

Shan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,657
citations

471509

17
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

3967
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical sensing platform for the detection of methyl parathion applying highly biocompatible non-covalent functionalized phosphonium-based ionic liquid@MWCNTs hybrid to immobilize hemoglobin. <i>Biosensors and Bioelectronics</i> , 2022, 197, 113755.	10.1	14
2	Silver Cluster@Porphyrin@Assembled Materials as Advanced Bioprotective Materials for Combating Superbacteria. <i>Advanced Science</i> , 2022, 9, e2103721.	11.2	32
3	Electropolymerization of Metal Clusters Establishing a Versatile Platform for Enhanced Catalysis Performance. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114538.	13.8	27
4	Electropolymerization of Metal Clusters Establishing a Versatile Platform for Enhanced Catalysis Performance. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
5	Programming a Metal@Organic Framework toward Excellent Hypergolicity. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23909-23915.	8.0	9
6	Integrating Single Atoms with Different Microenvironments into One Porous Organic Polymer for Efficient Photocatalytic CO ₂ Reduction. <i>Advanced Materials</i> , 2021, 33, e2101568.	21.0	96
7	Irradiation technology: An effective and promising strategy for eliminating food allergens. <i>Food Research International</i> , 2021, 148, 110578.	6.2	17
8	Aqueous media ultra-sensitive detection of antibiotics via highly stable luminescent 3D Cadmium-based MOF. <i>New Journal of Chemistry</i> , 2021, 45, 20887-20894.	2.8	10
9	Hydrazone connected stable luminescent covalent@organic polymer for ultrafast detection of nitro-explosives. <i>RSC Advances</i> , 2021, 11, 39270-39277.	3.6	9
10	Prefabricated covalent organic framework nanosheets with double vacancies: anchoring Cu for highly efficient photocatalytic H ₂ evolution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25094-25100.	10.3	50
11	<i>i</i> -Carborane-Based and Atomically Precise Metal Clusters as Hypergolic Materials. <i>Journal of the American Chemical Society</i> , 2020, 142, 12010-12014.	13.7	68
12	Fabrication of silver chalcogenolate cluster hybrid membranes with enhanced structural stability and luminescence efficiency. <i>Chemical Communications</i> , 2019, 55, 14677-14680.	4.1	16
13	Metal@organic framework-derived Co ₉ S ₈ embedded in N, O and S-tridoped carbon nanomaterials as an efficient oxygen bifunctional electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7389-7395.	10.3	100
14	Design and synthesis of metal hydroxide three-dimensional inorganic cationic frameworks. <i>Dalton Transactions</i> , 2018, 47, 3339-3345.	3.3	1
15	Encapsulating [Mo ₃ S ₁₃] ²⁺ clusters in cationic covalent organic frameworks: enhancing stability and recyclability by converting a homogeneous photocatalyst to a heterogeneous photocatalyst. <i>Chemical Communications</i> , 2018, 54, 13563-13566.	4.1	172
16	Covalent organic frameworks: a platform for the experimental establishment of the influence of intermolecular distance on phosphorescence. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5369-5374.	5.5	43
17	Exfoliation of Covalent Organic Frameworks into Few-Layer Redox-Active Nanosheets as Cathode Materials for Lithium-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2017, 139, 4258-4261.	13.7	775
18	A facile method to prepare energetic materials (EMs). <i>RSC Advances</i> , 2017, 7, 48161-48165.	3.6	4

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19	A Heat-Resistant and Energetic Metal-Organic Framework Assembled by Chelating Ligand. ACS Applied Materials & Interfaces, 2017, 9, 37542-37547.	8.0	55
20	Explosives in the Cage: Metal-Organic Frameworks for High-Energy Materials Sensing and Desensitization. Advanced Materials, 2017, 29, 1701898.	21.0	127
21	Metal-Organic Framework Templated Synthesis of Copper Azide as the Primary Explosive with Low Electrostatic Sensitivity and Excellent Initiation Ability. Advanced Materials, 2016, 28, 5837-5843.	21.0	108
22	Partitioning MOF-5 into Confined and Hydrophobic Compartments for Carbon Capture under Humid Conditions. Journal of the American Chemical Society, 2016, 138, 10100-10103.	13.7	214
23	Explosives: Metal-Organic Framework Templated Synthesis of Copper Azide as the Primary Explosive with Low Electrostatic Sensitivity and Excellent Initiation Ability (Adv. Mater. 28/2016). Advanced Materials, 2016, 28, 5766-5766.	21.0	6
24	A Tale of Copper Coordination Frameworks: Controlled Single-Crystal-to-Single-Crystal Transformations and Their Catalytic C-H Bond Activation Properties. Chemistry - A European Journal, 2015, 21, 13894-13899.	3.3	20
25	Photoinduced Postsynthetic Polymerization of a Metal-Organic Framework toward a Flexible Stand-Alone Membrane. Angewandte Chemie - International Edition, 2015, 54, 4259-4263.	13.8	235
26	Titelbild: Photoinduced Postsynthetic Polymerization of a Metal-Organic Framework toward a Flexible Stand-Alone Membrane (Angew. Chem. 14/2015). Angewandte Chemie, 2015, 127, 4199-4199.	2.0	0
27	Tuning the Luminescence of Metal-Organic Frameworks for Detection of Energetic Heterocyclic Compounds. Journal of the American Chemical Society, 2014, 136, 15485-15488.	13.7	390
28	Construction of highly energetic metal-organic frameworks with a nitrobenzene derivative. CrystEngComm, 0, , .	2.6	0