

Gokay Avcı

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

680
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Metal-Organic Framework (MOF) Database Selection on the Assessment of Gas Storage and Separation Potentials of MOFs. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7828-7837.	13.8	164
2	High-Throughput Screening of MOF Adsorbents and Membranes for H ₂ Purification and CO ₂ Capture. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33693-33706.	8.0	133
3	Database for CO ₂ Separation Performances of MOFs Based on Computational Materials Screening. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17257-17268.	8.0	129
4	An extensive comparative analysis of two MOF databases: high-throughput screening of computation-ready MOFs for CH ₄ and H ₂ adsorption. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9593-9608.	10.3	87
5	Do New MOFs Perform Better for CO ₂ Capture and H ₂ Purification? Computational Screening of the Updated MOF Database. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 41567-41579.	8.0	74
6	Computer simulations of 4240 MOF membranes for H ₂ /CH ₄ separations: insights into structure-performance relations. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5836-5847.	10.3	56
7	Effect of Metal-Organic Framework (MOF) Database Selection on the Assessment of Gas Storage and Separation Potentials of MOFs. <i>Angewandte Chemie</i> , 2021, 133, 7907-7916.	2.0	20
8	In Silico Design of Metal Organic Frameworks with Enhanced CO ₂ Separation Performances: Role of Metal Sites. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28255-28265.	3.1	10
9	A PCE-based rheology modifier allows machining of solid cast green bodies of alumina. <i>Ceramics International</i> , 2016, 42, 3757-3761.	4.8	4
10	Metal Exchange Boosts the CO ₂ Selectivity of Metal Organic Frameworks Having Zn-Oxide Nodes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17311-17322.	3.1	3