

Antonio RodrÃ-guez DiÃ©guez

List of Publications by Year in descending order

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218
papers

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94269

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219
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times ranked

5186
citing authors

#	ARTICLE	IF	CITATIONS
1	Field and dilution effects on the slow relaxation of a luminescent DyO ₉ low-symmetry single-ion magnet. <i>Chemical Communications</i> , 2012, 48, 7916.	2.2	204
2	Guest-Induced Modification of a Magnetically Active Ultramicroporous, Gismondine-like, Copper(II) Coordination Network. <i>Journal of the American Chemical Society</i> , 2008, 130, 3978-3984.	6.6	149
3	Curcumin loaded mesoporous silica: an effective drug delivery system for cancer treatment. <i>Biomaterials Science</i> , 2016, 4, 448-459.	2.6	107
4	Synthesis of Cyclic Carbonates Catalysed by Aluminium Heteroscorpionate Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 9850-9862.	1.7	104
5	Self-Assembled Cationic Heterochiral Honeycomb-Layered Metal Complexes with the in Situ Generated Pyrimidine-2-carboxylato Bisdidentate Ligand. Hydrothermal Synthesis, Crystal Structures, Magnetic Properties, and Theoretical Study of [M ₂ (1/4-pymca) ₃]OH·H ₂ O (M = Fe, Co). <i>Inorganic Chemistry</i> , 2007, 46, 2503-2510.	1.9	90
6	Curcumin-loaded silica-based mesoporous materials: Synthesis, characterization and cytotoxic properties against cancer cells. <i>Materials Science and Engineering C</i> , 2016, 63, 393-410.	3.8	78
7	Microfluidic paper-based device for colorimetric determination of glucose based on a metal-organic framework acting as peroxidase mimetic. <i>Mikrochimica Acta</i> , 2018, 185, 47.	2.5	77
8	Tuning the luminescence performance of metal-organic frameworks based on d ¹⁰ metal ions: from an inherent versatile behaviour to their response to external stimuli. <i>CrystEngComm</i> , 2016, 18, 8556-8573.	1.3	76
9	One-Component Aluminum(heteroscorpionate) Catalysts for the Formation of Cyclic Carbonates from Epoxides and Carbon Dioxide. <i>ChemSusChem</i> , 2017, 10, 1175-1185.	3.6	68
10	Synthesis, X-ray structures and luminescence properties of three multidimensional metal-organic frameworks incorporating the versatile 5-(pyrimidyl)tetrazolato bridging ligand. <i>Dalton Transactions</i> , 2007, , 1821-1828.	1.6	66
11	A chiral diamondoid 3D lanthanum metal-organic framework displaying blue-greenish long lifetime photoluminescence emission. <i>CrystEngComm</i> , 2010, 12, 1876.	1.3	65
12	Hexacyanocobaltate(III) Anions as Precursors of Co(II)-Ni(II) Cyano-Bridged Multidimensional Assemblies: Hydrothermal Syntheses, Crystal and Powder X-ray Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2005, 44, 8399-8406.	1.9	62
13	Anion Influence on the Structure and Magnetic Properties of a Series of Multidimensional Pyrimidine-2-carboxylato-Bridged Copper(II) Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 8143-8158.	1.9	62
14	Structural and Magnetic Diversity in Cyano-Bridged Bi- and Trimetallic Complexes Assembled from Cyanometalates and [M(rac-CTH)] _n -Building Blocks (CTH) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (=d,l-5,5,7,12,12,14-Hexamethy 10537-10551.	1.9	59
15	Rare earth anthracenedicarboxylate metal-organic frameworks: slow relaxation of magnetization of Nd ³⁺ , Gd ³⁺ , Dy ³⁺ , Er ³⁺ and Yb ³⁺ based materials. <i>Dalton Transactions</i> , 2016, 45, 591-598.	1.6	59
16	Hydrothermal Syntheses, Crystal Structures, and Properties of Two-Dimensional Homo- and Heterometallic Cyanide-Bridged Complexes: [Cu ₂ (CN) ₂ (bpym)] and [Fe(bpym) ₂ (CN) ₄ Cu ₂] (bpym =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (=d,l-5,5,7,12,12,14-Hexamethy	1.9	59
17	Triazolopyrimidine compounds containing first-row transition metals and their activity against the neglected infectious Chagas disease and leishmaniasis. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 526-534.	2.6	54
18	Metal-Organic Frameworks in Agriculture. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16983-17007.	4.0	53

