

Trevor Makal

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

3,230
citations

687363

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1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

4914
citing authors

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