

Xiaoyan Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3575315/publications.pdf>

Version: 2024-02-01

16
papers

67
citations

1684188

5
h-index

1588992

8
g-index

17
all docs

17
docs citations

17
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-phase flow characteristics of gas-liquids in microchannels using electrical resistance tomography. <i>Heat and Mass Transfer</i> , 2022, 58, 99-114.	2.1	4
2	Converting the E. coli Isochorismatase Nicotinamidase into $\hat{\text{I}}^3$ -Lactamase. <i>Microbiology Spectrum</i> , 2022, 10, e0098521.	3.0	1
3	Effect of Liquid Properties on Frictional Pressure Drop in a Gas-Liquid Two-Phase Microchannel. <i>Processes</i> , 2022, 10, 799.	2.8	1
4	Simulation study on liquid percolation in diffusion layer of in-vitro diagnostic chips. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 1985-1999.	2.4	0
5	Synthesis of <i>tert</i> -amylbenzene for side-chain alkylation of cumene catalyzed by a solid superbase. <i>Green Processing and Synthesis</i> , 2021, 10, 874-881.	3.4	0
6	Preparation, Characterisation, and Application of Bifunctional BaSO ₄ Sheets. <i>Materials</i> , 2020, 13, 2903.	2.9	1
7	Preparation, Characteristics, and Application of Bifunctional TiO ₂ Sheets. <i>Materials</i> , 2020, 13, 1615.	2.9	2
8	Effects of the Microbubble Generation Mode on Hydrodynamic Parameters in Gas-Liquid Bubble Columns. <i>Processes</i> , 2020, 8, 663.	2.8	5
9	The catalytic characteristic and synthesis technique for 4-methyl-1-pentene over a potassium-supported superbase catalyst. <i>Chemical Engineering Communications</i> , 2019, 206, 346-354.	2.6	7
10	An environmentally friendly acylation reaction of 2-methylnaphthalene in solvent-free condition in a micro-channel reactor. <i>Green Processing and Synthesis</i> , 2019, 8, 474-479.	3.4	2
11	The Formation and Application of Submicron Spherical BaTiO ₃ Particles for the Diffusion Layer of Medical Dry Films. <i>Crystals</i> , 2019, 9, 594.	2.2	4
12	CFD simulation of gas-liquid flow in a high-pressure bubble column with a modified population balance model. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 1350-1358.	3.5	16
13	Synthesis of Controllable Carboxylated Polystyrene Microspheres by Two-Step Dispersion Polymerization with Hydrocarbon Alcohols. <i>International Journal of Polymer Science</i> , 2018, 2018, 1-8.	2.7	5
14	Effect of the Cr ₂ O ₃ Promoter on Pt/WO ₃ -ZrO ₂ Catalysts for n-Heptane Isomerization. <i>Catalysts</i> , 2018, 8, 522.	3.5	4
15	Green synthesis of acetaldehyde oxime using ammonia oxidation in the TS-1/H ₂ O ₂ system. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 125, 1113-1125.	1.7	5
16	Controllable Preparation of Uniform Micron-Sized Barium Sulfate Spheres. <i>Crystal Research and Technology</i> , 2018, 53, 1700212.	1.3	10