Jie Pan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5393569/publications.pdf

Version: 2024-02-01

77 papers	2,718 citations	185998 28 h-index	189595 50 g-index
79 all docs	79 docs citations	79 times ranked	2058 citing authors

#	Article	IF	Citations
1	Achieving an electron transfer photochromic complex for switchable white-light emission. Chinese Chemical Letters, 2022, 33, 3203-3206.	4.8	6
2	Inserting protonated phenanthroline derivatives into the interchain voids of anionic halometallate units to generate hybrid materials with tunable photochromic performance. Dalton Transactions, 2022, 51, 4310-4316.	1.6	6
3	A Cu₂I₂-Based Coordination Framework as the Selective Sensor for Ag⁺ and the Effective Adsorbent for I₂. Crystal Growth and Design, 2022, 22, 3719-3726.	1.4	29
4	Hybrid Photochromic Lanthanide Phosphonate with Multiple Photoresponsive Functionalities. Inorganic Chemistry, 2022, 61, 8379-8385.	1.9	15
5	Large Conjugated Bis/Triimidazolium Derivatives Directed Iodobismuthates(III): Syntheses, Structures, and Visible-Light-Induced Photocatalytic Properties. Crystal Growth and Design, 2022, 22, 4601-4609.	1.4	4
6	The Tri(imidazole)â€Derivative Moiety: A New Category of Electron Acceptors for the Design of Crystalline Hybrid Photochromic Materials. Chemistry - A European Journal, 2021, 27, 1410-1415.	1.7	45
7	Novel silver(<scp>i</scp>) cluster-based coordination polymers as efficient luminescent thermometers. CrystEngComm, 2021, 23, 56-63.	1.3	9
8	Metalâ€"organic complex-derived 3D porous carbon-supported g-C₃N₄/TiO₂as photocatalysts for the efficient degradation of antibiotic. CrystEngComm, 2021, 23, 4717-4723.	1.3	7
9	Penta-nuclear [Ag₅I₆] Cluster-Based Photochromic Hybrid: Synthesis, Structure, Dye Sorption, and Separation. Crystal Growth and Design, 2021, 21, 1055-1061.	1.4	11
10	Decorating Metal Nitrate with a Coplanar Bipyridine Moiety: Aâ€‰Simple and General Method for Fabricating Photochromic Complexes. Chemistry - A European Journal, 2021, 27, 4709-4714.	1.7	10
11	Engineering hydrophobic carbon sponge from metalâˆ'organic complexes@melamine foam composite for advanced volatile organic compounds adsorption. Journal of Materials Science, 2021, 56, 9093-9105.	1.7	2
12	Luminescent Thermochromism and White-Light Emission of a 3D [Ag₄Br₆] Cluster-Based Coordination Framework with Both Adamantane-like Node and Linker. Inorganic Chemistry, 2021, 60, 4375-4379.	1.9	65
13	Synthesis, structure and fluorescent property of a hybrid zinc-diphosphonate. Inorganic Chemistry Communication, 2021, 125, 108426.	1.8	0
14	Luminescent Turn-On/Turn-Off Sensing Properties of a Water-Stable Cobalt-Based Coordination Polymer. Crystal Growth and Design, 2021, 21, 2332-2339.	1.4	22
15	Quadruple Photoresponsive Functionality in a Crystalline Hybrid Material: Photochromism, Photomodulated Fluorescence, Magnetism and Nonlinear Optical Properties. Chemistry - A European Journal, 2021, 27, 7842-7846.	1.7	63
16	Light enhanced proton conductivity in a terbium phosphonate photochromic chain complex. Science China Chemistry, 2021, 64, 1170-1176.	4.2	44
17	Heterometallicâ€"Organic Framework from [Cu₂I₂] and [PbO]_n Chains: Photoluminescence, Sensing, and Photocatalytic Performance. Crystal Growth and Design, 2021, 21, 5261-5267.	1.4	8
18	Template syntheses of cadmium/lead halides as luminescence thermometers. Inorganic Chemistry Communication, 2021, 131, 108765.	1.8	4

