

Jie Pan

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.

73
papers

2,083
citations

25
h-index

44
g-index

79
ext. papers

2,484
ext. citations

4.5
avg, IF

5.56
L-index

#	Paper	IF	Citations
73	Inserting protonated phenanthroline derivatives into the interchain voids of anionic halometallate units to generate hybrid materials with tunable photochromic performance.. <i>Dalton Transactions</i> , 2022 ,	4.3	2
72	Modulating the structure and photochromic performance of hybrid metal chlorides with nonphotochromic 1,10-phenanthroline and its derivative. <i>Dalton Transactions</i> , 2021 ,	4.3	1
71	Luminescent Thermochromism and White-Light Emission of a 3D [AgBr] Cluster-Based Coordination Framework with Both Adamantane-like Node and Linker. <i>Inorganic Chemistry</i> , 2021 , 60, 4375-4379	5.1	30
70	Synthesis, structure and fluorescent property of a hybrid zinc-diphosphonate. <i>Inorganic Chemistry Communication</i> , 2021 , 125, 108426	3.1	
69	Luminescent Turn-On/Turn-Off Sensing Properties of a Water-Stable Cobalt-Based Coordination Polymer. <i>Crystal Growth and Design</i> , 2021 , 21, 2332-2339	3.5	8
68	Quadruple Photoresponsive Functionality in a Crystalline Hybrid Material: Photochromism, Photomodulated Fluorescence, Magnetism and Nonlinear Optical Properties. <i>Chemistry - A European Journal</i> , 2021 , 27, 7842-7846	4.8	35
67	Light enhanced proton conductivity in a terbium phosphonate photochromic chain complex. <i>Science China Chemistry</i> , 2021 , 64, 1170-1176	7.9	15
66	The Tri(imidazole)-Derivative Moiety: A New Category of Electron Acceptors for the Design of Crystalline Hybrid Photochromic Materials. <i>Chemistry - A European Journal</i> , 2021 , 27, 1410-1415	4.8	31
65	Novel silver(I) cluster-based coordination polymers as efficient luminescent thermometers. <i>CrystEngComm</i> , 2021 , 23, 56-63	3.3	5
64	Metal-organic complex-derived 3D porous carbon-supported g-C ₃ N ₄ /TiO ₂ as photocatalysts for the efficient degradation of antibiotic. <i>CrystEngComm</i> , 2021 , 23, 4717-4723	3.3	1
63	Penta-nuclear [Ag ₅ I ₆] Cluster-Based Photochromic Hybrid: Synthesis, Structure, Dye Sorption, and Separation. <i>Crystal Growth and Design</i> , 2021 , 21, 1055-1061	3.5	7
62	Decorating Metal Nitrate with a Coplanar Bipyridine Moiety: A Simple and General Method for Fabricating Photochromic Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 4709-4714	4.8	9
61	Engineering hydrophobic carbon sponge from metal-organic complexes@melamine foam composite for advanced volatile organic compounds adsorption. <i>Journal of Materials Science</i> , 2021 , 56, 9093-9105	4.3	
60	Heterometallic Organic Framework from [Cu ₂ I ₂] and [PbO] _n Chains: Photoluminescence, Sensing, and Photocatalytic Performance. <i>Crystal Growth and Design</i> , 2021 , 21, 5261-5267	3.5	1
59	Template syntheses of cadmium/lead halides as luminescence thermometers. <i>Inorganic Chemistry Communication</i> , 2021 , 131, 108765	3.1	1
58	Template syntheses of diverse haloargentates with reversible photochromism behaviors and efficient photocatalytic properties. <i>CrystEngComm</i> , 2021 , 23, 1588-1595	3.3	5
57	Metal-dependent photochromic performance in two isostructural supramolecular chains. <i>Dalton Transactions</i> , 2021 , 50, 546-552	4.3	12

