

Donghun Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9134849/publications.pdf>

Version: 2024-02-01

16
papers

858
citations

932766

10
h-index

996533

15
g-index

18
all docs

18
docs citations

18
times ranked

1119
citing authors

#	ARTICLE	IF	CITATIONS
1	Twin-free, directly synthesized MFI nanosheets with improved thickness uniformity and their use in membrane fabrication. <i>Science Advances</i> , 2022, 8, eabm8162.	4.7	30
2	High-performance ammonia-selective MFI nanosheet membranes. <i>Chemical Communications</i> , 2021, 57, 580-582.	2.2	20
3	Multi-modal surface analysis of porous films under <i>operando</i> conditions. <i>AIP Advances</i> , 2020, 10, .	0.6	19
4	Reversible Formation of Silanol Groups in Two-Dimensional Siliceous Nanomaterials under Mild Hydrothermal Conditions. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18045-18053.	1.5	7
5	Zeolite Nanosheets Stabilize Catalyst Particles to Promote the Growth of Thermodynamically Unfavorable, Small-Diameter Carbon Nanotubes. <i>Small</i> , 2020, 16, e2002120.	5.2	7
6	Environmental TEM Studies Reveal Catalyst/Support Registry on 2D Zeolites. <i>Microscopy and Microanalysis</i> , 2019, 25, 1458-1459.	0.2	1
7	Titelbild: <i>para</i> Xylene Ultra-selective Zeolite MFI Membranes Fabricated from Nanosheet Monolayers at the Air-Water Interface (<i>Angew. Chem.</i> 2/2018). <i>Angewandte Chemie</i> , 2018, 130, 367-367.	1.6	0
8	Large-Grain, Oriented, and Thin Zeolite MFI Films from Directly Synthesized Nanosheet Coatings. <i>Chemistry of Materials</i> , 2018, 30, 3545-3551.	3.2	29
9	<i>para</i> Xylene Ultra-selective Zeolite MFI Membranes Fabricated from Nanosheet Monolayers at the Air-Water Interface. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 480-485.	7.2	130
10	<i>para</i> Xylene Ultra-selective Zeolite MFI Membranes Fabricated from Nanosheet Monolayers at the Air-Water Interface. <i>Angewandte Chemie</i> , 2018, 130, 489-494.	1.6	42
11	Highly Graphitic Mesoporous Fe,N-Doped Carbon Materials for Oxygen Reduction Electrochemical Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25337-25349.	4.0	54
12	Titelbild: Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite (<i>Angew. Chem.</i>) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.6	0
13	Ultra-selective high-flux membranes from directly synthesized zeolite nanosheets. <i>Nature</i> , 2017, 543, 690-694.	13.7	446
14	Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 535-539.	7.2	50
15	Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite. <i>Angewandte Chemie</i> , 2017, 129, 550-554.	1.6	15
16	Robust transparent mesoporous silica membranes as matrices for colorimetric sensors. <i>RSC Advances</i> , 2015, 5, 16549-16553.	1.7	6