

Beatriz Gil-Hernandez

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.

21 papers	550 citations	10 h-index	22 g-index
22 ext. papers	587 ext. citations	3.4 avg, IF	3.33 L-index

#	Paper	IF	Citations
21	Synthesis, structure and magnetic properties of a cobalt(II) mesoxalate 1D coordination polymer. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 485-489	1.3	0
20	Solid-State Landscape of 4,4'-Azobis(3,5-dimethyl-1H-pyrazole) with the Isolation of Conformer-Dependent Polymorphs. <i>Crystal Growth and Design</i> , 2020 , 20, 2721-2733	3.5	1
19	Flexible bifunctional monoethylphosphonate/carboxylates of Zn(II) and Co(II) reinforced with DABCO co-ligand: paradigmatic structural organization with pcu topology. <i>CrystEngComm</i> , 2020 , 22, 2933-2944	3.3	0
18	Visible and NIR emitting Yb(III) and Er(III) complexes sensitized by β -diketonates and phenanthroline derivatives.. <i>RSC Advances</i> , 2020 , 10, 27815-27823	3.7	5
17	rtl-M-MOFs (M = Cu, Zn) with a T-shaped bifunctional pyrazole-isophthalate ligand showing flexibility and S-shaped Type F-IV sorption isotherms with high saturation uptakes for M = Cu. <i>Dalton Transactions</i> , 2019 , 48, 8057-8067	4.3	10
16	Anion Selective Disruption of Strong Intramolecular N-H...O=C Hydrogen Bonds in a Nonchromogenic Tripodal Benzoylthiourea Receptor to Display Colorimetric Response. <i>ChemistrySelect</i> , 2019 , 4, 4068-4073	1.8	2
15	Palladium Nanoparticle-Immobilized Porous Polyurethane Material for Quick and Efficient Heterogeneous Catalysis of Suzuki-Miyaura Cross-Coupling Reaction at Room Temperature. <i>ChemistrySelect</i> , 2018 , 3, 1365-1370	1.8	13
14	A 2D Zinc Coordination Polymer Built from the Mono-deprotonated 4,4'-Azobis(3,5-dimethyl-1H-pyrazole) Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 1311-1316	1.3	3
13	Effect of the apical ligand on the geometry and magnetic properties of copper(II)/mesoxalate trinuclear units. <i>Dalton Transactions</i> , 2017 , 46, 5260-5268	4.3	4
12	Mesoxalate as Cu(II)/Ln(III) linker in the construction of MOFs in DMSO/water medium. <i>CrystEngComm</i> , 2015 , 17, 6555-6565	3.3	5
11	Proton conduction and long-range ferrimagnetic ordering in two isostructural Copper(II) mesoxalate metal-organic frameworks. <i>Inorganic Chemistry</i> , 2015 , 54, 1597-605	5.1	42
10	A rare alb-4,8-Cmce metal-coordination network based on tetrazolate and phosphonate functionalized 1,3,5,7-tetraphenyladamantane. <i>CrystEngComm</i> , 2013 , 15, 1235	3.3	37
9	Copper(II) complexes with a new carboxylic-functionalized arylhydrazone of β -diketone as effective catalysts for acid-free oxidations. <i>New Journal of Chemistry</i> , 2012 , 36, 1646	3.6	48
8	Bis(benzotriazol-1-yl)methane as a linker in the assembly of new copper(II) coordination polymers: Synthesis, structure and investigations. <i>Polyhedron</i> , 2012 , 48, 253-263	2.7	8
7	Homochiral lanthanoid(III) mesoxalate metal-organic frameworks: synthesis, crystal growth, chirality, magnetic and luminescent properties. <i>CrystEngComm</i> , 2012 , 14, 2635	3.3	71
6	Two-dimensional (6,3) networks obtained with the {Cu ₃ (Hmesox) ₃ } ³⁺ secondary building unit (H ₄ mesox = mesoxalic acid). <i>CrystEngComm</i> , 2012 , 14, 4289	3.3	10
5	A ferromagnetically coupled copper(II) trinuclear secondary building unit as precursor for the preparation of molecule-based magnets. <i>Inorganica Chimica Acta</i> , 2011 , 371, 47-52	2.7	9

4	Magnetic ordering in two molecule-based (10,3)-a nets prepared from a copper(II) trinuclear secondary building unit. <i>Inorganic Chemistry</i> , 2010 , 49, 7478-90	5.1	60
3	Spontaneous resolution upon crystallization of chiral La(III) and Gd(III) MOFs from achiral dihydroxymalonate. <i>Chemical Communications</i> , 2010 , 46, 8270-2	5.8	108
2	Self-assembled 3D heterometallic Cu(II)/Fe(II) coordination polymers with octahedral net skeletons: structural features, molecular magnetism, thermal and oxidation catalytic properties. <i>Inorganic Chemistry</i> , 2010 , 49, 11096-105	5.1	70
1	Iron, copper and zinc ammonium-1-hydroxyalkylidene-diphosphonates with zero-, one- and two-dimensional covalent metal-ligand structures extended into three-dimensional supramolecular networks by charge-assisted hydrogen-bonding. <i>Polyhedron</i> , 2010 , 29, 2537-2545	2.7	44