

Sonia Perez-Yaez

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.

57
papers

1,201
citations

23
h-index

32
g-index

65
ext. papers

1,367
ext. citations

4.9
avg, IF

4.25
L-index

#	Paper	IF	Citations
57	The Chemistry of Zirconium/Carboxylate Clustering Process: Acidic Conditions to Promote Carboxylate-Unsaturated Octahedral Hexamers and Pentanuclear Species.. <i>Inorganic Chemistry</i> , 2022 , 61, 4842-4851	5.1	
56	Ferromagnetic supramolecular metal-organic frameworks for active capture and magnetic sensing of emerging drug pollutants. <i>Cell Reports Physical Science</i> , 2021 , 2, 100421	6.1	3
55	Porous TiO thin film-based photocatalytic windows for an enhanced operation of optofluidic microreactors in CO conversion. <i>IScience</i> , 2021 , 24, 102654	6.1	6
54	Slot-Die Process of a Sol-Gel Photocatalytic Porous Coating for Large-Area Fabrication of Functional Architectural Glass. <i>Catalysts</i> , 2021 , 11, 711	4	1
53	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
52	Metal removal from the secondary building unit of bio-MOF-1 by adenine N6-alkylation while retaining the overall 3D porous topology. <i>CrystEngComm</i> , 2020 , 22, 4201-4205	3.3	1
51	Magnetic and Photoluminescent Sensors Based on Metal-Organic Frameworks Built up from 2-aminoisonicotinate. <i>Scientific Reports</i> , 2020 , 10, 8843	4.9	7
50	Adenine nucleobase directed supramolecular architectures based on ferrimagnetic heptanuclear copper(II) entities and benzenecarboxylate anions. <i>Journal of Inorganic Biochemistry</i> , 2020 , 202, 110865	4.2	5
49	A straightforward route to obtain zirconium based metal-organic gels. <i>Microporous and Mesoporous Materials</i> , 2019 , 284, 128-132	5.3	21
48	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
47	[ZrO(OH)(benzene-1,4-dicarboxylato)]: a hexagonal polymorph of UiO-66. <i>Chemical Communications</i> , 2019 , 55, 5954-5957	5.8	13
46	Supramolecular architectures of metal-oxalato coordination polymers bearing N-tethered adenine nucleobases. <i>Polyhedron</i> , 2019 , 171, 53-64	2.7	
45	Theophylline alkaloid as glue of paddle-wheel copper(II)-adenine entities to afford a rhomboid chain. <i>Inorganica Chimica Acta</i> , 2019 , 484, 437-442	2.7	5
44	Porous Supramolecular Architectures Based on π -Stacking Interactions between Discrete Metal-Adenine Entities and the Non-DNA Theobromine/Caffeine Nucleobases. <i>Crystal Growth and Design</i> , 2018 , 18, 3465-3476	3.5	6
43	Metal-thiobenzoato Complexes: Synthesis, Structure, and Processing as Carbon-Supported Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1371-1382	2.3	3
42	Providing evidence for the requirements to achieve supramolecular materials based on metal-nucleobase entities. <i>CrystEngComm</i> , 2018 , 20, 2528-2539	3.3	4
41	Synthesis of heterometallic metal-organic frameworks and their performance as electrocatalyst for CO reduction.. <i>RSC Advances</i> , 2018 , 8, 21092-21099	3.7	59

40	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
39	Chemically Resistant, Shapeable, and Conducting Metal-Organic Gels and Aerogels Built from Dithiooxamidato Ligand. <i>Advanced Functional Materials</i> , 2017 , 27, 1605448	15.6	26
38	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
37	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
36	Supramolecular Architectures Based on Metal-Cytosine Systems. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1333-1340	2.3	4
35	Supramolecular architectures based on p-cymene/ruthenium complexes functionalized with nucleobases. <i>CrystEngComm</i> , 2017 , 19, 6039-6048	3.3	5
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	3D Magnetically Ordered Open Supramolecular Architectures Based on Ferrimagnetic Cu/Adenine/Hydroxide Heptameric Wheels. <i>Inorganic Chemistry</i> , 2016 , 55, 7755-63	5.1	13
32	Supramolecular extended systems based on discrete paddle-wheel shaped metal-adeninate entities. <i>Inorganica Chimica Acta</i> , 2016 , 452, 222-228	2.7	3
31	Aerogels of 1D Coordination Polymers: From a Non-Porous Metal-Organic Crystal Structure to a Highly Porous Material. <i>Polymers</i> , 2016 , 8,	4.5	10
30	Scandium/Alkaline Metal-Organic Frameworks: Adsorptive Properties and Ionic Conductivity. <i>Chemistry of Materials</i> , 2016 , 28, 2519-2528	9.6	61
29	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
28	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
27	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
26	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
25	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
24	Porous materials based on metal-nucleobase systems sustained by coordination bonds and base pairing interactions. <i>CrystEngComm</i> , 2015 , 17, 3051-3059	3.3	32
23	Towards multicomponent MOFs via solvent-free synthesis under conventional oven and microwave assisted heating. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 425-433	6.8	10

22	Unravelling the Growth of Supramolecular Metal-Organic Frameworks Based on Metal-Nucleobase Entities. <i>Crystal Growth and Design</i> , 2015 , 15, 975-983	3.5	38
21	The crystal structure of a new polymorph of hexa-aqua-nickel(II) bis-(6-oxo-1,6-di-hydro-pyridine-3-carboxyl-ate). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, m238-9	0.7	0
20	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
19	Paddle-Wheel Shaped Copper(II)-Adenine Discrete Entities As Supramolecular Building Blocks To Afford Porous Supramolecular Metal-Organic Frameworks (SMOFs). <i>Crystal Growth and Design</i> , 2014 , 14, 4019-4029	3.5	53
18	Modulating the M(II)/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
17	Metal-dicarboxylato-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)/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
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 Cu(II)/Adeninato/Carboxylato 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)/Dicarboxylato/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, 7875-7888	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 Mn(II) 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 metal-oxalato 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

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| 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 |