#	Article	IF	Citations
19	Template syntheses of diverse haloargentates with reversible photochromism behaviors and efficient photocatalytic properties. CrystEngComm, 2021, 23, 1588-1595.	1.3	8
20	Metal-dependent photochromic performance in two isostructural supramolecular chains. Dalton Transactions, 2021, 50, 546-552.	1.6	15
21	Modulating Coordination Microenvironment of Metal Ions to Tune the Photochromic Performances of Three Hybrid Zincophosphites with Isotopological Architecture. Crystal Growth and Design, 2021, 21, 7008-7014.	1.4	5
22	Modulating the structure and photochromic performance of hybrid metal chlorides with nonphotochromic 1,10-phenanthroline and its derivative. Dalton Transactions, 2021, 50, 18089-18096.	1.6	4
23	Synthesis, crystal structure and magnetic property of a 3D Cu-organic framework. Inorganic Chemistry Communication, 2020, 112, 107713.	1.8	4
24	Construction of Iodoargentates with Diverse Architectures: Template Syntheses, Structures, and Photocatalytic Properties. Crystal Growth and Design, 2020, 20, 1130-1138.	1.4	52
25	Enhanced Room-Temperature Phosphorescence of an Organic Ligand in 3D Hybrid Materials Assisted by Adjacent Halogen Atom. Inorganic Chemistry, 2020, 59, 972-975.	1.9	20
26	A Zn(II)-Based Coordination Polymer Featuring Selective Detection of Fe³⁺ and Efficient Capture of Anionic Dyes. Crystal Growth and Design, 2020, 20, 7477-7483.	1.4	29
27	Mixed-Ligand Strategy for the Construction of Photochromic Metalâ€"Organic Frameworks Driven by Electron-Transfer Between Nonphotoactive Units. Crystal Growth and Design, 2020, 20, 7350-7355.	1.4	103
28	Coordinate bond- and hydrogen bond-assisted electron transfer strategy towards the generation of photochromic metal phosphites. Dalton Transactions, 2020, 49, 14598-14604.	1.6	18
29	Construction of a transition metal complex directed iodocuprate as the visible light driven photocatalyst. Inorganic Chemistry Communication, 2020, 121, 108223.	1.8	7
30	Manipulating On/Off Single-Molecule Magnet Behavior in a Dy(III)-Based Photochromic Complex. Journal of the American Chemical Society, 2020, 142, 2682-2689.	6.6	301
31	Multiple Detection Characteristics of Two Zinc Phosphonates: Syntheses, Crystal Structures, and Luminescent Properties. Crystal Growth and Design, 2019, 19, 5326-5333.	1.4	22
32	Room-Temperature Phosphorescence with Excitation-Energy Dependence and External Heavy-Atom Effect in Hybrid Zincophosphites. Inorganic Chemistry, 2019, 58, 9476-9481.	1.9	25
33	A pillared-layer strategy to construct water-stable Znâ€"organic frameworks for iodine capture and luminescence sensing of Fe³⁺. Dalton Transactions, 2019, 48, 602-608.	1.6	29
34	White-Light Emission and Magnetism Behaviors Endowed by Inorganic Lanthanide Templates in Iodocuprates. Crystal Growth and Design, 2019, 19, 1825-1831.	1.4	18
35	Pure Inorganic Iodocuprate Framework Embedding In Situ Generated [Pb₄(OH)₄]⁴⁺ Cubic Template. Inorganic Chemistry, 2019, 58, 1746-1749.	1.9	16
36	A Series of Iodoargentates Directed by Solvated Metal Cations Featuring Uptake and Photocatalytic Degradation of Organic Dye Pollutants. Chemistry - an Asian Journal, 2019, 14, 640-646.	1.7	12

