding and cytotoxicity studies of two novel Cu(II)-2-(2- <sup>2</sup> -pyridyl) quinoxaline complexes. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111077.	3.5	10
26	Unusual <sup>31</sup> 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.	4.0	7
27	Synthetic strategies to {CoII2LnIII} complexes based on 2-pyridyl oximes (Ln <sup>3+</sup> = lanthanide). <i>Inorganic Chemistry Communication</i> , 2019, 108, 107478.	3.9	5
28	Multifunctionality in Two Families of Dinuclear Lanthanide(III) Complexes with a Tridentate Schiff-Base Ligand. <i>Inorganic Chemistry</i> , 2019, 58, 9581-9585.	4.0	12
29	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.	2.4	10
30	Tetranuclear oxido-bridged thorium( <sup>iv</sup> ) clusters obtained using tridentate Schiff bases. <i>Dalton Transactions</i> , 2019, 48, 15668-15678.	3.3	9
31	Extending the family of heptanuclear heterometallic Cu5Ln2 (Ln <sup>3+</sup> = Gd, Tb, Dy) complexes: Synthesis, crystal structures, magnetic and magnetocaloric studies. <i>Polyhedron</i> , 2019, 169, 135-143.	2.2	6
32	Field-induced slow relaxation of magnetization in the <i>S</i> = 3/2 octahedral complexes <i>trans</i> -[Co{(OPPh) <sub>2</sub> (EPPH) <sub>2</sub> (dmf) <sub>2</sub> }] <sub>2</sub> (E = S, Se): effects of Co <sup>2+</sup> vs. Co <sup>3+</sup> coordination. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1405-1414.	6.0	9
33	Remarkable Brain Penetration of Cyclopentadienyl M(CO) <sub>3</sub> (M = Tj ETQq 1 1 0.784314 rgBT /Overlock 10 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.	6.4	22
34	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.	2.4	25
35	An Efficient Disinfectant, Composite Material {SLS@[Zn3(CitH)2]} as Ingredient for Development of Sterilized and Non Infectious Contact Lens. <i>Antibiotics</i> , 2019, 8, 213.	3.7	9
36	Investigating the isolation and interconversion of two diastereoisomers in an octahedral system. <i>New Journal of Chemistry</i> , 2019, 43, 17141-17145.	2.8	0

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37	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.	3.5	5
38	Catalytic reactivity of the complexes [Pd{(Ph <sub>2</sub> P) <sub>2</sub> N(Bu)-P,PA}X <sub>2</sub> ], X = Cl, Br, I, in the Suzuki-Miyaura C-C coupling reaction: Probing effects of the halogeno ligand X and the ligand's Bu group. <i>Journal of Organometallic Chemistry</i> , 2019, 879, 40-46.	1.8	6
39	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.	7.3	9
40	Crystal structure of $\text{[Cu}(\text{H}_2\text{O})_4(\text{benzo}[\text{thiazol}-2\text{-yl})\text{-N}(\text{pyridin}-2\text{-ylmethylidene})\text{aniline}]_2 \cdot \text{[N}(\text{tricarboxylrhodium(I) hexafluoridophosphate methanol monosolvate}]$ . <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 580-584.	0.5	0
41	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.	2.6	20
42	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.	3.5	8
43	A step-ladder manganese(III) metallacrown hosting mefenamic acid and a manganese(II) mefenamate complex: synthesis, characterization and cytotoxic activity. <i>New Journal of Chemistry</i> , 2018, 42, 6955-6967.	2.8	19
44	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.	2.4	7
45	Synthesis, characterization and optoelectronic properties of chemically stable (CH <sub>3</sub> ) <sub>3</sub> SPb <sub>3</sub> X <sub>3</sub> and (CH <sub>3</sub> ) <sub>3</sub> SPb <sub>3</sub> X <sub>3</sub> Cl <sub>x</sub> (x = 0, 1, 2, 3) perovskites. <i>Polyhedron</i> , 2018, 140, 67-73.	2.2	25
