

Javier Cepeda

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.

82

papers

1,379

citations

24

h-index

33

g-index

92

ext. papers

1,591

ext. citations

4.7

avg, IF

4.61

L-index

#	Paper	IF	Citations
82	Catalytic Performance and Electrophoretic Behavior of an Yttrium-Organic Framework Based on a Tricarboxylic Asymmetric Alkyne.. <i>Inorganic Chemistry</i> , 2022 , 61, 1377-1384	5.1	2
81	A metal-organic framework based on Co(II) and 3-aminoisonicotinate showing specific and reversible colourimetric response to solvent exchange with variable magnet behaviour. <i>Materials Today Chemistry</i> , 2022 , 24, 100794	6.2	1
80	Photoluminescent Coordination Polymers Based on Group 12 Metals and 1H-Indazole-6-Carboxylic Acid. <i>Inorganics</i> , 2021 , 9, 20	2.9	2
79	Exploring the Slow Magnetic Relaxation of a Family of Photoluminescent 3D Lanthanide-Organic Frameworks Based on Dicarboxylate Ligands. <i>Magnetochemistry</i> , 2021 , 7, 41	3.1	
78	Anti-cancer and anti-inflammatory activities of a new family of coordination compounds based on divalent transition metal ions and indazole-3-carboxylic acid. <i>Journal of Inorganic Biochemistry</i> , 2021 , 215, 111308	4.2	3
77	Magneto-structural correlations of cyclo-tetranavanadates functionalized with mixed-ligand copper(II) complexes. <i>New Journal of Chemistry</i> , 2021 , 45, 5081-5092	3.6	6
76	An enantiomeric pair of alkaline-earth metal based coordination polymers showing room temperature phosphorescence and circularly polarized luminescence. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 5544-5553	7.1	3
75	A novel yttrium-based metal-organic framework for the efficient solvent-free catalytic synthesis of cyanohydrin silyl ethers. <i>Dalton Transactions</i> , 2021 , 50, 11720-11724	4.3	5
74	Biosensing Using MOFs 2021 , 457-499		
73	Single-Ion Magnet and Photoluminescence Properties of Lanthanide(III) Coordination Polymers Based on Pyrimidine-4,6-Dicarboxylate. <i>Magnetochemistry</i> , 2021 , 7, 8	3.1	1
72	Towards correlating dimensionality and topology in luminescent MOFs based on terephthalato and bispyridyl-like ligands. <i>Dalton Transactions</i> , 2021 , 50, 9269-9282	4.3	0
71	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	7.1	10
70	Designing Single-Molecule Magnets as Drugs with Dual Anti-Inflammatory and Anti-Diabetic Effects. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
69	Interpenetrated Luminescent Metal-Organic Frameworks based on 1H-Indazole-5-carboxylic Acid. <i>Crystal Growth and Design</i> , 2020 , 20, 4550-4560	3.5	4
68	Magnetic and Photoluminescent Sensors Based on Metal-Organic Frameworks Built up From 2-aminoisonicotinate. <i>Scientific Reports</i> , 2020 , 10, 8843	4.9	7
67	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	2.7	
66	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	4.2	1

65	Dilution effect on the slow relaxation of a luminescent dysprosium Metal-Organic Framework based on 2,5-dihydroxyterephthalic acid. <i>Inorganica Chimica Acta</i> , 2020 , 509, 119687	2.7	3
64	Antiparasitic, anti-inflammatory and cytotoxic activities of 2D coordination polymers based on 1H-indazole-5-carboxylic acid. <i>Journal of Inorganic Biochemistry</i> , 2020 , 208, 111098	4.2	6
63	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	2.3	0
62	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. <i>Journal of Inorganic Biochemistry</i> , 2020 , 212, 111235	4.2	3
61	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	4.8	5
60	Rational design of an unusual 2D-MOF based on Cu(i) and 4-hydroxypyrimidine-5-carbonitrile as linker with conductive capabilities: a theoretical approach based on high-pressure XRD. <i>Chemical Communications</i> , 2020 , 56, 9473-9476	5.8	4
59	Strontium-Based MOFs Showing Dual Emission: Luminescence Thermometers and Toluene Sensors. <i>Inorganic Chemistry</i> , 2020 , 59, 18432-18443	5.1	9
58	An Ideal Spin Filter: Long-Range, High-Spin Selectivity in Chiral Helicoidal 3-Dimensional Metal Organic Frameworks. <i>Nano Letters</i> , 2020 , 20, 8476-8482	11.5	11
57	2D-Coordination polymers based on 1H-indazole-4-carboxylic acid and transition metal ions: magnetic, luminescence and biological properties. <i>CrystEngComm</i> , 2020 , 22, 5086-5095	3.3	4
56	Magnetic and Luminescent Properties of Isostructural 2D Coordination Polymers Based on 2-Pyrimidinecarboxylate and Lanthanide Ions. <i>Crystals</i> , 2020 , 10, 571	2.3	3
55	Enantiospecific Response in Cross-Polarization Solid-State Nuclear Magnetic Resonance of Optically Active Metal Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17989-17996	16.4	4
54	In vitro evaluation of leishmanicidal properties of a new family of monodimensional coordination polymers based on diclofenac ligand. <i>Polyhedron</i> , 2020 , 184, 114570	2.7	3
53	Multifunctional coordination compounds based on lanthanide ions and 5-bromonicotinic acid: magnetic, luminescence and anti-cancer properties. <i>CrystEngComm</i> , 2019 , 21, 3881-3890	3.3	7
52	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	7.1	13
51	Supramolecular architectures of metal-oxalato coordination polymers bearing N-tethered adenine nucleobases. <i>Polyhedron</i> , 2019 , 171, 53-64	2.7	
50	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 ZnLn complexes (Ln = Dy, Er). <i>Dalton Transactions</i> , 2018 , 48, 190-201	4.3	7
49	Efficient CO ₂ adsorption by Cu(II) acetate and itaconate bioproduct based MOF. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 2910-2917	6.8	6
48	Coordination Polymers with Intriguing Photoluminescence Behavior: The Promising Avenue for Greatest Long-Lasting Phosphors. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2155-2174	2.3	26