56	Construction of a transition metal complex directed iodocuprate as the visible light driven photocatalyst. <i>Inorganic Chemistry Communication</i> , 2020 , 121, 108223	3.1	5
55	Manipulating On/Off Single-Molecule Magnet Behavior in a Dy(III)-Based Photochromic Complex. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2682-2689	16.4	184
54	Synthesis, crystal structure and magnetic property of a 3D Cu-organic framework. <i>Inorganic Chemistry Communication</i> , 2020 , 112, 107713	3.1	3
53	Construction of Iodoargentates with Diverse Architectures: Template Syntheses, Structures, and Photocatalytic Properties. <i>Crystal Growth and Design</i> , 2020 , 20, 1130-1138	3.5	28
52	Enhanced Room-Temperature Phosphorescence of an Organic Ligand in 3D Hybrid Materials Assisted by Adjacent Halogen Atom. <i>Inorganic Chemistry</i> , 2020 , 59, 972-975	5.1	13
51	A Zn(II)-Based Coordination Polymer Featuring Selective Detection of Fe ³⁺ and Efficient Capture of Anionic Dyes. <i>Crystal Growth and Design</i> , 2020 , 20, 7477-7483	3.5	19
50	Mixed-Ligand Strategy for the Construction of Photochromic Metal-Organic Frameworks Driven by Electron-Transfer Between Nonphotoactive Units. <i>Crystal Growth and Design</i> , 2020 , 20, 7350-7355	3.5	77
49	Coordinate bond- and hydrogen bond-assisted electron transfer strategy towards the generation of photochromic metal phosphites. <i>Dalton Transactions</i> , 2020 , 49, 14598-14604	4.3	14
48	A pillared-layer strategy to construct water-stable Zn-organic frameworks for iodine capture and luminescence sensing of Fe. <i>Dalton Transactions</i> , 2019 , 48, 602-608	4.3	21
47	White-Light Emission and Magnetism Behaviors Endowed by Inorganic Lanthanide Templates in Iodocuprates. <i>Crystal Growth and Design</i> , 2019 , 19, 1825-1831	3.5	13
46	Pure Inorganic Iodocuprate Framework Embedding In Situ Generated [Pb(OH)] Cubic Template. <i>Inorganic Chemistry</i> , 2019 , 58, 1746-1749	5.1	13
45	A Series of Iodoargentates Directed by Solvated Metal Cations Featuring Uptake and Photocatalytic Degradation of Organic Dye Pollutants. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 640-646	4.5	6
44	Switching the Zinc Diphosphonates from 1D Chain to 2D Layer and 3D Framework by the Modulation of a Flexible Organic Amine. <i>Crystal Growth and Design</i> , 2019 , 19, 2919-2926	3.5	13
43	Photochromism and photomagnetism in crystalline hybrid materials actuated by nonphotochromic units. <i>Chemical Communications</i> , 2019 , 55, 5631-5634	5.8	128
42	Construction of the Lanthanide Diphosphonates via a Template-Synthesis Strategy: Structures, Proton Conduction, and Magnetic Behavior. <i>Crystal Growth and Design</i> , 2019 , 19, 3045-3051	3.5	9
41	Multiple Detection Characteristics of Two Zinc Phosphonates: Syntheses, Crystal Structures, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2019 , 19, 5326-5333	3.5	15
40	Room-Temperature Phosphorescence with Excitation-Energy Dependence and External Heavy-Atom Effect in Hybrid Zincophosphites. <i>Inorganic Chemistry</i> , 2019 , 58, 9476-9481	5.1	16
39	Two Cobalt-diphosphonates Templated by Long-Chain Flexible Amines: Synthesis, Structures, Proton Conductivity, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2018 , 18, 3477-3483	3.5	15

