

Jiixin Duan

List of Publications by Year in descending order

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papers

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759233

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615
citing authors

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