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19	A family of acetato-diphenoxo triply bridged dimetallic Zn ^{II} Ln ^{III} complexes: SMM behavior and luminescent properties. Dalton Transactions, 2016, 45, 9712-9726.	1.6	51
20	Theoretical and Experimental Study of the Effectiveness of the 5-Pyrimidyl-tetrazolate Bridging Ligand in Mediating Magnetic Exchange Interactions. Inorganic Chemistry, 2010, 49, 8986-8996.	1.9	48
21	Synthesis of Bio-Derived Cyclic Carbonates from Renewable Resources. ACS Sustainable Chemistry and Engineering, 2019, 7, 20126-20138.	3.2	48
22	Designing Multifunctional 5-Cyanoisophthalate-Based Coordination Polymers as Single-Molecule Magnets, Adsorbents, and Luminescent Materials. Inorganic Chemistry, 2016, 55, 11230-11248.	1.9	46
23	Structure, magnetism and DFT studies of dinuclear and chain complexes containing the tetrazolate-5-carboxylate multidentate bridging ligand. Dalton Transactions, 2009, , 6335.	1.6	44
24	Influence of pseudohalide ligands on the structural versatility and properties of novel ternary metal complexes with 1,2,4-triazolo[1,5-a]pyrimidine. CrystEngComm, 2010, 12, 3038.	1.3	44
25	Influence of metal ions, coligands and reaction conditions on the structural versatility and properties of 5-pyrimidyl-tetrazolate containing complexes. Dalton Transactions, 2009, , 9578.	1.6	43
26	In vitro and in vivo antiparasital activity against Trypanosoma cruzi of three novel 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one-based complexes. Journal of Inorganic Biochemistry, 2011, 105, 770-776.	1.5	43
27	[Znn(polyox)(pmtz)n]: the first polyoxalate-containing coordination polymer from an unforeseen chemical rearrangement of 5-pyrimidyl-tetrazole under hydrothermal conditions. Chemical Communications, 2006, , 4140-4142.	2.2	42
28	A rational design by hydrothermal methods of a tetrazolate-bridged bimetallic spin-canted antiferromagnet. Synthesis, X-ray structure and magnetic properties of [CoNi(pmtz) ₄] (H ₂ pmtz = 5-pyrimidyl-tetrazolate). Dalton Transactions, 2010, 39, 1071-1078.	1.5	42
29	Dinuclear silver(i) complexes for the design of metal-organic ligand networks based on triazolopyrimidines. Dalton Transactions, 2011, 40, 11845.	1.6	42
30	Combining Polycarboxylate and Bipyridyl-like Ligands in the Design of Luminescent Zinc and Cadmium Based Metal-Organic Frameworks. Crystal Growth and Design, 2017, 17, 3893-3906.	1.4	42
31	Coordination Polymers with Intriguing Photoluminescence Behavior: The Promising Avenue for Greatest Long-Lasting Phosphors. European Journal of Inorganic Chemistry, 2018, 2018, 2155-2174.	1.0	41
32	The role of unconventional stacking interactions in the supramolecular assemblies of Hg(II) coordination compounds. CrystEngComm, 2016, 18, 9056-9066.	1.3	40
33	A Zn based coordination polymer exhibiting long-lasting phosphorescence. Chemical Communications, 2016, 52, 8671-8674.	2.2	40
34	Luminescence and magnetic properties of three metal-organic frameworks based on the 5-(1H-tetrazol-5-yl)isophthalic acid ligand. CrystEngComm, 2013, 15, 7636.	1.3	39
35	Preparation and Study of the Antibacterial Applications and Oxidative Stress Induction of Copper Maleamate-Functionalized Mesoporous Silica Nanoparticles. Pharmaceutics, 2019, 11, 30.	2.0	39
36	Modular structure of a robust microporous MOF based on Cu ₂ paddle-wheels with high CO ₂ selectivity. Chemical Communications, 2013, 49, 11329.	2.2	37

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37	Anion controlled structural and magnetic diversity in unusual mixed-bridged polynuclear Ni ^{II} complexes with a versatile bis(2-methoxy phenol)diamine hexadentate ligand. An experimental and theoretical magneto-structural study. Dalton Transactions, 2014, 43, 13509-13524.	1.6	37
38	Design, synthesis and characterization of doped-titanium oxide nanomaterials with environmental and angiogenic applications. Science of the Total Environment, 2017, 599-600, 1263-1274.	3.9	37
39	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis studies of carbohydrazone based on Zn complexes. CrystEngComm, 2016, 18, 102-112.	1.3	36
40	Biological activity of three novel complexes with the ligand 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one against Leishmania spp.. Journal of Antimicrobial Chemotherapy, 2011, 66, 813-819.	1.3	35
41	Design of cost-efficient and photocatalytically active Zn-based MOFs decorated with Cu ₂ O nanoparticles for CO ₂ methanation. Chemical Communications, 2019, 55, 10932-10935.	2.2	34
42	Multifunctional behavior of molecules comprising stacked cytosine-â€“Ag ^I -â€“cytosine base pairs; towards conducting and photoluminescence silver-DNA nanowires. Chemical Science, 2019, 10, 1126-1137.	3.7	33
43	Synthesis of helical aluminium catalysts for cyclic carbonate formation. Dalton Transactions, 2019, 48, 4218-4227.	1.6	33
44	Influence of the anions on the structure and magnetic properties of a series of bis(1/4-diphenoxo)-bridged linear trinuclear copper(II) complexes: an experimental and theoretical study. Dalton Transactions, 2011, 40, 12462.	1.6	32
45	In vivo potential antidiabetic activity of a novel zinc coordination compound based on 3-carboxy-pyrazole. Journal of Inorganic Biochemistry, 2014, 131, 64-67.	1.5	32
46	Modulating Anticancer Potential by Modifying the Structural Properties of a Family of Zinc Metal-Organic Chains Based on 4-Nitro-1 <i>H</i> -pyrazole. Crystal Growth and Design, 2018, 18, 969-978.	1.4	32
47	Enhanced ferromagnetic interaction in metallacyclic complexes incorporating m-phenylenediamidato bridges.. Dalton Transactions, 2009, , 8538.	1.6	31
48	An experimental and theoretical magneto-structural study of polynuclear Ni ^{II} complexes assembled from a versatile bis(salicylaldehyde)diamine polytopic ligand. Dalton Transactions, 2015, 44, 6825-6838.	1.6	31
49	Carbodiimides as catalysts for the reduction of CO ₂ with boranes. Chemical Communications, 2018, 54, 4700-4703.	2.2	31
50	First Examples of Metal-Organic Frameworks with the Novel 3,3-â€“(1,2,4,5-Tetrazine-3,6-diyl)dibenzoic Spacer. Luminescence and Adsorption Properties. Inorganic Chemistry, 2013, 52, 546-548.	1.9	30
51	Controlling interpenetration for tuning porosity and luminescence properties of flexible MOFs based on biphenyl-4,4-â€“-dicarboxylic acid. CrystEngComm, 2016, 18, 1282-1294.	1.3	30
52	Pyridine Vapors Detection by an Optical Fibre Sensor. Sensors, 2008, 8, 847-859.	2.1	29
53	Slow relaxation of magnetization in 3D-MOFs based on dysprosium dinuclear entities bridged by dicarboxylic linkers. CrystEngComm, 2016, 18, 3055-3063.	1.3	29
54	Alkaline-earth metal based MOFs with second scale long-lasting phosphor behavior. CrystEngComm, 2018, 20, 4793-4803.	1.3	29