#	Article	IF	Citations
37	Switching the Zinc Diphosphonates from 1D Chain to 2D Layer and 3D Framework by the Modulation of a Flexible Organic Amine. Crystal Growth and Design, 2019, 19, 2919-2926.	1.4	15
38	Photochromism and photomagnetism in crystalline hybrid materials actuated by nonphotochromic units. Chemical Communications, 2019, 55, 5631-5634.	2.2	160
39	Construction of the Lanthanide Diphosphonates via a Template-Synthesis Strategy: Structures, Proton Conduction, and Magnetic Behavior. Crystal Growth and Design, 2019, 19, 3045-3051.	1.4	10
40	Two Cobalt-diphosphonates Templated by Long-Chain Flexible Amines: Synthesis, Structures, Proton Conductivity, and Magnetic Properties. Crystal Growth and Design, 2018, 18, 3477-3483.	1.4	17
41	Dual Ligand Strategy for Constructing a Series of d¹⁰ Coordination Polymers: Syntheses, Structures, Photoluminescence, and Sensing Properties. Crystal Growth and Design, 2018, 18, 1882-1890.	1.4	33
42	Bipyridine-triggered modulation of structure and properties of zinc-diphosphonates: coordination role vs. template rule. Dalton Transactions, 2018, 47, 1650-1656.	1.6	19
43	An organicâ€“inorganic hybrid zinc phosphite framework with room temperature phosphorescence. Chemical Communications, 2018, 54, 3712-3714.	2.2	123
44	An excellent cryogenic magnetic cooler: magnetic and magnetocaloric study of an inorganic frame material. Materials Chemistry Frontiers, 2018, 2, 2327-2332.	3.2	30
45	Layered Hybrid Zincophosphites for Room Temperature Phosphorescent Emission. Inorganic Chemistry, 2018, 57, 14497-14500.	1.9	10
46	The Iodoargentate Framework as a High-Performance â€œSweeperâ€• for Specific Dye Pollutant. Crystal Growth and Design, 2018, 18, 6421-6425.	1.4	17
47	Cluster-Based Anionic Template Assisted in the Formation of 3D Cobalt Cationic Framework: A Bridge Connecting MOFs and Halometallates?. Inorganic Chemistry, 2018, 57, 11318-11321.	1.9	18
48	Solvated Lanthanide Cationic Template Strategy for Constructing Iodoargentates with Photoluminescence and White Light Emission. Crystal Growth and Design, 2018, 18, 7041-7047.	1.4	56
49	The structures, photoluminescence and photocatalytic properties of two types of iodocuprate hybrids. Inorganic Chemistry Communication, 2018, 97, 119-124.	1.8	4
50	Inorganicâ€“organic hybrid zinc phosphites with fluorescence/phosphorescence dual emission performances. Journal of Materials Chemistry C, 2018, 6, 10411-10414.	2.7	36
51	Structural characterization, photoluminescence and sensing properties of two copper(I)-iodide compounds. Inorganic Chemistry Communication, 2018, 95, 144-148.	1.8	6
52	Two- and three-dimensional hybrid zinc phosphites: syntheses, structures and photoluminescence properties. Dalton Transactions, 2018, 47, 12468-12473.	1.6	17
53	An inorganicâ€“organic hybrid framework from the assembly of an electron-rich diphosphonate and electron-deficient tripyridyl moiety. Journal of Materials Chemistry C, 2018, 6, 9341-9344.	2.7	69
54	Template synthesis and photochromism of a layered zinc diphosphonate. CrystEngComm, 2017, 19, 1160-1164.	1.3	62