46	Self-assembled tetrameric H <sub>2</sub> O clusters in the crystal lattice of [Cu(1/2-OH){Ph <sub>2</sub> P(O)NP(O)Ph <sub>2</sub> IO, O}(1,10-phen <sub>2</sub> N)} <sub>2</sub> ·2H <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , 2018, 71, 14047-4057.	2.2	1
47	Mononuclear Lanthanide(III)-Salicylideneaniline Complexes: Synthetic, Structural, Spectroscopic, and Magnetic Studies. <i>Magnetochemistry</i> , 2018, 4, 45.	2.4	12
48	Synthesis and electron paramagnetic resonance studies of seven coordinated Mn(II) complexes with tridentate N-donor ligands. <i>Polyhedron</i> , 2018, 155, 291-301.	2.2	5
49	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.	7.3	12
50	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.	2.8	36
51	Structural features and catalytic reactivity of [Pd{(Ph <sub>2</sub> P) <sub>2</sub> N(CH <sub>2</sub> ) <sub>3</sub> Si(OCH <sub>3</sub> ) <sub>3</sub> IP,PA}I <sub>2</sub> ] and related complexes in hydroalkoxycarbonylation and Suzuki-Miyaura C-C cross-coupling reactions. <i>Polyhedron</i> , 2018, 151, 292-298.	2.2	3
52	Magnetostructural correlations in $\text{[Ni}(\text{OPPh}_2)(\text{EPPH}_2\text{N})_2(\text{dmsO})_2]$ , $\text{[Ni}(\text{OPPh}_2)(\text{EPPH}_2\text{N})_2(\text{dmsO})_2]$ , $\text{[Ni}(\text{OPPh}_2)(\text{EPPH}_2\text{N})_2(\text{dmsO})_2]$ , and related complexes. <i>Polyhedron</i> , 2018, 151, 177-184.	2.2	7
53	Slow magnetic relaxation and luminescence properties in lanthanide(III)/anil complexes. <i>Dalton Transactions</i> , 2018, 47, 11859-11872.	3.3	15
54	Synthesis and characterization of new organic-inorganic hybrid compounds based on Sb, with a perovskite like structure. <i>Polyhedron</i> , 2018, 151, 299-305.	2.2	9

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55	Dicarbonyl <i>cis</i> -[M(CO) <sub>2</sub> (N,O)(C)(P)] (M = Re, <sup>99m</sup> Tc) Complexes with a New [2 + 1 + 1] Donor Atom Combination. <i>Inorganic Chemistry</i> , 2018, 57, 8354-8363.	4.0	16
56	Photocatalytic hydrogen production with alkylated nickel bis-dithiolene complexes. <i>Polyhedron</i> , 2018, 152, 138-146.	2.2	18
57	Dioxidouranium(IV) complexes with Schiff bases possessing an ONO donor set: Synthetic, structural and spectroscopic studies. <i>Polyhedron</i> , 2018, 152, 172-178.	2.2	7
58	Heptanuclear heterometallic Cu <sub>5</sub> Ln <sub>2</sub> (Ln <sup>3+</sup> = Gd, Tb) complexes: Synthesis, crystal structures, and magnetic properties studies. <i>Polyhedron</i> , 2018, 150, 47-53.	2.2	7
59	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.	3.9	6
60	3D supramolecular networks based on hydroxyl-rich Schiff-base copper(II) complexes. <i>Polyhedron</i> , 2018, 152, 125-137.	2.2	4
61	Nickel(II) Coordination Clusters Based on N-salicylidene-4-chloro-oaminophenol: Synthetic and Structural Studies. <i>Current Inorganic Chemistry</i> , 2018, 7, 48-65.	0.2	2
62	Iron(III) Clusters from Polydentate Schiff Base Ligands: Involvement of Non Heisenberg Interaction in [Fe <sup>III</sup> 3(μ <sub>2</sub> -OR)3(μ <sub>2</sub> -O <sub>2</sub> CPh) <sub>3</sub> ] <sup>3+</sup> Clusters. <i>Current Inorganic Chemistry</i> , 2018, 7, 66-85.	0.2	1
63	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.	3.5	50
64	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.	1.8	13
65	N-(4-Hydroxyphenyl)acetamide against diiodine towards polyiodide dianion. <i>New Journal of Chemistry</i> , 2017, 41, 5555-5564.	2.8	0
66	Probing the electronic structure of a copper(II) complex by CW- and pulse-EPR spectroscopy. <i>Dalton Transactions</i> , 2017, 46, 8458-8475.	3.3	14
67	One-Dimensional Organic-Inorganic Hybrid Materials Based on Antimony. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3401-3408.	2.0	18