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55	Toward a New Type of Multifunctional Metal-Organic Systems Based on Nucleobase Analogues: First Results Derived From The Use of Aliphatic β -Dicarboxylates. <i>Crystal Growth and Design</i> , 2012, 12, 3583-3593.	1.4	28
56	Lanthanide complexes containing 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one and their therapeutic potential to fight leishmaniasis and Chagas disease. <i>Journal of Inorganic Biochemistry</i> , 2014, 138, 39-46.	1.5	28
57	Effect of π - π stacking interactions on the emission properties of cadmium metal-organic frameworks based on 1,4-bis(4-pyridyl)-2,3-diaza-1,3-butadiene. <i>CrystEngComm</i> , 2015, 17, 3659-3666.	1.3	28
58	From isolated to 2D coordination polymers based on 6-aminonicotinate and 3d-metal ions: towards field-induced single-ion-magnets. <i>CrystEngComm</i> , 2017, 19, 2229-2242.	1.3	28
59	Structural consequences of the introduction of 2,2'-bipyrimidine as auxiliary ligand in triazolopyrimidine-based transition metal complexes. In vitro antiparasitic activity. <i>Polyhedron</i> , 2012, 33, 137-144.	1.0	27
60	Ruthenium(II)-arene complexes with dibenzoylmethane induce apoptotic cell death in multiple myeloma cell lines. <i>Inorganica Chimica Acta</i> , 2017, 454, 139-148.	1.2	27
61	In vitro leishmanicidal and trypanocidal evaluation and magnetic properties of 7-amino-1,2,4-triazolo[1,5-a]pyrimidine Cu(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2018, 180, 26-32.	1.5	27
62	A Potassium Metal-Organic Framework based on Perylene-3,4,9,10-tetracarboxylate as Sensing Layer for Humidity Actuators. <i>Scientific Reports</i> , 2018, 8, 14414.	1.6	27
63	Strontium-Based MOFs Showing Dual Emission: Luminescence Thermometers and Toluene Sensors. <i>Inorganic Chemistry</i> , 2020, 59, 18432-18443.	1.9	27
64	Rational design of ferromagnetic coupled diphenoxocarboxylate triply bridged dinuclear nickel(II) complexes: orbital countercomplementarity of the bridging ligands. <i>Dalton Transactions</i> , 2012, 41, 14265.	1.6	26
65	Ring-opening copolymerisation of cyclohexene oxide and carbon dioxide catalysed by scorpionate zinc complexes. <i>Polymer Chemistry</i> , 2016, 7, 6475-6484.	1.9	26
66	Rational design of triple-bridged dinuclear Zn ^{II} -Ln ^{III} -based complexes: a structural, magnetic and luminescence study. <i>CrystEngComm</i> , 2017, 19, 256-264.	1.3	26
67	Anticancer Applications of Nanostructured Silica-Based Materials Functionalized with Titanocene Derivatives: Induction of Cell Death Mechanism through TNFR1 Modulation. <i>Materials</i> , 2018, 11, 224.	1.3	26
68	Solvent-dependent 2D-coordination polymers of Cu(I) containing a bridging triazolopyrimidine ligand. <i>Inorganica Chimica Acta</i> , 2011, 376, 674-678.	1.2	25
69	Structural and magnetic properties of three novel complexes with the versatile ligand 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one. <i>Dalton Transactions</i> , 2011, 40, 5180.	1.6	24
70	Novel 3D lanthanum oxalate metal-organic-framework: Synthetic, structural, luminescence and adsorption properties. <i>Polyhedron</i> , 2013, 52, 315-320.	1.0	24
71	Experimental and Theoretical Study of a Cadmium Coordination Polymer Based on Aminonicotinate with Second-Timescale Blue/Green Photoluminescent Emission. <i>Inorganic Chemistry</i> , 2017, 56, 3149-3152.	1.9	24
72	Multifunctional applications of a dysprosium-based metal-organic chain with single-ion magnet behaviour. <i>CrystEngComm</i> , 2016, 18, 8718-8721.	1.3	23

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73	Two mixed-ligand cadmium (ⁱⁱ) compounds bearing 5-nitrosopyrimidine and N-donor aromatic blocks: self-assembly generation, structural and topological features, DFT studies, and Hirshfeld surface analysis. <i>CrystEngComm</i> , 2016, 18, 5647-5657.	1.3	23
74	Highly Active Anti-Diabetic Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2016, 16, 537-540.	1.4	23
75	Efficient hydridoiron(II)-diketone-catalyzed hydrolysis of ammonia- or amine-boranes for hydrogen generation in air. <i>Dalton Transactions</i> , 2013, 42, 11652.	1.6	22
76	Stereoselective formation and catalytic activity of hydrido(acylphosphane)(chlorido)(pyrazole)rhodium (ⁱⁱⁱ) complexes. <i>Experimental and DFT studies. Dalton Transactions</i> , 2015, 44, 13141-13155.	1.6	22
77	Diclofenac N-Derivatives as Therapeutic Agents with Anti-Inflammatory and Anti-Cancer Effect. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5067.	1.8	22
78	[Co(1/4-ox)(Hpmtz)] - A New Coll Zig-Zag Chain Complex with the In Situ Generated Oxalate Bridging and Hpmtz Chelating Ligands (Hpmtz = 5-pyrimidyltetrazole) Exhibiting Spin-Canted Antiferromagnetism. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 203-207.	1.0	21
79	Versatile organoaluminium catalysts based on heteroscorpionate ligands for the preparation of polyesters. <i>Dalton Transactions</i> , 2018, 47, 7471-7479.	1.6	21
80	Alkaline-earth and aminonicotinate based coordination polymers with combined fluorescence/long-lasting phosphorescence and metal ion sensing response. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6997-7012.	2.7	21
81	Influence of thermally induced structural transformations on the magnetic and luminescence properties of tartrate-based chiral lanthanide organic-frameworks. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8243-8256.	2.7	21
82	Multidimensional Cyanide-Bridged Heterometallic Fe-Cu and Homometallic Cu Coordination Polymers from Solvothermal Reactions Involving either K ₃ [Fe(CN) ₆] or KCN as the Source of Cyanide Anions. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2860-2868.	1.0	20
83	Efficient Hydrosilylation of Acetophenone with a New Anthraquinonic Amide-Based Iron Precatalyst. <i>Organometallics</i> , 2016, 35, 4083-4089.	1.1	20
84	Novel anti-diabetic and luminescent coordination compounds based on vanadium. <i>New Journal of Chemistry</i> , 2016, 40, 5387-5393.	1.4	20
85	Designing Single-Ion Magnets and Phosphorescent Materials with 1-Methylimidazole-5-carboxylate and Transition-Metal Ions. <i>Inorganic Chemistry</i> , 2017, 56, 13897-13912.	1.9	20
86	Applications of Nanomaterials Based on Magnetite and Mesoporous Silica on the Selective Detection of Zinc Ion in Live Cell Imaging. <i>Nanomaterials</i> , 2018, 8, 434.	1.9	20
87	3d [~] 3d [~] 4f Chain Complexes Constructed Using the Dinuclear Metallacyclic Complex [Ni ₂ (mbpb) ₃] ²⁺ [H ₂ mbpb = 1,3-Bis(pyridine-2-carboxamide)benzene] as a Ligand: Synthesis, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 1826-1833.	1.9	19
88	New copper(II), nickel(II) and zinc(II) complexes with 1,2,4-triazolo[1,5-a]pyrimidines and the chelating ligand 1,3-propanediamine: An unexpected coordination behavior for the 7-amine-derivative. <i>Inorganica Chimica Acta</i> , 2011, 378, 194-201.	1.2	19
89	Dual investigation of lanthanide complexes with cinnamate and phenylacetate ligands: Study of the cytotoxic properties and the catalytic oxidation of styrene. <i>Polyhedron</i> , 2014, 80, 117-128.	1.0	19
90	Photoluminescence and magnetic analysis of a family of lanthanide (ⁱⁱⁱ) complexes based on diclofenac. <i>New Journal of Chemistry</i> , 2017, 41, 5467-5475.	1.4	19

