Jiaxin Duan

List of Publications by Year
in descending order

16 papers	429 citations	759233 12 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	615 citing authors

#	Article	IF	Citations
1	Charge Transport in Zirconium-Based Metalâ€“Organic Frameworks. Accounts of Chemical Research, 2020, 53, 1187-1195.	15.6	100
2	Well-Defined Rhodiumâ€“Gallium Catalytic Sites in a Metalâ€“Organic Framework: Promoter-Controlled Selectivity in Alkyne Semihydrogenation to E-Alkenes. Journal of the American Chemical Society, 2018, 140, 15309-15318.	13.7	88
3	Photocatalytic Biocidal Coatings Featuring Zr₆Ti₄-Based Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2022, 144, 12192-12201.	13.7	35
4	Photoinduced Charge Transfer with a Small Driving Force Facilitated by Exciplex-like Complex Formation in Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2021, 143, 15286-15297.	13.7	30
5	Isomer of linker for NU-1000 yields a new she-type, catalytic, and hierarchically porous, Zr-based metalâ€“organic framework. Chemical Communications, 2021, 57, 3571-3574.	4.1	25
6	Assembly of dicobalt and cobaltâ€“aluminum oxide clusters on metalâ€“organic framework and nanocast silica supports. Faraday Discussions, 2017, 201, 287-302.	3.2	21
7	Application and Limitations of Nanocasting in Metalâ€“Organic Frameworks. Inorganic Chemistry, 2018, 57, 2782-2790.	4.0	21
8	Incorporation of free halide ions stabilizes metalâ€“organic frameworks (MOFs) against pore collapse and renders large-pore Zr-MOFs functional for water harvesting. Journal of Materials Chemistry A, 2022, 10, 6442-6447.	10.3	19
9	Investigating the Process and Mechanism of Molecular Transport within a Representative Solvent-Filled Metalâ€“Organic Framework. Langmuir, 2020, 36, 10853-10859.	3.5	18
10	Tuning the Conductivity of Hexa-Zirconium(IV) Metalâ€“Organic Frameworks by Encapsulating Heterofullerenes. Chemistry of Materials, 2021, 33, 1182-1189.	6.7	17
11	Regioselective Functionalization of the Mesoporous Metalâ€“Organic Framework, NU-1000, with Photo-Active Tris-(2,2â€²-bipyridine)ruthenium(II). ACS Omega, 2020, 5, 30299-30305.	3.5	17
12	Understanding Diffusional Charge Transport within a Pyrene-Based Hydrogen-Bonded Organic Framework. Langmuir, 2022, 38, 1533-1539.	3.5	17
13	Art of Architecture: Efficient Transport through Solvent-Filled Metalâ€“Organic Frameworks Regulated by Topology. Chemistry of Materials, 2021, 33, 6832-6840.	6.7	12
14	Does the Mode of Metalâ€“Organic Framework/Electrode Adhesion Determine Rates for Redox-Hopping-Based Charge Transport within Thin-Film Metalâ€“Organic Frameworks?. Journal of Physical Chemistry C, 2022, 126, 4601-4611.	3.1	7
15	Redox-Hopping-Based Charge Transport Mediated by Ru(II)-Polypyridyl Species Immobilized in a Mesoporous Metal-Organic Framework. Frontiers in Chemical Engineering, 2022, 3, .	2.7	2
16	The Balance between Conductivity and Electro-/Photo-Catalytic Performance of Guest-Incorporated Metal-Organic Frameworks. ECS Meeting Abstracts, 2021, MA2021-01, 786-786.	0.0	0