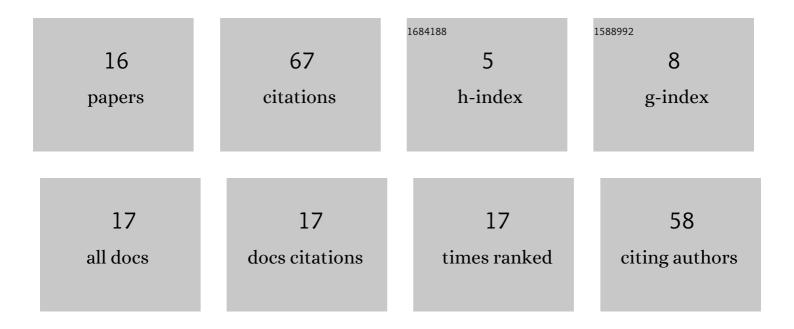
Xiaoyan Guo

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | CFD simulation of gas–liquid flow in a high-pressure bubble column with a modified population balance model. Chinese Journal of Chemical Engineering, 2018, 26, 1350-1358. | 3.5 | 16 |
| 2 | Controllable Preparation of Uniform Micronâ€Sized Bariumâ€Sulfate Spheres. Crystal Research and Technology, 2018, 53, 1700212. | 1.3 | 10 |
| 3 | The catalytic characteristic and synthesis technique for 4-methyl-1-pentene over a potassium-supported superbase catalyst. Chemical Engineering Communications, 2019, 206, 346-354. | 2.6 | 7 |
| 4 | Synthesis of Controllable Carboxylated Polystyrene Microspheres by Two-Step Dispersion Polymerization with Hydrocarbon Alcohols. International Journal of Polymer Science, 2018, 2018, 1-8. | 2.7 | 5 |
| 5 | Green synthesis of acetaldehyde oxime using ammonia oxidation in the TS-1/H2O2 system. Reaction Kinetics, Mechanisms and Catalysis, 2018, 125, 1113-1125. | 1.7 | 5 |
| 6 | Effects of the Microbubble Generation Mode on Hydrodynamic Parameters in Gas–Liquid Bubble Columns. Processes, 2020, 8, 663. | 2.8 | 5 |
| 7 | Effect of the Cr2O3 Promoter on Pt/WO3-ZrO2 Catalysts for n-Heptane Isomerization. Catalysts, 2018, 8, 522. | 3.5 | 4 |
| 8 | The Formation and Application of Submicron Spherical BaTiO3 Particles for the Diffusion Layer of Medical Dry Films. Crystals, 2019, 9, 594. | 2.2 | 4 |
| 9 | Two-phase flow characteristics of gas-liquids in microchannels using electrical resistance tomography. Heat and Mass Transfer, 2022, 58, 99-114. | 2.1 | 4 |
| 10 | An environmentally friendly acylation reaction of 2-methylnaphthalene in solvent-free condition in a micro-channel reactor. Green Processing and Synthesis, 2019, 8, 474-479. | 3.4 | 2 |
| 11 | Preparation, Characteristics, and Application of Bifunctional TiO2 Sheets. Materials, 2020, 13, 1615. | 2.9 | 2 |
| 12 | Preparation, Characterisation, and Application of Bifunctional BaSO4 Sheets. Materials, 2020, 13, 2903. | 2.9 | 1 |
| 13 | Converting the E. coli Isochorismatase Nicotinamidase into Î ³ -Lactamase. Microbiology Spectrum, 2022, 10, e0098521. | 3.0 | 1 |
| 14 | Effect of Liquid Properties on Frictional Pressure Drop in a Gas-Liquid Two-Phase Microchannel. Processes, 2022, 10, 799. | 2.8 | 1 |
| 15 | Simulation study on liquid percolation in diffusion layer of in-vitro diagnostic chips. Journal of Dispersion Science and Technology, 2021, 42, 1985-1999. | 2.4 | 0 |
| 16 | Synthesis of <i>tert</i> -amylbenzene for side-chain alkylation of cumene catalyzed by a solid superbase. Green Processing and Synthesis, 2021, 10, 874-881. | 3.4 | 0 |