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91	Design and synthesis of a family of 1D-lanthanide-coordination polymers showing luminescence and slow relaxation of the magnetization. Dalton Transactions, 2018, 47, 12783-12794.	1.6	19
92	A novel 3D cyano-bridged mixed-valence Coll/Collcanted antiferromagnet constructed from defective cubanes. Synthesis, X-ray structure and magnetic properties. Dalton Transactions, 2007, , 2145-2149.	1.6	18
93	Heterometallic Oximate-bridged Linear Trinuclear Ni ^{II} M ^{III} Ni ^{II} (M ^{III} = Mn, Fe, Tb) Complexes Constructed with the <i>fac</i> -[Ni(HL) ₃] ⁺ Metalloligand (H ₂ L = pyrimidine-2-carboxamide oxime): A 1.0 Theoretical and Experimental Magneto-Structural Study. European Journal of Inorganic Chemistry, 2011, 2011, 5225-5232.	1.8	18
94	Self-assembly synthesis, structure, topology, and magnetic properties of a mononuclear Fe(^{III})-violurate derivative: a combined experimental and theoretical study. Dalton Transactions, 2016, 45, 16166-16172.	1.6	18
95	Suzuki-Miyaura C-C Coupling Reactions Catalyzed by Supported Pd Nanoparticles for the Preparation of Fluorinated Biphenyl Derivatives. Catalysts, 2017, 7, 76.	1.6	18
96	Development of polymeric sensing films based on a tridentate bis(phosphinic amide)-phosphine oxide for detecting europium(III) in water. Dalton Transactions, 2012, 41, 6735.	1.6	17
97	Insights on the binding ability of a new adenine analog: 7-amine-1,2,4-triazolo[1,5-a]pyrimidine. Synthesis and magnetic study of the first copper(^I) complexes. Dalton Transactions, 2012, 41, 1755-1764.	1.6	17
98	Hydrido{(acylphosphine)(diphenylphosphinous acid)}rhodium(III) Complexes. Catalysts for the Homogeneous Hydrolysis of Ammonia- or Amine-Boranes under Air. Organometallics, 2014, 33, 6044-6052.	1.1	17
99	Long lifetime photoluminescence emission of 3D cadmium metal-organic frameworks based on the 5-(4-pyridyl)tetrazole ligand. Inorganica Chimica Acta, 2015, 427, 131-137.	1.2	17
100	New selective thiolate gold(I) complexes inhibit the proliferation of different human cancer cells and induce apoptosis in primary cultures of mouse colon tumors. Dalton Transactions, 2020, 49, 1915-1927.	1.6	17
101	Anion encapsulation promoted by anion-π interactions in rationally designed hexanuclear antiferromagnetic wheels: synthesis, structure and magnetic properties. CrystEngComm, 2009, 11, 2054.	1.3	16
102	Dinuclear Coordination Compounds Based on a 5-Nitropicolinic Carboxylate Ligand with Single-Molecule Magnet Behavior. Inorganic Chemistry, 2017, 56, 8768-8775.	1.9	16
103	Antiparasitic activity against trypanosomatid diseases and novel metal complexes derived from the first time characterized 5-phenyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one. Journal of Inorganic Biochemistry, 2017, 175, 217-224.	1.5	16
104	A double basic Sr-amino containing MOF as a highly stable heterogeneous catalyst. Dalton Transactions, 2019, 48, 11556-11564.	1.6	16
105	High antiparasitic activity of silver complexes of 5,7-dimethyl-1,2,4-triazolo[1,5-a]pyrimidine. Journal of Inorganic Biochemistry, 2019, 201, 110810.	1.5	16
106	Synthesis, structure, magnetic properties and DFT calculations of novel bis-(5-tetrazolyl)amine copper(II) complexes. Inorganica Chimica Acta, 2012, 385, 73-80.	1.2	15
107	Tuning the porosity through interpenetration of azobenzene-4,4'-dicarboxylate-based metal-organic frameworks. CrystEngComm, 2015, 17, 7636-7645.	1.3	15
108	Copper-functionalized nanostructured silica-based systems: Study of the antimicrobial applications and ROS generation against gram positive and gram negative bacteria. Journal of Inorganic Biochemistry, 2020, 203, 110912.	1.5	15

