Shan Wang

List of Publications by Year in Descending Order

26 papers	1,849 citations	15 h-index	30 g-index
30 ext. papers	2,252 ext. citations	11 avg, IF	4.82 L-index

#	Paper	IF	Citations
26	Electropolymerization of Metal Clusters Establishing a Versatile Platform for Enhanced Catalysis Performance.. *Angewandte Chemie - International Edition*, **2022**, e202114538	16.4	1
25	Electrochemical sensing platform for the detection of methyl parathion applying highly biocompatible non-covalent functionalized phosphonium-based ionic liquid@MWCNTs hybrid to immobilize hemoglobin. *Biosensors and Bioelectronics*, **2022**, 197, 113755	11.8	3
24	Silver Cluster-Porphyrin-Assembled Materials as Advanced Bioprotective Materials for Combating Superbacteria. *Advanced Science*, **2021**, e2103721	13.6	7
23	Hydrazone connected stable luminescent covalent-organic polymer for ultrafast detection of nitro-explosives.. *RSC Advances*, **2021**, 11, 39270-39277	3.7	3
22	Aqueous media ultra-sensitive detection of antibiotics via highly stable luminescent 3D Cadmium-based MOF. *New Journal of Chemistry*, **2021**, 45, 20887-20894	3.6	3
21	Integrating Single Atoms with Different Microenvironments into One Porous Organic Polymer for Efficient Photocatalytic CO Reduction. *Advanced Materials*, **2021**, 33, e2101568	24	17
20	Irradiation technology: An effective and promising strategy for eliminating food allergens. *Food Research International*, **2021**, 148, 110578	7	1
19	-Carborane-Based and Atomically Precise Metal Clusters as Hypergolic Materials. *Journal of the American Chemical Society*, **2020**, 142, 12010-12014	16.4	32
18	Prefabricated covalent organic framework nanosheets with double vacancies: anchoring Cu for highly efficient photocatalytic H2 evolution. *Journal of Materials Chemistry A*, **2020**, 8, 25094-25100	13	20
17	Fabrication of silver chalcogenolate cluster hybrid membranes with enhanced structural stability and luminescence efficiency. *Chemical Communications*, **2019**, 55, 14677-14680	5.8	11
16	Metal□rganic framework-derived Co9S8 embedded in N, O and S-tridoped carbon nanomaterials as an efficient oxygen bifunctional electrocatalyst. *Journal of Materials Chemistry A*, **2019**, 7, 7389-7395	13	65
15	Design and synthesis of metal hydroxide three-dimensional inorganic cationic frameworks. *Dalton Transactions*, **2018**, 47, 3339-3345	4.3	1
14	Covalent organic frameworks: a platform for the experimental establishment of the influence of intermolecular distance on phosphorescence. *Journal of Materials Chemistry C*, **2018**, 6, 5369-5374	7.1	33
13	Encapsulating [MoS] clusters in cationic covalent organic frameworks: enhancing stability and recyclability by converting a homogeneous photocatalyst to a heterogeneous photocatalyst. *Chemical Communications*, **2018**, 54, 13563-13566	5.8	133
12	Exfoliation of Covalent Organic Frameworks into Few-Layer Redox-Active Nanosheets as Cathode Materials for Lithium-Ion Batteries. *Journal of the American Chemical Society*, **2017**, 139, 4258-4261	16.4	549
11	A facile method to prepare energetic materials (EMs). *RSC Advances*, **2017**, 7, 48161-48165	3.7	4
10	A Heat-Resistant and Energetic Metal-Organic Framework Assembled by Chelating Ligand. *ACS Applied Materials & Interfaces*, **2017**, 9, 37542-37547	9.5	32

9	Explosives in the Cage: Metal-Organic Frameworks for High-Energy Materials Sensing and Desensitization. *Advanced Materials*, **2017**, 29, 1701898	24	90
8	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	24	3
7	Metal-Organic Framework Templated Synthesis of Copper Azide as the Primary Explosive with Low Electrostatic Sensitivity and Excellent Initiation Ability. *Advanced Materials*, **2016**, 28, 5837-43	24	81
6	Partitioning MOF-5 into Confined and Hydrophobic Compartments for Carbon Capture under Humid Conditions. *Journal of the American Chemical Society*, **2016**, 138, 10100-3	16.4	159
5	Photoinduced postsynthetic polymerization of a metal-organic framework toward a flexible stand-alone membrane. *Angewandte Chemie - International Edition*, **2015**, 54, 4259-63	16.4	191
4	Photoinduced Postsynthetic Polymerization of a Metal□Organic Framework toward a Flexible Stand-Alone Membrane. *Angewandte Chemie*, **2015**, 127, 4333-4337	3.6	50
3	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	3.6	
2	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, 13894-9	4.8	18
1	Tuning the luminescence of metal-organic frameworks for detection of energetic heterocyclic compounds. *Journal of the American Chemical Society*, **2014**, 136, 15485-8	16.4	341