

Li-Xin You

List of Publications by Year in descending order

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40
papers

671
citations

566801

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610482

24
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all docs

40
docs citations

40
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	La-Metal-Organic Framework incorporating Fe ₃ O ₄ nanoparticles, post-synthetically modified with Schiff base and Pd. A highly active, magnetically recoverable, recyclable catalyst for C C cross-couplings at low Pd loadings. <i>Journal of Catalysis</i> , 2018, 361, 116-125.	3.1	75
2	Hypervalent silicon-based, anionic porous organic polymers with solid microsphere or hollow nanotube morphologies and exceptional capacity for selective adsorption of cationic dyes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 393-404.	5.2	61
3	High catalytic activity in aqueous heck and Suzuki-Miyaura reactions catalyzed by novel Pd/Ln coordination polymers based on 2,2'-bipyridine-4,4'-dicarboxylic acid as a heteroleptic ligand. <i>Polyhedron</i> , 2016, 115, 47-53.	1.0	35
4	Cooperative effects of lanthanides when associated with palladium in novel, 3D Pd/Ln coordination polymers. Sustainable applications as water-stable, heterogeneous catalysts in carbon-carbon cross-coupling reactions. <i>Applied Catalysis A: General</i> , 2016, 511, 1-10.	2.2	34
5	Synthesis, structure and properties of 2D lanthanide coordination polymers based on N-heterocyclic arylpolycarboxylate ligands. <i>Dalton Transactions</i> , 2014, 43, 17385-17394.	1.6	32
6	2D and 3D lanthanide metal-organic frameworks constructed from three benzenedicarboxylate ligands: synthesis, structure and luminescent properties. <i>CrystEngComm</i> , 2018, 20, 615-623.	1.3	32
7	The synergistic effect of cobalt on a Pd/Co catalyzed Suzuki-Miyaura cross-coupling in water. <i>Dalton Transactions</i> , 2016, 45, 18455-18458.	1.6	27
8	Synthesis, characterization, and interaction with DNA of Cu(II) and Zn(II) complexes with 2,2'-bipyridyl-6,6'-dicarboxylic acid. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2455-2464.	0.8	26
9	The levels of jasmonic acid and salicylic acid in a rice-barnyardgrass coexistence system and their relation to rice allelochemicals. <i>Biochemical Systematics and Ecology</i> , 2011, 39, 491-497.	0.6	25
10	A Yellow-Emitting Homoleptic Iridium(III) Complex Constructed from a Multifunctional Spiro Ligand for Highly Efficient Phosphorescent Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2017, 56, 8397-8407.	1.9	23
11	Tailoring the structure, pH sensitivity and catalytic performance in Suzuki-Miyaura cross-couplings of Ln/Pd MOFs based on the 1,1'-di(<i>p</i> -carboxybenzyl)-2,2'-diimidazole linker. <i>Dalton Transactions</i> , 2018, 47, 8755-8763.	1.6	22
12	Striking dual functionality of a novel Pd@Eu-MOF nanocatalyst in C(sp ²)-C(sp ²) bond-forming and CO ₂ fixation reactions. <i>Dalton Transactions</i> , 2020, 49, 6368-6376.	1.6	20
13	New Ln-MOFs based on mixed organic ligands: synthesis, structure and efficient luminescence sensing of the Hg ²⁺ ions in aqueous solutions. <i>Dalton Transactions</i> , 2021, 50, 15612-15619.	1.6	20
14	Synthesis of hollow La ₂ O ₃ :Yb ³⁺ /Er ³⁺ /Tm ³⁺ microspheres with tunable up-conversion luminescence properties. <i>RSC Advances</i> , 2013, 3, 8407.	1.7	16
15	Structure and Magnetocaloric Effect of Two Kinds of Ln-Mn Heterometallic Coordination Polymers Produced by Fractional Crystallization. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3969-3977.	1.0	15
16	Unprecedented homochiral 3D lanthanide coordination polymers with triple-stranded helical architecture constructed from a rigid achiral aryl dicarboxylate ligand. <i>CrystEngComm</i> , 2019, 21, 1758-1763.	1.3	15
17	Solvent-regulated assemblies of 1D lanthanide coordination polymers with the tricarboxylate ligand. <i>Dalton Transactions</i> , 2014, 43, 3462.	1.6	14
18	A family of 3D lanthanide-organic frameworks constructed from parallelogram secondary building units: synthesis, structures and properties. <i>CrystEngComm</i> , 2014, 16, 1777.	1.3	14

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19	Bis(imidazole) coordination polymers controlled by oxalate as an auxiliary ligand. <i>Journal of Coordination Chemistry</i> , 2015, 68, 1199-1212.	0.8	13
20	Four 3d-4d heterometallic coordination polymers based on 1,2,3-triazole-4,5-dicarboxylate: Synthesis, structures, and magnetic properties. <i>Inorganica Chimica Acta</i> , 2014, 409, 497-502.	1.2	12
21	Synthesis, structure and luminescence of lanthanide coordination polymers based on the 1,3-Bis(carboxymethyl) imidazolium salt. <i>Journal of Solid State Chemistry</i> , 2019, 278, 120900.	1.4	12
22	Novel mononuclear Pt ²⁺ and Pd ²⁺ complexes containing (2,3-f)pyrazino(1,10)phenanthroline-2,3-dicarboxylic acid as a multi-donor ligand. Synthesis, structure, interaction with DNA, in vitro cytotoxicity, and apoptosis. <i>Journal of Inorganic Biochemistry</i> , 2016, 164, 129-140.	1.5	11
23	Sphalerite Cu/ZnS Nanoparticles Derived from Cu/Zn-ZIF-8 for the Photocatalytic Degradation and Adsorption of Dyes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1038-1046.	1.0	11
24	Hydrothermal synthesis, crystal structure and properties of three-dimensional Co(ii)-4f heterometallic-organic frameworks. <i>CrystEngComm</i> , 2012, 14, 8689.	1.3	9
25	Facile Synthesis and Luminescence Properties of Y ₂ O ₃ :Ln ³⁺		

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37	Assembly of Three Lanthanide Coordination Polymers from 2-(4-Carboxybenzyloxy) Benzoic Acid Ligand: Synthesis, Structure, and Fluorescent Properties. <i>Australian Journal of Chemistry</i> , 2020, 73, 16.	0.5	3
38	Pd and Ni NPs@Eu-MOF, an economically advantageous nanocatalyst for C(sp ²)-C(sp ²) cross-coupling reactions. Key role of Ni and of the metal nanoparticles. <i>Polyhedron</i> , 2022, 223, 115950.	1.0	3
39	Syntheses, structures, and luminescence of a series of novel trimetallic coordination polymers constructed by Cu-I clusters and alkaline-carboxyl- alkaline-earth building units. <i>Journal of Solid State Chemistry</i> , 2018, 265, 393-401.	1.4	2
40	Versatile monometallic coordination polymers constructed from 4,4'-thiobis(methylene)bibenzoic acid and 1,10-phenanthroline. Synthesis, structure, magnetic and luminescence properties. <i>Inorganica Chimica Acta</i> , 2022, 531, 120712.	1.2	2