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109	In vitro leishmanicidal activity of copper (II) 5,7-dimethyl-1,2,4-triazolo[1,5-a]pyrimidine complex and analogous transition metal series. <i>Polyhedron</i> , 2020, 176, 114272.	1.0	15
110	From Remote Alkenes to Linear Silanes or Allylsilanes depending on the Metal Center. <i>ChemCatChem</i> , 2018, 10, 2210-2213.	1.8	14
111	In vitro study of the protective effect of manganese against vanadium-mediated nuclear and mitochondrial DNA damage. <i>Food and Chemical Toxicology</i> , 2020, 135, 110900.	1.8	14
112	Role of Folic Acid in the Therapeutic Action of Nanostructured Porous Silica Functionalized with Organotin(IV) Compounds against Different Cancer Cell Lines. <i>Pharmaceutics</i> , 2020, 12, 512.	2.0	14
113	Magnetic and Photoluminescent Sensors Based on Metal-Organic Frameworks Built up from 2-aminoisonicotinate. <i>Scientific Reports</i> , 2020, 10, 8843.	1.6	14
114	A tris-imidazolecarboxyaldehyde copper(ii) complex with unusual carbonyl co-ordination: structure and reactivity. <i>Dalton Transactions RSC</i> , 2002, , 561-565.	2.3	13
115	Crystal structure and magnetic properties of $[Cu(cyclam)]_3[Fe(CN)_6]_2 \cdot 6H_2O$, a cyano-bridged assembly with a rope-ladder chain structure. <i>Polyhedron</i> , 2007, 26, 2859-2863.	1.0	13
116	A study of the second coordination sphere in 8-azaxanthinato salts of divalent metal aquacomplexes. <i>Inorganica Chimica Acta</i> , 2009, 362, 1553-1558.	1.2	13
117	Synthesis, structures and luminescence properties of two new Zn(II) coordination compounds incorporating the 5-(4-pyridyl)tetrazolate spacer ligand. <i>Inorganica Chimica Acta</i> , 2010, 363, 3194-3199.	1.2	13
118	Novel metal-organic frameworks based on 5-bromonicotinic acid: Multifunctional materials with H ₂ purification capabilities. <i>CrystEngComm</i> , 2012, 14, 6390.	1.3	13
119	The effect of the disposition of coordinated oxygen atoms on the magnitude of the energy barrier for magnetization reversal in a family of linear trinuclear Zn-Dy-Zn complexes with a square-antiprism DyO ₈ coordination sphere. <i>Dalton Transactions</i> , 2017, 46, 4278-4286.	1.6	13
120	A new anthraquinoid ligand for the iron-catalyzed hydrosilylation of carbonyl compounds at room temperature: new insights and kinetics. <i>Dalton Transactions</i> , 2018, 47, 7272-7281.	1.6	13
121	Hydrosilylation of Carbonyl Compounds Catalyzed through a Lithiated Hydrazone Derivative. <i>Organometallics</i> , 2018, 37, 2682-2689.	1.1	13
122	Modulation of pore shape and adsorption selectivity by ligand functionalization in a series of α -robust-like flexible metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17409-17416.	5.2	13
123	Anticancer Activity of Alkynylgold(I) with P(NMe ₂) ₃ Phosphane in Mouse Colon Tumors and Human Colon Carcinoma Caco-2 Cell Line. <i>Inorganic Chemistry</i> , 2019, 58, 15536-15551.	1.9	13
124	Effect of the change of the ancillary carboxylate bridging ligand on the SMM and luminescence properties of a series of carboxylate-diphenoxido triply bridged dinuclear ZnLn and tetranuclear Zn ₂ Ln ₂ complexes (Ln = Dy, Er). <i>Dalton Transactions</i> , 2019, 48, 190-201.	1.6	13
125	Double and triple stranded mesocates containing the bis(bidentate) bridging ligand 1,3-bis(pyridine-2-carboxamide)benzene. Structure, properties and DNA interaction. <i>New Journal of Chemistry</i> , 2009, 33, 1901.	1.4	12
126	Supramolecular interactions through lone pair(lp)- π and hydrogen bonding in cobalt(III) and manganese(II) derivatives of N,N ² -dimethylviolic acid: A combined experimental and theoretical study. <i>Inorganica Chimica Acta</i> , 2015, 435, 178-186.	1.2	12

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127	Chiral coordination polymers based on d ¹⁰ metals and 2-aminonicotinate with blue fluorescent/green phosphorescent anisotropic emissions. Dalton Transactions, 2018, 47, 8746-8754.	1.6	12
128	Mono- and Dinuclear Asymmetric Aluminum Guanidates for the Catalytic CO ₂ Fixation into Cyclic Carbonates. Organometallics, 2021, 40, 2859-2869.	1.1	12
129	On the Reactivity of Dihydroirida ^{IV} -diketones with 2-Aminopyridines. Formation of Acylhydrido Complexes with New PCN Terdentate Ligands. Organometallics, 2015, 34, 348-354.	1.1	11
130	Towards a potential 4,4'-((1,2,4,5-tetrazine-3,6-diyl) dibenzoic spacer to construct metal-organic frameworks. New Journal of Chemistry, 2015, 39, 6453-6458.	1.4	11
131	Insertion reactions of small unsaturated molecules in the N-B bonds of boron guanidates. Dalton Transactions, 2017, 46, 10281-10299.	1.6	11
132	2-Aminopyrimidinium Decavanadate: Experimental and Theoretical Characterization, Molecular Docking, and Potential Antineoplastic Activity. Inorganics, 2021, 9, 67.	1.2	11
133	A novel yttrium-based metal-organic framework for the efficient solvent-free catalytic synthesis of cyanohydrin silyl ethers. Dalton Transactions, 2021, 50, 11720-11724.	1.6	11
134	Antiparasitic, anti-inflammatory and cytotoxic activities of 2D coordination polymers based on 1H-indazole-5-carboxylic acid. Journal of Inorganic Biochemistry, 2020, 208, 111098.	1.5	11
135	Polyacrylic acid polymer brushes as substrates for the incorporation of anthraquinone derivatives. Unprecedented application of decorated polymer brushes on organocatalysis. Applied Surface Science, 2018, 428, 566-578.	3.1	10
136	Zinc/itaconate coordination polymers as first examples with long-lasting phosphorescence based on acyclic ligands. Journal of Materials Chemistry C, 2018, 6, 10870-10880.	2.7	10
137	Anti-cancer and anti-inflammatory activities of a new family of coordination compounds based on divalent transition metal ions and indazole-3-carboxylic acid. Journal of Inorganic Biochemistry, 2021, 215, 111308.	1.5	10
138	Magneto-structural correlations of cyclo-tetranadates functionalized with mixed-ligand copper(II) complexes. New Journal of Chemistry, 2021, 45, 5081-5092.	1.4	10
139	An enantiomeric pair of alkaline-earth metal based coordination polymers showing room temperature phosphorescence and circularly polarized luminescence. Journal of Materials Chemistry C, 2021, 9, 5544-5553.	2.7	10
140	A novel Zn-based-MOF for efficient CO ₂ adsorption and conversion under mild conditions. Catalysis Today, 2022, 390-391, 230-236.	2.2	10
141	Cation-anion interactions via hydrogen bonding; synthesis, characterization and single crystal X-ray structure of [Cu(phen) ₃](1,3-benzenedisulphonate)·7H ₂ O. Journal of Molecular Structure, 2014, 1071, 11-17.	1.8	9
142	Modulating structural dimensionality of cadmium(II) coordination polymers by means of pyrazole, tetrazole and pyrimidine derivative ligands. Journal of Molecular Structure, 2015, 1089, 135-145.	1.8	9
143	Luminescence and Magnetic Properties of Two Three-Dimensional Terbium and Dysprosium MOFs Based on Azobenzene-4,4'-Dicarboxylic Linker. Polymers, 2016, 8, 39.	2.0	9
144	Dialkylboron guanidates: syntheses, structures and carbodiimide de-insertion reactions. Dalton Transactions, 2016, 45, 15350-15363.	1.6	9

