Junxiang Zhang

List of Publications by Year
in descending order

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28 papers	418 citations	1039406 9 h-index	752256 20 g-index
28 all docs	28 docs citations	28 times ranked	538 citing authors

#	Article	IF	Citations
1	Molecular motions of a tetraphenylethylene-derived AIEgen directly monitored through in situ variable temperature single crystal X-ray diffraction. CrystEngComm, 2022, 24, 231-234.	1.3	3
2	Two-dimensional coordination polymers with high proton conductivity and ultrafast highly efficient molecular sieving constructed by the structural inductive effect. Dalton Transactions, 2022, 51, 5796-5800.	1.6	4
3	Controllable Synthesis of Centrosymmetric/Noncentrosymmetric Phases for the Family of Halogen-Based Photonic Coordination Polymers to Enhance the Phase-Matching Second-Harmonic-Generation Response. Inorganic Chemistry, 2022, 61, 3716-3722.	1.9	9
4	Intermolecular Hydrogen-Bond-Assisted Solid-State Dual-Emission Molecules with Mechanical Force-Induced Enhanced Emission. Journal of Organic Chemistry, 2022, 87, 8503-8514.	1.7	16
5	Visualizing changes of molecular conformation in the solid-state by a common structural determination technique: single crystal X-ray diffraction. Materials Chemistry Frontiers, 2021, 5, 341-346.	3.2	12
6	A self-made portable separation device based on 2-D MOF nanosheets for the efficient separation of dyes in solutions. CrystEngComm, 2021, 23, 3989-3994.	1.3	4
7	Diagnosis of fatty liver disease by a multiphoton-active and lipid-droplet-specific AIEgen with nonaromatic rotors. Materials Chemistry Frontiers, 2021, 5, 1853-1862.	3.2	22
8	A â€œsimpleâ€•donorâ€“acceptor AIEgen with multi-stimuli responsive behavior. Materials Horizons, 2020, 7, 135-142.	6.4	77
9	Structural Evolution and Optical Property Tunability by Halogen Substitution in [N(CH₃)₄]MX₂ (M = Ga⁺, In⁺, X = Cl, Br): A Family of Organically Templated Metal Halides. Inorganic Chemistry, 2020, 59, 10736-10745.	1.9	6
10	Synthesis and characterization of a layered aluminosilicate NUD-11 and its transformation to a 3D stable zeolite. Dalton Transactions, 2020, 49, 11682-11688.	1.6	2
11	A novel three-dimensional zinc(II) coordination polymer based on 3,3â€²-{[1,3-phenylenebis(methylene)]bis(oxy)}dibenzoic acid and 1,4-bis(pyridin-4-yl)benzene: synthesis, crystal structure and photocatalytic properties. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 353-358.	0.2	5
12	â€œLivingâ€•luminogens: light driven ACQ-to-AIE transformation accompanied with solid-state actuation. Materials Horizons, 2020, 7, 1566-1572.	6.4	71
13	Photo-assisted synthesis of inorganic polyoxovanadate. Dalton Transactions, 2020, 49, 9662-9667.	1.6	3
14	The mechanism of metal exchange in non-metallic nanoclusters. Nanoscale Advances, 2020, 2, 664-668.	2.2	8
15	One stone, three birds: one AIEgen with three colors for fast differentiation of three pathogens. Chemical Science, 2020, 11, 4730-4740.	3.7	59
16	Assembly of two novel coordination polymers by selecting ditopic or chelating auxiliary ligands with naphthalene-2,6-dicarboxylic acid: synthesis, structure and luminescence sensing. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 1076-1084.	0.2	1
17	A sulfur coordination polymer with wide bandgap semiconductivity formed from zinc(II) and 5-methylsulfanyl-1,3,4-thiadiazole-2-thione. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1243-1249.	0.2	2
18	A homo-chiral helical coordination polymer constructed from an achiral ligand with excellent photo-physical properties and cell imaging application. New Journal of Chemistry, 2019, 43, 15023-15029.	1.4	5

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19	Palladium-catalyzed polyannulation of pyrazoles and diynes toward multifunctional poly(indazole)s under monomer non-stoichiometric conditions. Polymer Chemistry, 2019, 10, 5296-5303.	1.9	10
20	Dual detection of bioaccumulated Hg²⁺ based on luminescent bacteria and aggregation-induced emission. Chemical Communications, 2019, 55, 7458-7461.	2.2	17
21	Hyperstable chromium(<scp>iii</scp>)/manganese(<scp>ii</scp>) bimetallic wheel clusters with visible photoactivity. Dalton Transactions, 2019, 48, 10669-10675.	1.6	9
22	Pyrene-based aggregation-induced emission luminogens (AIEgen): structure correlated with particle size distribution and mechanochromism. Journal of Materials Chemistry C, 2019, 7, 6932-6940.	2.7	53
23	Cooperative proton transportation based on the reversible single crystalâ€“single crystal transformation in a highly water-stable Cu-MOF with its facile and scalable preparation. CrystEngComm, 2019, 21, 6693-6697.	1.3	4
24	Antibacterial and aqueous dual-responsive sensing activities of monomeric complexes with uncoordinated imidazole sites. New Journal of Chemistry, 2019, 43, 16691-16698.	1.4	5
25	A new lanthanum coordination polymer built from a semi-rigid tripodal carboxylic acid ligand: synthesis, crystal structure and properties. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1280-1285.	0.2	2
26	A novel tetraphenylethylene derivative: 4-methyl-N-[3-(1,2,2-triphenylethenyl)phenyl]benzenesulfonamide with aggregation-induced emission. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1060-1064.	0.2	3
27	Chiral crystals based on achiral ligand and their framework dependent luminescent properties. Inorganic Chemistry Communication, 2018, 97, 149-156.	1.8	5
28	A novel luminescent phosphor of a metalâ€“organic framework with orange-red emission. New Journal of Chemistry, 0, , .	1.4	1