68	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.	7.3	16
69	A unique copper(II)-assisted transformation of acetylacetone dioxime in acetone that leads to one-dimensional, quinoxaline-bridged coordination polymers. <i>Dalton Transactions</i> , 2017, 46, 260-274.	3.3	14
70	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.	5.5	10
71	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.	3.3	28
72	Interaction of zinc(II) with the non-steroidal anti-inflammatory drug niflumic acid. <i>Journal of Inorganic Biochemistry</i> , 2017, 176, 100-112.	3.5	18

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73	Site preferences in hetero-metallic [Fe <sup>9</sup> xNi <sup>x</sup> ] clusters: a combined crystallographic, spectroscopic and theoretical analysis. Dalton Transactions, 2017, 46, 12835-12844.	3.3	4
74	Structural Diversities in Heterometallic Mn <sup>III</sup> -Ca Cluster Chemistry from the Use of Salicylhydroxamic Acid: {Mn <sup>III</sup> <sub>4</sub> Ca <sub>2</sub> }, {Mn <sup>II/III</sup> <sub>6</sub> Ca <sub>2</sub> }, {Mn <sup>III/IV</sup> <sub>8</sub> Ca}, and {Mn <sup>III</sup> <sub>8</sub> Ca <sub>2</sub> } Complexes with Relevance to Both High- and Low-Valent States of the Oxygen-Evolving Complex. Inorganic Chemistry, 2017, 56, 10760-10774.	4.0	15
75	Carbonato- and methanediolato(-2)-bridged nickel(II) coordination clusters from the use of N-salicylidene-4-methyl-o-aminophenol. Inorganic Chemistry Communication, 2017, 83, 113-117.	3.9	4
76	Rhenium(I) Tricarbonyl Complexes with (2-Hydroxyphenyl)diphenylphosphine as PO Bidentate Ligand. Inorganic Chemistry, 2017, 56, 8175-8186.	4.0	24
77	Immobilization of [Pd{(Ph) <sub>2</sub> P) <sub>2</sub> N(CH <sub>2</sub> ) <sub>3</sub> Si(OCH <sub>3</sub> ) <sub>3</sub> }] <sub>3</sub> X (X=Cl, Br) onto Montmorillonite: Investigating their Performance as Homogeneous or Heterogenized Suzuki-Miyaura Catalysts. ChemistrySelect, 2017, 2, 12051-12059.	1.5	5
78	Using the Singly Deprotonated Triethanolamine to Prepare Dinuclear Lanthanide(III) Complexes: Synthesis, Structural Characterization and Magnetic Studies. Magnetochemistry, 2017, 3, 5.	2.4	16
79	A Ni <sup>II</sup> Coordination Cluster from the Use of the Di-2-Pyridyl Ketone/Acetate Ligand Combination: Synthetic, Structural and Magnetic Studies. Magnetochemistry, 2016, 2, 30.	2.4	6
80	Binding of oxime group to uranyl ion. Dalton Transactions, 2016, 45, 9307-9319.	3.3	29
81	Zinc complexes of flufenamic acid: Characterization and biological evaluation. Journal of Inorganic Biochemistry, 2016, 163, 332-345.	3.5	39
82	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. Inorganic Chemistry Communication, 2016, 70, 95-98.	3.9	4
83	Iron(III) complexes with 2-pyridyl oxime ligands: Synthesis, structural and spectroscopic characterization, and magnetic studies. ChemistrySelect, 2016, 1, 147-156.	1.5	6
84	The novel [Ni{(Ph <sub>2</sub> P) <sub>2</sub> N(CH <sub>2</sub> ) <sub>3</sub> Si(OCH <sub>3</sub> ) <sub>3</sub> P}H <sub>2</sub> ] complex: Structural features and catalytic reactivity in the oligomerization of ethylene. Open Chemistry, 2016, 14, 351-356.	1.9	5
85	Crystal structure of fac-tricarbonyl(cyclohexyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (isocyanide- <sup>1</sup> C)(qu) Crystallographica Section E: Crystallographic Communications, 2016, 72, 358-362.	0.5	2
86	Copper(II) Inverse-[9-Metallacrown-3] Compounds Accommodating Nitrate or Diclofenac Ligands: Structure, Magnetism, and Biological Activity. European Journal of Inorganic Chemistry, 2016, 2016, 219-231.	2.0	25