#	ARTICLE	IF	CITATIONS
145	Interpenetrated Luminescent Metal-Organic Frameworks based on 1 <i>H</i> -Indazole-5-carboxylic Acid. <i>Crystal Growth and Design</i> , 2020, 20, 4550-4560.	1.4	9
146	A new 2D cadmium chloride network with 2-aminopyrimidine displaying long lifetime photoluminescence emission. <i>Polyhedron</i> , 2011, 30, 1295-1298.	1.0	8
147	Unique Metal-Organic-Framework with based on 4 ² -tetrazolate-4-biphenyl carboxylate spacer: Blue-green photoluminescence. <i>Polyhedron</i> , 2014, 80, 228-232.	1.0	8
148	Novel and Versatile Cobalt Azobenzene-Based Metal-Organic Framework as Hydrogen Adsorbent. <i>ChemPhysChem</i> , 2019, 20, 1334-1339.	1.0	8
149	Modulating Magnetic and Photoluminescence Properties in 2-Aminonicotinate-Based Bifunctional Coordination Polymers by Merging 3d Metal Ions. <i>Chemistry - A European Journal</i> , 2020, 26, 13484-13498.	1.7	8
150	2D-Coordination polymers based on 1 <i>H</i> -indazole-4-carboxylic acid and transition metal ions: magnetic, luminescence and biological properties. <i>CrystEngComm</i> , 2020, 22, 5086-5095.	1.3	8
151	Designing Single-Molecule Magnets as Drugs with Dual Anti-Inflammatory and Anti-Diabetic Effects. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3146.	1.8	8
152	Cyclometallated gold(III) complexes against colon cancer. X-ray structure of [Au(C,NPhenylpyridine)(OAc) ₂]. <i>Journal of Organometallic Chemistry</i> , 2020, 920, 121340.	0.8	8
153	Single-Ion Magnet and Photoluminescence Properties of Lanthanide(III) Coordination Polymers Based on Pyrimidine-4,6-Dicarboxylate. <i>Magnetochemistry</i> , 2021, 7, 8.	1.0	8
154	Iridium and Rhodium Complexes with the Hemilabile Ligand [2-(1,3-dioxolane-2-yl)phenyl]diphenylphosphane: Behaviour in Solution and Structural Characterization. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1225-1235.	1.0	7
155	Binding of arylsulphonates by cationic cobalt(III) complex: Syntheses, characterization and single crystal structure determination of [Co(phen) ₂ CO ₃](arylsulphonate) _n ·nH ₂ O. <i>Journal of Molecular Structure</i> , 2013, 1033, 208-214.	1.8	7
156	A pentacoordinated norbornenyl-acyl-rhodium(III) complex as a likely intermediate in the catalytic hydroacylation of norbornadiene. <i>Dalton Transactions</i> , 2016, 45, 18502-18509.	1.6	7
157	Alkene-alkyl interconversion: an experimental and computational study of the olefin insertion and β -hydride elimination processes. <i>Dalton Transactions</i> , 2018, 47, 6808-6818.	1.6	7
158	Slow relaxation of magnetization and luminescence properties of a novel dysprosium and pyrene-1,3,6,8-tetrakisulfonate based MOF. <i>New Journal of Chemistry</i> , 2018, 42, 832-837.	1.4	7
159	Squaramide-Based Pt(II) Complexes as Potential Oxygen-Regulated Light-Triggered Photocages. <i>Inorganic Chemistry</i> , 2018, 57, 15517-15525.	1.9	7
160	Multifunctional coordination compounds based on lanthanide ions and 5-bromonicotinic acid: magnetic, luminescence and anti-cancer properties. <i>CrystEngComm</i> , 2019, 21, 3881-3890.	1.3	7
161	A phosphine-stabilized silylene rhodium complex. <i>Dalton Transactions</i> , 2019, 48, 17179-17183.	1.6	7
162	In vitro evaluation of leishmanicidal properties of a new family of monodimensional coordination polymers based on diclofenac ligand. <i>Polyhedron</i> , 2020, 184, 114570.	1.0	7

