

Jie Pan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5393569/jie-pan-publications-by-citations.pdf>

Version: 2024-04-23

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.

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	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
72	A multi-metal-cluster MOF with Cu ₄ I 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
71	Photochromism and photomagnetism in crystalline hybrid materials actuated by nonphotochromic units. <i>Chemical Communications</i> , 2019 , 55, 5631-5634	5.8	128
70	Hydrogenation of Quinolines Using a Recyclable Phosphine-Free Chiral Cationic Ruthenium Catalyst: Enhancement of Catalyst Stability and Selectivity in an Ionic Liquid. <i>Angewandte Chemie</i> , 2008 , 120, 8592-8595	3.6	104
69	An organic-inorganic hybrid zinc phosphite framework with room temperature phosphorescence. <i>Chemical Communications</i> , 2018 , 54, 3712-3714	5.8	101
68	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
67	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
66	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
65	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
64	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
63	Template synthesis and photochromism of a layered zinc diphosphonate. <i>CrystEngComm</i> , 2017 , 19, 11603-1164	5.1	54
62	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
61	Constructing Crystalline Heterometallic Indium-Organic Frameworks by the Bifunctional Method. <i>Crystal Growth and Design</i> , 2015 , 15, 1440-1445	3.5	46
60	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
59	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
58	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
57	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

56	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
55	A Series of d10 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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	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
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	Two- and three-dimensional hybrid zinc phosphites: syntheses, structures and photoluminescence properties. <i>Dalton Transactions</i> , 2018 , 47, 12468-12473	4-3	15
37	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
36	Light enhanced proton conductivity in a terbium phosphonate photochromic chain complex. <i>Science China Chemistry</i> , 2021 , 64, 1170-1176	7-9	15
35	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
34	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
33	Pure Inorganic Iodocuprate Framework Embedding In Situ Generated [Pb(OH)] Cubic Template. <i>Inorganic Chemistry</i> , 2019 , 58, 1746-1749	5-1	13
32	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
31	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
30	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
29	Ligand-oriented assembly of a porous metal-organic framework by [Cu ₄ I ₄] clusters and paddle-wheel [Cu ₂ (COO) ₄ (H ₂ O) ₂] subunits. <i>CrystEngComm</i> , 2016 , 18, 8362-8365	3-3	13
28	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
27	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
26	Metal-dependent photochromic performance in two isostructural supramolecular chains. <i>Dalton Transactions</i> , 2021 , 50, 546-552	4-3	12
25	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
24	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
23	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
22	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
21	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

20	Layered Hybrid Zincophosphites for Room Temperature Phosphorescent Emission. <i>Inorganic Chemistry</i> , 2018 , 57, 14497-14500	5.1	7
19	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
18	Low-Dimensional Lead(II) Halides with In Situ Generated Tripyridine-Derivatives as Counterions: Synthesis, Structures and Properties. <i>Journal of Cluster Science</i> , 2017 , 28, 2669-2679	3	6
17	Synthesis and structural characterization of five zinc bisphosphonate compounds. <i>Solid State Sciences</i> , 2017 , 70, 47-53	3.4	6
16	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
15	Novel silver(I) cluster-based coordination polymers as efficient luminescent thermometers. <i>CrystEngComm</i> , 2021 , 23, 56-63	3.3	5
14	Template syntheses of diverse haloargentates with reversible photochromism behaviors and efficient photocatalytic properties. <i>CrystEngComm</i> , 2021 , 23, 1588-1595	3.3	5
13	The structures, photoluminescence and photocatalytic properties of two types of iodocuprate hybrids. <i>Inorganic Chemistry Communication</i> , 2018 , 97, 119-124	3.1	4
12	Structural characterization, photoluminescence and sensing properties of two copper(I)-iodide compounds. <i>Inorganic Chemistry Communication</i> , 2018 , 95, 144-148	3.1	3
11	Excitation energy distribution between two photosystems in <i>Porphyra yezoensis</i> and its significance in photosynthesis evolution. <i>Science Bulletin</i> , 2001 , 46, 49-52		3
10	Synthesis, crystal structure and magnetic property of a 3D Cu-organic framework. <i>Inorganic Chemistry Communication</i> , 2020 , 112, 107713	3.1	3
9	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
8	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
7	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
6	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
5	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
4	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
3	Template syntheses of cadmium/lead halides as luminescence thermometers. <i>Inorganic Chemistry Communication</i> , 2021 , 131, 108765	3.1	1

- 2 Synthesis, structure and fluorescent property of a hybrid zinc-diphosphonate. *Inorganic Chemistry Communication*, **2021**, 125, 108426 3.1
- 1 Engineering hydrophobic carbon sponge from metal-organic complexes@melamine foam composite for advanced volatile organic compounds adsorption. *Journal of Materials Science*, **2021**, 56, 9093-9105 4.3