38	Dual Ligand Strategy for Constructing a Series of d10 Coordination Polymers: Syntheses, Structures, Photoluminescence, and Sensing Properties. <i>Crystal Growth and Design</i> , 2018 , 18, 1882-1890	3.5	30
37	Bipyridine-triggered modulation of structure and properties of zinc-diphosphonates: coordination role vs. template rule. <i>Dalton Transactions</i> , 2018 , 47, 1650-1656	4.3	13
36	An organic-inorganic hybrid zinc phosphite framework with room temperature phosphorescence. <i>Chemical Communications</i> , 2018 , 54, 3712-3714	5.8	101
35	Structural characterization, photoluminescence and sensing properties of two copper(I)-iodide compounds. <i>Inorganic Chemistry Communication</i> , 2018 , 95, 144-148	3.1	3
34	Two- and three-dimensional hybrid zinc phosphites: syntheses, structures and photoluminescence properties. <i>Dalton Transactions</i> , 2018 , 47, 12468-12473	4.3	15
33	An inorganic-organic hybrid framework from the assembly of an electron-rich diphosphonate and electron-deficient tripyridyl moiety. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9341-9344	7.1	57
32	An excellent cryogenic magnetic cooler: magnetic and magnetocaloric study of an inorganic frame material. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 2327-2332	7.8	22
31	Layered Hybrid Zincophosphites for Room Temperature Phosphorescent Emission. <i>Inorganic Chemistry</i> , 2018 , 57, 14497-14500	5.1	7
30	The Iodoargentate Framework as a High-Performance Sweeper for Specific Dye Pollutant. <i>Crystal Growth and Design</i> , 2018 , 18, 6421-6425	3.5	13
29	Cluster-Based Anionic Template Assisted in the Formation of 3D Cobalt Cationic Framework: A Bridge Connecting MOFs and Halometallates?. <i>Inorganic Chemistry</i> , 2018 , 57, 11318-11321	5.1	18
28	Solvated Lanthanide Cationic Template Strategy for Constructing Iodoargentates with Photoluminescence and White Light Emission. <i>Crystal Growth and Design</i> , 2018 , 18, 7041-7047	3.5	50
27	The structures, photoluminescence and photocatalytic properties of two types of iodocuprate hybrids. <i>Inorganic Chemistry Communication</i> , 2018 , 97, 119-124	3.1	4
26	Inorganic-organic hybrid zinc phosphites with fluorescence/phosphorescence dual emission performances. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10411-10414	7.1	34
25	Template synthesis and photochromism of a layered zinc diphosphonate. <i>CrystEngComm</i> , 2017 , 19, 11603-1164	3.164	54
24	Hydrothermal Synthesis and Structural Characterization of a New Hybrid Zinc Borate, [Zn(dap) ₂][B ₄ O ₆ (OH) ₂]. <i>Journal of Cluster Science</i> , 2017 , 28, 1453-1462	3	7
23	3D Inorganic Cuprous Iodide Open-Framework Templated by In Situ N-Methylated 2,4,6-Tri(4-pyridyl)-1,3,5-triazine. <i>Crystal Growth and Design</i> , 2017 , 17, 3588-3591	3.5	42
22	Two hybrid transition metal triphosphonates decorated with a tripodal imidazole ligand: synthesis, structures and properties. <i>Dalton Transactions</i> , 2017 , 46, 808-813	4.3	25
21	In Situ Ligand Modification Strategy for the Construction of One-, Two-, and Three-Dimensional Heterometallic Iodides. <i>Inorganic Chemistry</i> , 2017 , 56, 13785-13793	5.1	26

