

Trevor Makal

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

3,230
citations

687363

13
h-index

1058476

14
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18
all docs

18
docs citations

18
times ranked

4914
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential applications of metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2009, 253, 3042-3066.	18.8	1,422
2	Methane storage in advanced porous materials. <i>Chemical Society Reviews</i> , 2012, 41, 7761.	38.1	716
3	Interpenetration control in metal-organic frameworks for functional applications. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2232-2249.	18.8	478
4	Isomerism in Metal-Organic Frameworks: α -Framework Isomers. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1682-1689.	4.6	140
5	A Highly Porous and Robust (3,3,4)-Connected Metal-Organic Framework Assembled with a 90° Bridging Angle Embedded Octacarboxylate Ligand. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1580-1584.	13.8	106
6	Tuning the Moisture and Thermal Stability of Metal-Organic Frameworks through Incorporation of Pendant Hydrophobic Groups. <i>Crystal Growth and Design</i> , 2013, 13, 4760-4768.	3.0	94
7	RECENT ADVANCES IN THE STUDY OF MESOPOROUS METAL-ORGANIC FRAMEWORKS. <i>Comments on Inorganic Chemistry</i> , 2010, 31, 165-195.	5.2	84
8	Highly porous metal-organic framework sustained with 12-connected nanoscopic octahedra. <i>Dalton Transactions</i> , 2013, 42, 1708-1714.	3.3	61
9	Protein Immobilization in Metal-Organic Frameworks by Covalent Binding. <i>Australian Journal of Chemistry</i> , 2014, 67, 1629.	0.9	38
10	Construction of Two 3D Homochiral Frameworks with 1D Chiral Pores via Chiral Recognition. <i>Inorganic Chemistry</i> , 2011, 50, 3177-3179.	4.0	22
11	Stabilizing defects in metal-organic frameworks: pendant Lewis basic sites as capping agents in UiO-66-type MOFs toward highly stable and defective porous materials. <i>Dalton Transactions</i> , 2019, 48, 14696-14704.	3.3	22
12	An Application Exploiting Auophilic Bonding and iClick to Produce White Light Emitting Materials. <i>Inorganic Chemistry</i> , 2020, 59, 1893-1904.	4.0	22
13	Realization of both high hydrogen selectivity and capacity in a guest responsive metal-organic framework. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13502.	10.3	7
14	Development of Inorganic Click (iClick) and Related Cycloaddition Chemistry. , 2021, , 1086-1100.		0
15	Methane in MOFs: where, why, and how. , 2016, , 105-124.		0