#	ARTICLE	IF	CITATIONS
163	Poly[μ -1,2,4-triazolato- μ -2-pyrimidine-2-carboxylato-dimanganese(II)]. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m618-m618.	0.2	7
164	[Re ₂ (μ -1,2,4-triazolato) ₂ (μ -OH)(CO) ₆] ⁺ : a novel metalloligand for the construction of flexible porous coordination networks. Dalton Transactions, 2008, , 1825.	1.6	6
165	Possibilities with 2-pyrimidinecarbonitrile to design MOFs. Polyhedron, 2014, 80, 173-179.	1.0	6
166	Bidimensional cadmium metal-organic frameworks based on 1,3-bis(4-pyridyl)propane displaying long lifetime photoluminescence emission. Polyhedron, 2015, 91, 47-51.	1.0	6
167	Acyliridium(III) Complexes with PCN Terdentate Ligands Including Imino or Iminium Acyl Moieties or Formation of Hydrido from Hydroxyl. European Journal of Inorganic Chemistry, 2016, 2016, 1790-1797.	1.0	6
168	Simple ZnEt ₂ as a catalyst in carbodiimide hydroalkynylation: structural and mechanistic studies. Dalton Transactions, 2017, 46, 12923-12934.	1.6	6
169	Secondary Oxide Phosphines to Promote Tandem Acyl-Alkyl Coupling/Hydrogen Transfer to Afford (Hydroxyalkyl)rhodium Complexes. Theoretical and Experimental Studies. Inorganic Chemistry, 2018, 57, 5307-5319.	1.9	6
170	Exploring potentialities and limitations of stapled oligo(phenyleneethynylene)s (OPEs) as efficient circularly polarized luminescence emitters. Chirality, 2018, 30, 43-54.	1.3	6
171	Selective Three-Component Coupling for CO ₂ Chemical Fixation to Boron Guanidinato Compounds. Inorganic Chemistry, 2018, 57, 8404-8413.	1.9	6
172	Anti-diabetic and anti-parasitic properties of a family of luminescent zinc coordination compounds based on the 7-amino-5-methyl-1,2,4-triazolo[1,5-a]pyrimidine ligand. Journal of Inorganic Biochemistry, 2020, 212, 111235.	1.5	6
173	Rational design of an unusual 2D-MOF based on Cu and 4-hydroxypyrimidine-5-carbonitrile as linker with conductive capabilities: a theoretical approach based on high-pressure XRD. Chemical Communications, 2020, 56, 9473-9476.	2.2	6
174	Synthesis, Structural Features, and Hydrogen Adsorption Properties of Three New Flexible Sulfur-Containing Metal-Organic Frameworks. Crystal Growth and Design, 2020, 20, 6707-6714.	1.4	6
175	Dilution effect on the slow relaxation of a luminescent dysprosium Metal-Organic Framework based on 2,5-dihydroxyterephthalic acid. Inorganica Chimica Acta, 2020, 509, 119687.	1.2	6
176	Selective cytotoxicity of cyclometalated gold(III) complexes on Caco-2 cells is mediated by G2/M cell cycle arrest. Metallomics, 2021, 13, .	1.0	6
177	A gliclazide complex based on palladium towards Alzheimer's disease: promising protective activity against A β -induced toxicity in <i>C. elegans</i> . Chemical Communications, 2022, 58, 1514-1517.	2.2	6
178	Catalytic Performance and Electrophoretic Behavior of an Yttrium-Organic Framework Based on a Tricarboxylic Asymmetric Alkyne. Inorganic Chemistry, 2022, 61, 1377-1384.	1.9	6
179	A metal-organic framework based on Co(II) and 3-aminoisonicotinate showing specific and reversible colourimetric response to solvent exchange with variable magnet behaviour. Materials Today Chemistry, 2022, 24, 100794.	1.7	6
180	The first oxalate-based 2D coordination polymer containing the biomimetic ligand 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7-one. Inorganic Chemistry Communication, 2012, 19, 36-38.	1.8	5

#	ARTICLE	IF	CITATIONS
181	Magnetic and Luminescent Properties of Isostructural 2D Coordination Polymers Based on 2-Pyrimidinecarboxylate and Lanthanide Ions. <i>Crystals</i> , 2020, 10, 571.	1.0	5
182	Photoluminescent Coordination Polymers Based on Group 12 Metals and 1H-Indazole-6-Carboxylic Acid. <i>Inorganics</i> , 2021, 9, 20.	1.2	5
183	Towards correlating dimensionality and topology in luminescent MOFs based on terephthalato and bispyridyl-like ligands. <i>Dalton Transactions</i> , 2021, 50, 9269-9282.	1.6	5
184	Combined experimental and theoretical investigation on the magnetic properties derived from the coordination of 6-methyl-2-oxonicotinate to 3d-metal ions. <i>Dalton Transactions</i> , 2022, 51, 9780-9792.	1.6	5
185	Bis(cyanato- λ^2 -N)bis(5,7-dimethyl-1,2,4-triazolo[1,5-a]pyrimidine- λ^3 -N3)zinc. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m345-m345.	0.2	4
186	Acyl(furfurylamine)iridium(III) complexes from irida- λ^2 -diketones. Characterisation and catalytic activity in amine-borane hydrolysis. <i>Inorganica Chimica Acta</i> , 2019, 498, 119165.	1.2	4
187	Unusual ligand rearrangement: from λ^1 -phosphinoguanidinato to phosphinimine-amidinato compounds. <i>Chemical Communications</i> , 2019, 55, 2809-2812.	2.2	4
188	Study of the Coordination Modes of Hybrid NNCp Cyclopentadienyl/Scorpionate Ligands in Ir Compounds. <i>Inorganic Chemistry</i> , 2019, 58, 900-908.	1.9	4
189	5-Aminopyridine-2-carboxylic acid as appropriate ligand for constructing coordination polymers with luminescence, slow magnetic relaxation and anti-cancer properties. <i>Journal of Inorganic Biochemistry</i> , 2020, 207, 111051.	1.5	4
190	Experimental and DFT studies on Hexacoordinated acyl(alkyl)and Pentacoordinated Hydroxyalkyl(phosphinite)erhodium(III). Catalytic Hydrolysis of Ammonia Borane. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 879-891.	1.0	4
191	Synthesis, Structural Features and Physical Properties of a Family of Triply Bridged Dinuclear 3d-4f Complexes. <i>Magnetochemistry</i> , 2021, 7, 22.	1.0	4
192	(Diphenylphosphino)alkylaldehyde affords hydride- or alkyl-[(diphenylphosphino)alkylacyl]rhodium(III) or (diphenylphosphino)alkylester complexes: theoretical and experimental diastereoselectivity. <i>Dalton Transactions</i> , 2019, 48, 3300-3313.	1.6	4
193	Versatile binding behaviour of 4,6-dimethyl-1,2,3-triazolo[4,5-d]-pyrimidin-5,7-dionato in the presence of bipyrimidine. <i>Supramolecular H-bond architectures. Dalton Transactions</i> , 2009, , 10311.	1.6	3
194	Influence of carboxylate counter anions on the cationic framework of 1,10-phenanthroline cobalt(III) complexes: Syntheses, characterization and single crystal structure determination of [Co(phen) ₂ CO ₃] _x .nH ₂ O complexes. <i>Polyhedron</i> , 2012, 47, 173-181.	1.0	3
195	On the Reactivity of Platina- λ^2 -diketone and Acetylplatinum(II) Complexes toward 2-(Diphenylphosphanyl)benzaldehyde and Its Dioxolane Derivative. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5418-5427.	1.0	3
196	DPDS \rightarrow DPS in situ transformation at room temperature via a 1,2-nucleophilic addition mechanism. <i>CrystEngComm</i> , 2014, 16, 8322-8326.	1.3	3
197	2D-cadmium MOF and gismondine-like zinc coordination network based on the N-(2-tetrazolethyl)-4- β -glycine linker. <i>New Journal of Chemistry</i> , 2015, 39, 3982-3986.	1.4	3
198	Optimization of Cost-Effective and Reproducible Flexible Humidity Sensors Based on Metal-Organic Frameworks. <i>Sensors</i> , 2020, 20, 6981.	2.1	3