20	Syntheses and Crystal Structures of Three Organically Templated Gallium Phosphates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1011-1015	1.3	1
19	Low-Dimensional Lead(II) Halides with In Situ Generated Tripyridine-Derivatives as Counteranions: Synthesis, Structures and Properties. <i>Journal of Cluster Science</i> , 2017 , 28, 2669-2679	3	6
18	Synthesis and structural characterization of five zinc bisphosphonate compounds. <i>Solid State Sciences</i> , 2017 , 70, 47-53	3.4	6
17	Template-directed syntheses of two 3D metal oxalates: in situ N-methylation and crystal structures. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 84-92	1.6	2
16	Ligand-oriented assembly of a porous metal-organic framework by [Cu ₄ L ₄] clusters and paddle-wheel [CuL ₂ (COO) ₄ (H ₂ O) ₂] subunits. <i>CrystEngComm</i> , 2016 , 18, 8362-8365	3.3	13
15	Structural variability, unusual thermochromic luminescence and nitrobenzene sensing properties of five Zn(II) coordination polymers assembled from a terphenyl-hexacarboxylate ligand. <i>CrystEngComm</i> , 2015 , 17, 3829-3837	3.3	41
14	Self-assembly of two high-nuclearity manganese calixarene-phosphonate clusters: diamond-like Mn ₁₆ and drum-like Mn ₁₄ . <i>RSC Advances</i> , 2015 , 5, 33579-33585	3.7	12
13	An unusual bifunctional Tb-MOF for highly sensitive sensing of Ba ²⁺ ions and with remarkable selectivities for CO ₂ and CO. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 13526-13532	13	80
12	Diverse architectures and luminescence properties of two novel copper(I) coordination polymers assembled from 2,6-bis[3-(pyrid-4-yl)-1,2,4-triazolyl]pyridine ligands. <i>CrystEngComm</i> , 2015 , 17, 1541-1548	3.3	19
11	Constructing Crystalline Heterometallic Indium-Organic Frameworks by the Bifunctional Method. <i>Crystal Growth and Design</i> , 2015 , 15, 1440-1445	3.5	46
10	Structural Diversity Modulated by the Ratios of a Ternary Solvent Mixture: Syntheses, Structures, and Luminescent Properties of Five Zinc(II) Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2015 , 15, 1481-1491	3.5	32
9	Five novel Zn(II)/Cd(II) coordination polymers based on bis(pyrazinyl)-triazole and varied polycarboxylates: syntheses, topologies and photoluminescence. <i>CrystEngComm</i> , 2014 , 16, 11078-11087	3.3	20
8	A Series of d ¹⁰ Metal Clusters Constructed by 2,6-Bis[3-(pyrazin-2-yl)-1,2,4-triazolyl]pyridine: Crystal Structures and Unusual Luminescences. <i>Crystal Growth and Design</i> , 2014 , 14, 5011-5018	3.5	32
7	Europium and Terbium Coordination Polymers Assembled from Hexacarboxylate Ligands: Structures and Luminescent Properties. <i>Crystal Growth and Design</i> , 2014 , 14, 1010-1017	3.5	62
6	Sorption behaviour in a unique 3,12-connected zinc-organic framework with 2.4 nm cages. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 10631	13	34
5	A multi-metal-cluster MOF with Cu ₄ L ₄ and Cu ₆ S ₆ as functional groups exhibiting dual emission with both thermochromic and near-IR character. <i>Chemical Science</i> , 2013 , 4, 1484	9.4	178
4	Using cuprophilicity as a multi-responsive chromophore switching color in response to temperature, mechanical force and solvent vapors. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4339	7.1	74
3	The 3D porous metal-organic frameworks based on bis(pyrazinyl)-triazole: structures, photoluminescence and gas adsorption properties. <i>CrystEngComm</i> , 2013 , 15, 5673	3.3	25

- 2 Hydrogenation of Quinolines Using a Recyclable Phosphine-Free Chiral Cationic Ruthenium Catalyst: Enhancement of Catalyst Stability and Selectivity in an Ionic Liquid. *Angewandte Chemie*, **2008**, 120, 8592-8595 3.6 104
- 1 Excitation energy distribution between two photosystems in *Porphyra yezoensis* and its significance in photosynthesis evolution. *Science Bulletin*, **2001**, 46, 49-52 3