47	Alkaline-earth metal based MOFs with second scale long-lasting phosphor behavior. <i>CrystEngComm</i> , 2018 , 20, 4793-4803	3.3	14
46	Modulation of pore shape and adsorption selectivity by ligand functionalization in a series of Boblike flexible metalorganic frameworks. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 17409-17416	13	10
45	Chiral coordination polymers based on d metals and 2-aminonicotinate with blue fluorescent/green phosphorescent anisotropic emissions. <i>Dalton Transactions</i> , 2018 , 47, 8746-8754	4.3	11
44	Modulating Anticancer Potential by Modifying the Structural Properties of a Family of Zinc MetalOrganic Chains Based on 4-Nitro-1H-pyrazole. <i>Crystal Growth and Design</i> , 2018 , 18, 969-978	3.5	27
43	Slow relaxation of magnetization and luminescence properties of a novel dysprosium and pyrene-1,3,6,8-tetrasulfonate based MOF. <i>New Journal of Chemistry</i> , 2018 , 42, 832-837	3.6	6
42	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	4.9	16
41	Zinc/itaconate coordination polymers as first examples with long-lasting phosphorescence based on acyclic ligands. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10870-10880	7.1	7
40	Design and synthesis of a family of 1D-lanthanide-coordination polymers showing luminescence and slow relaxation of the magnetization. <i>Dalton Transactions</i> , 2018 , 47, 12783-12794	4.3	17
39	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	5.1	20
38	Photoluminescence and magnetic analysis of a family of lanthanide(III) complexes based on diclofenac. <i>New Journal of Chemistry</i> , 2017 , 41, 5467-5475	3.6	18
37	Combining Polycarboxylate and Bipyridyl-like Ligands in the Design of Luminescent Zinc and Cadmium Based MetalOrganic Frameworks. <i>Crystal Growth and Design</i> , 2017 , 17, 3893-3906	3.5	38
36	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	3.3	23
35	Rational design of triple-bridged dinuclear ZnIIInIII-based complexes: a structural, magnetic and luminescence study. <i>CrystEngComm</i> , 2017 , 19, 256-264	3.3	17
34	Structural diversity of coordination compounds derived from double-chelating and planar diazinedicarboxylate ligands. <i>Coordination Chemistry Reviews</i> , 2017 , 352, 83-107	23.2	10
33	Designing Single-Ion Magnets and Phosphorescent Materials with 1-Methylimidazole-5-carboxylate and Transition-Metal Ions. <i>Inorganic Chemistry</i> , 2017 , 56, 13897-13912	5.1	16
32	A Zn based coordination polymer exhibiting long-lasting phosphorescence. <i>Chemical Communications</i> , 2016 , 52, 8671-4	5.8	32
31	Slow relaxation of magnetization in 3D-MOFs based on dysprosium dinuclear entities bridged by dicarboxylic linkers. <i>CrystEngComm</i> , 2016 , 18, 3055-3063	3.3	24
30	Controlling interpenetration for tuning porosity and luminescence properties of flexible MOFs based on biphenyl-4,4'-dicarboxylic acid. <i>CrystEngComm</i> , 2016 , 18, 1282-1294	3.3	25

