

Akshay Korde

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

258
citations

1163117

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295
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous Zeolite MFI Membranes Fabricated from 2D MFI Nanosheets on Ceramic Hollow Fibers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8201-8205.	13.8	84
2	Ambient-pressure and low-temperature upgrading of lignin bio-oil to hydrocarbons using a hydrogen buffer catalytic system. <i>Nature Energy</i> , 2020, 5, 759-767.	39.5	65
3	Single-walled zeolitic nanotubes. <i>Science</i> , 2022, 375, 62-66.	12.6	25
4	Continuous Zeolite MFI Membranes Fabricated from 2D MFI Nanosheets on Ceramic Hollow Fibers. <i>Angewandte Chemie</i> , 2019, 131, 8285-8289.	2.0	17
5	Single-Step Scalable Fabrication of Zeolite MFI Hollow Fiber Membranes for Hydrocarbon Separations. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000926.	3.7	15
6	Separation of C_2-C_4 hydrocarbons from methane by zeolite MFI hollow fiber membranes fabricated from 2D nanosheets. <i>AIChE Journal</i> , 2021, 67, .	3.6	12
7	Effect of Si/Al Ratio on the Catalytic Activity of Two-Dimensional MFI Nanosheets in Aromatic Alkylation and Alcohol Etherification. <i>ChemCatChem</i> , 2019, 11, 4548-4557.	3.7	9
8	Machine Learning-Driven, Sensor-Integrated Microfluidic Device for Monitoring and Control of Supersaturation for Automated Screening of Crystalline Materials. <i>ACS Sensors</i> , 2022, 7, 797-805.	7.8	9
9	Cross-Pharma Collaboration for the Development of a Simulation Tool for the Model-Based Digital Design of Pharmaceutical Crystallization Processes (CrySiV). <i>Crystal Growth and Design</i> , 2021, 21, 6448-6464.	3.0	8
10	Synthesizing New Hybrid Zeolitic Imidazolate Frameworks by Controlled Demolition and Reconstruction. , 2019, 1, 447-451.		7
11	AEL Zeolite Nanosheet-Polyamide Nanocomposite Membranes on γ -Alumina Hollow Fibers with Enhanced Pervaporation Properties. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 14789-14796.	3.7	5
12	In-line measurement of liquid-liquid phase separation boundaries using a turbidity-sensor-integrated continuous-flow microfluidic device. <i>Lab on A Chip</i> , 2022, 22, 2299-2306.	6.0	2