87	Neutral fac-[Re(NNN)(CO) <sub>3</sub> ] complexes with NNN tridentate ligands containing pyrrole or indole. Inorganic Chemistry Communication, 2016, 63, 1-4.	3.9	3
88	Crystal structure of fac-tricarbonyl(quinoline-2-carboxylato) <sup>2-</sup> N,O(triphenylarsane- <sup>1</sup> As)rhodium(I). Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 114-116.	0.5	1
89	A Kumada Coupling Catalyst, [Ni{(Ph) <sub>2</sub> P) <sub>2</sub> N(CH <sub>2</sub> ) <sub>3</sub> Si(OCH <sub>3</sub> ) <sub>3</sub> }] <sub>3</sub> Cl <sub>2</sub> Bearing a Ligand for Direct Immobilization Onto Siliceous Mesoporous Molecular Sieves. European Journal of Inorganic Chemistry, 2015, 2015, 3038-3044.	2.0	6
90	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.	0.2	8

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91	Ni <sup>II</sup> $\rightarrow$ 20 $\rightarrow$ from the Use of Tridentate Schiff Bases. <i>Inorganic Chemistry</i> , 2015, 54, 5615-5617.	4.0	25
92	Nonemployed Simple Carboxylate Ions in Well-Investigated Areas of Heterometallic Carboxylate Cluster Chemistry: A New Family of {Cu <sup>II</sup> <sub>4</sub> Ln <sup>III</sup> <sub>8</sub> } Complexes Bearing <i>tert</i> -Butylacetate Bridging Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 7555-7561.	4.0	24
93	Solâ€gel encapsulation of binary Zn(II) compounds in silica nanoparticles. Structureâ€activity correlations in hybrid materials targeting Zn(II) antibacterial use. <i>Journal of Inorganic Biochemistry</i> , 2015, 151, 150-163.	3.5	13
94	A family of dinuclear lanthanide( $\rightarrow$ ) complexes from the use of a tridentate Schiff base. <i>Dalton Transactions</i> , 2015, 44, 10200-10209.	3.3	60
95	pH-Specific Crystalline Binary and Ternary Metalâ€Organic Framework Materials of Pb(II) with (Di)Tricarboxylate Ligands and <i>N</i> , <i>N</i> -Aromatic Chelators. Structure, Architecture-Lattice Dimensionality, and Electronic Spectroscopic Property Correlations. <i>Crystal Growth and Design</i> , 2015, 15, 1666-1682.	3.0	8
96	Structuralâ€Spectrochemical Correlations of Variable Dimensionality Crystalline Metalâ€Organic Framework Materials in Hydrothermal Reactivity Patterns of Binaryâ€Ternary Systems of Pb(II) with (a)Cyclic (Poly)carboxylate and Aromatic Chelator Ligands. <i>Crystal Growth and Design</i> , 2015, 15, 5310-5326.	3.0	13
97	Structurally Diverse Manganese(II)-Diclofenac Complexes Showing Enhanced Antioxidant Activity and Affinity to Serum Albumins in Comparison to Sodium Diclofenac. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2285-2294.	2.0	30
98	The â€periodic tableâ€of benzotriazoles: Uranium(VI) complexes. <i>Inorganic Chemistry Communication</i> , 2015, 59, 57-60.	3.9	11
99	The N-(2-carboxyphenyl)salicylideneimine ligand in 4f-metal chemistry: A unique neodymium(III) chain containing the singly deprotonated, zwitterionic form of the ligand. <i>Inorganic Chemistry Communication</i> , 2015, 51, 118-121.	3.9	4
100	Mononuclear anionic octahedral cobalt(III) complexes based on N-salicylidene-o-aminophenol and its derivatives: Synthetic, structural and spectroscopic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 122-130.	3.9	17
101	Two novel compounds of vanadium and molybdenum with carnitine exhibiting potential pharmacological use. <i>Journal of Inorganic Biochemistry</i> , 2015, 142, 109-117.	3.5	23
102	A 2D (4,4) network based on tetranuclear manganese(II)-terephthalato building units: Synthesis, crystal structure and magnetic studies. <i>Polyhedron</i> , 2015, 85, 783-788.	2.2	4