29	Scandium/Alkaline Metal Organic Frameworks: Adsorptive Properties and Ionic Conductivity. <i>Chemistry of Materials</i> , 2016 , 28, 2519-2528	9.6	61
28	Tuning the luminescence performance of metal organic frameworks based on d10 metal ions: from an inherent versatile behaviour to their response to external stimuli. <i>CrystEngComm</i> , 2016 , 18, 8556-8573	3.3	62
27	Designing Multifunctional 5-Cyanoisophthalate-Based Coordination Polymers as Single-Molecule Magnets, Adsorbents, and Luminescent Materials. <i>Inorganic Chemistry</i> , 2016 , 55, 11230-11248	5.1	45
26	Exploiting Synthetic Conditions to Promote Structural Diversity within the Scandium(III)/Pyrimidine-4,6-dicarboxylate System. <i>Crystal Growth and Design</i> , 2015 , 15, 2352-2363	3.5	29
25	Enhancing luminescence properties of lanthanide(III)/pyrimidine-4,6-dicarboxylate system by solvent-free approach. <i>Dalton Transactions</i> , 2015 , 44, 6972-86	4.3	26
24	Photoluminescence Tuning and Water Detection of Yttrium Diazinedicarboxylate Materials through Lanthanide Doping. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2650-2663	2.3	11
23	Tuning the porosity through interpenetration of azobenzene-4,4'-dicarboxylate-based metal organic frameworks. <i>CrystEngComm</i> , 2015 , 17, 7636-7645	3.3	14
22	Photoluminescence Modulation in Lanthanide(III)/Pyrazine-2,5-dicarboxylate/Nitrato Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4318-4328	2.3	15
21	Modulating structural dimensionality of cadmium(II) coordination polymers by means of pyrazole, tetrazole and pyrimidine derivative ligands. <i>Journal of Molecular Structure</i> , 2015 , 1089, 135-145	3.4	8
20	Porous M(II)/pyrimidine-4,6-dicarboxylate neutral frameworks: synthetic influence on the adsorption capacity and evaluation of CO ₂ -adsorbent interactions. <i>Chemistry - A European Journal</i> , 2014 , 20, 1554-68	4.8	21
19	Two appealing alternatives for MOFs synthesis: solvent-free oven heating vs. microwave heating. <i>RSC Advances</i> , 2014 , 4, 60409-60412	3.7	24
18	Modulating the MII/Pyrimidine-4,6-dicarboxylate System by Metal, Solvent and Temperature Variation. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3221-3234	2.3	9
17	Metal carboxylate nucleobase systems: From supramolecular assemblies to 3D porous materials. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 2716-2736	23.2	73
16	Structural Diversity in a Copper(II)/Isophthalate/9-Methyladenine System. From One- to Three-Dimensional Metal-Biomolecule Frameworks. <i>Crystal Growth and Design</i> , 2013 , 13, 3057-3067	3.5	22
15	Structure-Directing Effect of Organic Cations in the Assembly of Anionic In(III)/Diazinedicarboxylate Architectures. <i>Crystal Growth and Design</i> , 2012 , 12, 1501-1512	3.5	29
14	Gas Adsorption Properties and Selectivity in CuII/Adeninate/Carboxylate Metal-Biomolecule Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5921-5933	2.3	30
13	Improving the performance of a poorly adsorbing porous material: template mediated addition of microporosity to a crystalline submicroporous MOF. <i>Chemical Communications</i> , 2012 , 48, 907-9	5.8	21
12	Directing the Formation of Adenine Coordination Polymers from Tunable Copper(II)/Dicarboxylate/Adenine Paddle-Wheel Building Units. <i>Crystal Growth and Design</i> , 2012 , 12, 3324-3334	3.5	42

11	Synthetic control to achieve lanthanide(III)/pyrimidine-4,6-dicarboxylate compounds by preventing oxalate formation: structural, magnetic, and luminescent properties. <i>Inorganic Chemistry</i> , 2012 , 51, 7875-88	5.1	44
10	Lanthanide(III)/pyrimidine-4,6-dicarboxylate/oxalate extended frameworks: a detailed study based on the lanthanide contraction and temperature effects. <i>Inorganic Chemistry</i> , 2011 , 50, 8437-51	5.1	59
9	Low-Nuclearity MnII Complexes Based on Pyrimidine-4,6-dicarboxylato Bridging Ligand: Crystal Structure, Ion Exchange and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 68-77	2.3	13
8	Open-framework copper adeninate compounds with three-dimensional microchannels tailored by aliphatic monocarboxylic acids. <i>Inorganic Chemistry</i> , 2011 , 50, 5330-2	5.1	45
7	Porous supramolecular compound based on paddle-wheel shaped copper(II)adenine dinuclear entities. <i>CrystEngComm</i> , 2011 , 13, 3301	3.3	39
6	Supramolecular architectures of metaloxalato complexes containing purine nucleobases. <i>Inorganica Chimica Acta</i> , 2011 , 365, 211-219	2.7	29
5	Influence of the synthetic conditions on the structural diversity of extended manganese-oxalato-1,2-bis(4-pyridyl)ethylene systems. <i>Inorganic Chemistry</i> , 2010 , 49, 11346-61	5.1	27
4	Supramolecular Architectures and Magnetic Properties of Self-Assembled Windmill-Like Dinuclear Copper(II) Complexes with Purine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2344-2353	2.3	31
3	Analysis of the Interaction between Adenine Nucleobase and Metal-Malonato Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3889-3899	2.3	37
2	Structural and magnetic characterization of one-dimensional oxalato-bridged metal(II) complexes with 4-amino-3,5-bis(2-pyridyl)-1,2,4-triazole ligand: A supramolecular open-framework. <i>Inorganica Chimica Acta</i> , 2009 , 362, 4212-4218	2.7	14
1	Condensed heterometallic bidimensional mixed valence Cu(I)/Cu(II)/Ni(II) cyanidometallate. <i>Dalton Transactions</i> , 2009 , 9722-4	4.3	4