

Javier Cepeda

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2464953/javier-cepeda-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Metal-carboxylate-nucleobase systems: From supramolecular assemblies to 3D porous materials. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 2716-2736	23.2	73
81	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	7.3	62
80	Scandium/Alkaline Metal-Organic Frameworks: Adsorptive Properties and Ionic Conductivity. <i>Chemistry of Materials</i> , 2016 , 28, 2519-2528	9.6	61
79	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
78	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
77	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
76	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, 7875-7888	5.1	44
75	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
74	Porous supramolecular compound based on paddle-wheel shaped copper(II)-adenine dinuclear entities. <i>CrystEngComm</i> , 2011 , 13, 3301	3.3	39
73	Combining Polycarboxylate and Bipyridyl-like Ligands in the Design of Luminescent Zinc and Cadmium Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2017 , 17, 3893-3906	3.5	38
72	Analysis of the Interaction between Adenine Nucleobase and Metal-Malonate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3889-3899	2.3	37
71	A Zn based coordination polymer exhibiting long-lasting phosphorescence. <i>Chemical Communications</i> , 2016 , 52, 8671-4	5.8	32
70	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
69	Gas Adsorption Properties and Selectivity in Cu(I)/Adeninate/Carboxylate Metal-Biomolecule Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5921-5933	2.3	30
68	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
67	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
66	Supramolecular architectures of metal-oxalate complexes containing purine nucleobases. <i>Inorganica Chimica Acta</i> , 2011 , 365, 211-219	2.7	29

65	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
64	Modulating Anticancer Potential by Modifying the Structural Properties of a Family of Zinc Metal-Organic Chains Based on 4-Nitro-1H-pyrazole. <i>Crystal Growth and Design</i> , 2018 , 18, 969-978	3.5	27
63	Enhancing luminescence properties of lanthanide(III)/pyrimidine-4,6-dicarboxylato system by solvent-free approach. <i>Dalton Transactions</i> , 2015 , 44, 6972-86	4.3	26
62	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
61	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
60	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
59	Two appealing alternatives for MOFs synthesis: solvent-free oven heating vs. microwave heating. <i>RSC Advances</i> , 2014 , 4, 60409-60412	3.7	24
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	3.3	23
57	Structural Diversity in a Copper(II)/Isophthalato/9-Methyladenine System. From One- to Three-Dimensional Metal-Biomolecule Frameworks. <i>Crystal Growth and Design</i> , 2013 , 13, 3057-3067	3.5	22
56	Porous M(II)/pyrimidine-4,6-dicarboxylato 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
55	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
54	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
53	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
52	Rational design of triple-bridged dinuclear ZnII/III-based complexes: a structural, magnetic and luminescence study. <i>CrystEngComm</i> , 2017 , 19, 256-264	3.3	17
51	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
50	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
49	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
48	Photoluminescence Modulation in Lanthanide(III)/Pyrazine-2,5-dicarboxylato/Nitrato Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4318-4328	2.3	15

47	Tuning the porosity through interpenetration of azobenzene-4,4'-dicarboxylate-based metal-organic frameworks. <i>CrystEngComm</i> , 2015 , 17, 7636-7645	3.3	14
46	Alkaline-earth metal based MOFs with second scale long-lasting phosphor behavior. <i>CrystEngComm</i> , 2018 , 20, 4793-4803	3.3	14
45	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
44	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
43	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
42	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
41	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
40	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
39	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
38	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
37	Modulation of pore shape and adsorption selectivity by ligand functionalization in a series of boxlike flexible metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 17409-17416	13	10
36	Modulating the MII/Pyrimidine-4,6-dicarboxylato System by Metal, Solvent and Temperature Variation. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3221-3234	2.3	9
35	Strontium-Based MOFs Showing Dual Emission: Luminescence Thermometers and Toluene Sensors. <i>Inorganic Chemistry</i> , 2020 , 59, 18432-18443	5.1	9
34	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
33	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
32	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
31	Magnetic and Photoluminescent Sensors Based on Metal-Organic Frameworks Built up from 2-aminoisonicotinate. <i>Scientific Reports</i> , 2020 , 10, 8843	4.9	7
30	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

29	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
28	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
27	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
26	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
25	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
24	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
23	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
22	Condensed heterometallic bidimensional mixed valence Cu(I)/Cu(II)/Ni(II) cyanidometallate. <i>Dalton Transactions</i> , 2009 , 9722-4	4.3	4
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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

11	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
10	Photoluminescent Coordination Polymers Based on Group 12 Metals and 1H-Indazole-6-Carboxylic Acid. <i>Inorganics</i> , 2021 , 9, 20	2.9	2
9	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
8	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
7	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
6	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
5	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
4	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	
3	Supramolecular architectures of metal-oxalato coordination polymers bearing N-tethered adenine nucleobases. <i>Polyhedron</i> , 2019 , 171, 53-64	2.7	
2	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	
1	Biosensing Using MOFs 2021 , 457-499		