#	ARTICLE	IF	CITATIONS
199	Tuning the Cytotoxicity of Bis-Phosphino-Amines Ruthenium(II) Para-Cymene Complexes for Clinical Development in Breast Cancer. <i>Pharmaceutics</i> , 2021, 13, 1559.	2.0	3
200	A Mixed Heterobimetallic Y/Eu-MOF for the Cyanosilylation and Hydroboration of Carbonyls. <i>Catalysts</i> , 2022, 12, 299.	1.6	3
201	Lanthanide(III) Based Complexes Containing 5,7-Dimethyl-1,2,4-triazolo[1,5-a]pyrimidine as Long-Lived Photoluminescent Antiparasitic Agents. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 308-317.	1.0	2
202	Two Isostructural URJC-4 Materials: From Hydrogen Physisorption to Heterogeneous Reductive Amination through Hydrogen Molecule Activation at Low Pressure. <i>Inorganic Chemistry</i> , 2020, 59, 15733-15740.	1.9	2
203	Reactivity of N-Phosphinoguanidines of the Formula (HNR)(Ph ₂ PNR)C(NAr) toward Main Group Metal Alkyls: Facile Ligand Rearrangement from N-Phosphinoguanidines to Phosphinimine-Amidines. <i>Inorganic Chemistry</i> , 2020, 59, 15262-15275.	1.9	2
204	Tris(2-Pyridylmethylamine)V(O) ₂ Complexes as Counter Ions of Diprotonated Decavanadate Anion: Potential Antineoplastic Activity. <i>Frontiers in Chemistry</i> , 2022, 10, 830511.	1.8	2
205	Through-space hopping transport in an iodine-doped perylene-based metal-organic framework. <i>Molecular Systems Design and Engineering</i> , 2022, 7, 1065-1072.	1.7	2
206	Bis(7-amino-1,2,4-triazolo[1,5-a]pyrimidin-4-ium) bis(oxalato- μ -2O1,O2)cuprate(II) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1531-m1532.	0.2	1
207	Photoluminescence of the first examples of metal-organic frameworks with two novel tetrazolatephenyl acetic acid derivatives: an experimental and theoretical study. <i>CrystEngComm</i> , 2014, 16, 10492-10496.	1.3	1
208	Experimental and theoretical study of photoluminescence and magnetic properties of metal-organic polymers based on squarate and tetrazolate moieties containing linkers. <i>New Journal of Chemistry</i> , 2015, 39, 9926-9930.	1.4	1
209	Irida- η^2 -ketoimines Derived from Hydrazines To Afford Metallapyrazoles or N-N Bond Cleavage: A Missing Metallacycle Disclosed by a Theoretical and Experimental Study. <i>Inorganic Chemistry</i> , 2016, 55, 10284-10293.	1.9	1
210	Covalent immobilization of dysprosium-based metal-organic chains on silicon-based polymer brush surfaces. <i>New Journal of Chemistry</i> , 2017, 41, 7007-7011.	1.4	1
211	Synthesis and In Vitro Studies of Photoactivatable Semisquaraine-type Pt(II) Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 7729-7745.	1.9	1
212	Correction to α -Combining Polycarboxylate and Bipyridyl-like Ligands in the Design of Luminescent Zinc and Cadmium Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2019, 19, 6823-6823.	1.4	0
213	Photoluminescence and in vitro cytotoxicity analysis in a novel mononuclear Zn(II) coordination compound based on bumetanide. <i>Inorganica Chimica Acta</i> , 2020, 509, 119708.	1.2	0
214	Exploring the Slow Magnetic Relaxation of a Family of Photoluminescent 3D Lanthanide-Organic Frameworks Based on Dicarboxylate Ligands. <i>Magnetochemistry</i> , 2021, 7, 41.	1.0	0
215	Biosensing Using MOFs. , 2021, , 457-499.		0
216	Selectivity of Relative Humidity Using a CP Based on S-Block Metal Ions. <i>Sensors</i> , 2022, 22, 1664.	2.1	0

#	ARTICLE	IF	CITATIONS
217	Sensing Capacity in Dysprosium Metal-Organic Frameworks Based on 5-Aminoisophthalic Acid Ligand. <i>Sensors</i> , 2022, 22, 3392.	2.1	0
218	Closing the loop in the synthesis of heteroscorpionate-based aluminium helicates: catalytic studies for cyclic carbonate synthesis. <i>Dalton Transactions</i> , 0, , .	1.6	0