#	Article	IF	Citations
55	Hydrothermal Synthesis and Structural Characterization of a New Hybrid Zinc Borate, [Zn(dap)2][B4O6(OH)2]. Journal of Cluster Science, 2017, 28, 1453-1462.	1.7	7
56	3D Inorganic Cuprous Iodide Open-Framework Templated by In Situ N-Methylated 2,4,6-Tri(4-pyridyl)-1,3,5-triazine. Crystal Growth and Design, 2017, 17, 3588-3591.	1.4	45
57	Two hybrid transition metal triphosphonates decorated with a tripodal imidazole ligand: synthesis, structures and properties. Dalton Transactions, 2017, 46, 808-813.	1.6	29
58	In Situ Ligand Modification Strategy for the Construction of One-, Two-, and Three-Dimensional Heterometallic Iodides. Inorganic Chemistry, 2017, 56, 13785-13793.	1.9	29
59	Syntheses and Crystal Structures of Three Organically Templated Gallium Phosphates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1011-1015.	0.6	2
60	Low-Dimensional Lead(II) Halides with In Situ Generated Tripyridine-Derivatives as Countercations: Synthesis, Structures and Properties. Journal of Cluster Science, 2017, 28, 2669-2679.	1.7	6
61	Synthesis and structural characterization of five zinc bisphosphonate compounds. Solid State Sciences, 2017, 70, 47-53.	1.5	8
62	Template-directed syntheses of two 3D metal oxalates: in situ N-methylation and crystal structures. Journal of Coordination Chemistry, 2017, 70, 84-92.	0.8	2
63	Ligand-oriented assembly of a porous metalâ€“organic framework by [Cu^I₄I₄] clusters and paddle-wheel [Cu^{II}₂(COO)₄(H₂O)₂] subunits. CrystEngComm, 2016, 18, 8362-8365.	1.3	14
64	An unusual bifunctional Tb-MOF for highly sensitive sensing of Ba²⁺ ions and with remarkable selectivities for CO₂â€“N₂ and CO₂â€“CH₄. Journal of Materials Chemistry A, 2015, 3, 13526-13532.	5.2	91
65	Diverse architectures and luminescence properties of two novel copper(<scp>i</scp>) coordination polymers assembled from 2,6-bis[3-(pyrid-4-yl)-1,2,4-triazolyl]pyridine ligands. CrystEngComm, 2015, 17, 1541-1548.	1.3	21
66	Constructing Crystalline Heterometallic Indiumâ€“Organic Frameworks by the Bifunctional Method. Crystal Growth and Design, 2015, 15, 1440-1445.	1.4	50
67	Structural Diversity Modulated by the Ratios of a Ternary Solvent Mixture: Syntheses, Structures, and Luminescent Properties of Five Zinc(II) Metalâ€“Organic Frameworks. Crystal Growth and Design, 2015, 15, 1481-1491.	1.4	34
68	Structural variability, unusual thermochromic luminescence and nitrobenzene sensing properties of five Zn(<scp>ii</scp>) coordination polymers assembled from a terphenyl-hexacarboxylate ligand. CrystEngComm, 2015, 17, 3829-3837.	1.3	43
69	Self-assembly of two high-nuclearity manganese calixarene-phosphonate clusters: diamond-like Mn₁₆ and drum-like Mn₁₄. RSC Advances, 2015, 5, 33579-33585.	1.7	15
70	Five novel Zn(<scp>ii</scp>)/Cd(<scp>ii</scp>) coordination polymers based on bis(pyrazinyl)-triazole and varied polycarboxylates: syntheses, topologies and photoluminescence. CrystEngComm, 2014, 16, 11078-11087.	1.3	22
71	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. Crystal Growth and Design, 2014, 14, 5011-5018.	1.4	36
72	Europium and Terbium Coordination Polymers Assembled from Hexacarboxylate Ligands: Structures and Luminescent Properties. Crystal Growth and Design, 2014, 14, 1010-1017.	1.4	65

#	Article	IF	Citations
73	Sorption behaviour in a unique 3,12-connected zincâ€“organic framework with 2.4 nm cages. Journal of Materials Chemistry A, 2013, 1, 10631.	5.2	34
74	A multi-metal-cluster MOF with Cu4I4 and Cu6S6 as functional groups exhibiting dual emission with both thermochromic and near-IR character. Chemical Science, 2013, 4, 1484.	3.7	202
75	Using cuprophilicity as a multi-responsive chromophore switching color in response to temperature, mechanical force and solvent vapors. Journal of Materials Chemistry C, 2013, 1, 4339.	2.7	83
76	The 3D porous metalâ€“organic frameworks based on bis(pyrazinyl)â€“trizole: structures, photoluminescence and gas adsorption properties. CrystEngComm, 2013, 15, 5673.	1.3	26
77	Excitation energy distribution between two photosystems inPorphyra yezoensis and its significance in photosynthesis evolution. Science Bulletin, 2001, 46, 49-52.	1.7	3