

Akshay Korde

List of Publications by Year in descending order

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12
papers

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citations

1163117

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295
citing authors

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