

# 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	Ultra-selective high-flux membranes from directly synthesized zeolite nanosheets. <i>Nature</i> , 2017, 543, 690-694.	13.7	446
2	<i>p</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
3	Highly Graphitic Mesoporous Fe,N-Doped Carbon Materials for Oxygen Reduction Electrochemical Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25337-25349.	4.0	54
4	Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 535-539.	7.2	50
5	<i>p</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
6	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
7	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
8	High-performance ammonia-selective MFI nanosheet membranes. <i>Chemical Communications</i> , 2021, 57, 580-582.	2.2	20
9	Multi-modal surface analysis of porous films under <i>operando</i> conditions. <i>AIP Advances</i> , 2020, 10, .	0.6	19
10	Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite. <i>Angewandte Chemie</i> , 2017, 129, 550-554.	1.6	15
11	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
12	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
13	Robust transparent mesoporous silica membranes as matrices for colorimetric sensors. <i>RSC Advances</i> , 2015, 5, 16549-16553.	1.7	6
14	Environmental TEM Studies Reveal Catalyst/Support Registry on 2D Zeolites. <i>Microscopy and Microanalysis</i> , 2019, 25, 1458-1459.	0.2	1
15	Titelbild: Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite ( <i>Angew. Chem.</i> ) Tj ETQq1 1 0,784314 rgBT /Overl	1.6	0
16	Titelbild: <i>p</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