103	Dinuclear, tetrakis(acetato)-bridged lanthanide(III) complexes from the use of 2-acetylpyridine hydrazone. <i>Inorganic Chemistry Communication</i> , 2015, 51, 99-102.	3.9	12
104	Synthesis, Characterization, Magnetic and Catalytic Properties of a Ladderâ€Shaped Mn <sup>II</sup> Coordination Polymer. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3638-3644.	2.0	9
105	Structural aesthetics in molecular nanoscience: a unique Ni <sub>26</sub> cluster with a â€rabbit-faceâ€ topology and a discrete Ni <sub>18</sub> â€molecular chainâ€. <i>Chemical Communications</i> , 2014, 50, 14942-14945.	4.1	36
106	Room-temperature Suzukiâ€Miyaura coupling of aryl bromides with phenylboronic acid catalyzed by a palladium complex with an inexpensive nitrogen-containing bis(phosphinite) ligand. <i>Catalysis Communications</i> , 2014, 51, 15-18.	3.3	18
107	From Molecular Magnets to Magnetic Nanomaterials â€ Deposition of Co <sub>7</sub> Singleâ€Molecule Magnet; Theoretical Investigation of the Exchange Interactions. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2678-2686.	2.0	9
108	Rare nuclearities in Ni( $\rightarrow$ ) cluster chemistry: a Ni <sub>11</sub> cage from the first use of N-salicylidene-2-amino-5-chlorobenzoic acid in metal cluster chemistry. <i>RSC Advances</i> , 2014, 4, 12680-12684.	3.6	10

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109	Unexpected metal ion-assisted transformations leading to unexplored bridging ligands in Ni <sup>II</sup> coordination chemistry: the case of PO <sub>3</sub> F <sup>2-</sup> group. Dalton Transactions, 2014, 43, 14520-14524.	3.3	11
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111	Synthesis, structural characterization and radiochemistry of $\epsilon$ -[ <sup>99m</sup> Tc/Re(CO) <sub>3</sub> (L)(2-mercaptopyridine)] complexes, where L is phosphine or isocyanide. Polyhedron, 2014, 81, 511-516.	2.2	12
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183	MÃƒssbauer spectra of two extended series of basic iron(III) carboxylates [Fe <sub>3</sub> O(O <sub>2</sub> CR) <sub>6</sub> (H <sub>2</sub> O) <sub>6</sub> ]A (A = ClO <sub>4</sub> <sup>-</sup> , NO <sub>3</sub> <sup>-</sup> ). <i>Hyperfine Interactions</i> , 2010, 198, 229-241.	0.5	14
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486	Redox chemistry of the $[\text{Re}_3(\text{I}^{1/4}\text{-Cl})_3\text{X}_9]^{3-}$ halides (X = ... = ... Cl or Br); isolation and structural characterization of the $[\{\text{Re}_3(\text{I}^{1/4}\text{-Cl})_3\text{Br}_6(\text{H}_2\text{O})(\text{I}^{1/4}\text{-O})_2\}^{2-}]^{2-}$ cluster anion. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3299-3304.	1.1	1

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540	Structural and magnetic characterization of trinuclear, mixed-valence manganese acetates. <i>Inorganic Chemistry</i> , 1992, 31, 5424-5432.	4.0	90

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541	Molybdenum(VI)-copper(II) Schiff-base chain complexes having Cu <sub>2</sub> Mo <sub>2</sub> O <sub>4</sub> cubane-like cores. Synthesis, crystal structure, and magnetic properties of [Cu <sub>2</sub> Mo <sub>2</sub> O <sub>4</sub> (SALADHP) <sub>2</sub> (MeO) <sub>2</sub> .cndot.2CH <sub>3</sub> CN] <sub>n</sub> [H <sub>3</sub> SALADHP = 1,3-dihydroxy-2-methyl-2-(salicylideneamino)propane]. Inorganic Chemistry, 1992, 31, 4339-4345.	4.0	29
542	Cationic control of spin dimensionality in infinite chains of (cation) <sub>2</sub> [Mn <sup>III</sup> (salicylate) <sub>2</sub> (CH <sub>3</sub> OH) <sub>2</sub> ][Mn <sup>III</sup> (salicylate) <sub>2</sub> ]. Inorganic Chemistry, 1991, 30, 3900-3907.	4.0	37