

# Gguanghai Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

378  
citations

1040056

9  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic analysis and process optimization of organosilicon distillation systems. <i>Energy</i> , 2022, 252, 124006.	8.8	5
2	Sterically hindered amine-functionalized MCM-41 composite for efficient carbon dioxide capture. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 1981-1988.	2.7	4
3	Experimental studies of bubble cutting in a lab-scale micro-structured bubble column with different liquid viscosity. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 2044-2054.	2.7	4
4	Direct Synthesis of Methylchlorosilanes: Catalysts, Mechanisms, Reaction Conditions, and Reactor Designs. <i>Organic Process Research and Development</i> , 2022, 26, 2270-2280.	2.7	8
5	An Experimental Study on Performance and Structural Improvements of a Novel Elutriator. <i>Processes</i> , 2021, 9, 478.	2.8	2
6	Facile fabrication of copper oxide modified activated carbon composite for efficient CO <sub>2</sub> adsorption. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 46-54.	2.7	19
7	Effect of Different Configurations on Bubble Cutting and Process Intensification in a Micro-Structured Jet Bubble Column Using Digital Image Analysis. <i>Processes</i> , 2021, 9, 2220.	2.8	4
8	Waste minimization and efficient disposal of particles in optimized organic silicon production. <i>Journal of Cleaner Production</i> , 2020, 242, 118445.	9.3	13
9	A facile approach to the fabrication of MgO@Y composite for CO <sub>2</sub> capture. <i>Adsorption</i> , 2020, 26, 701-709.	3.0	10
10	Fabrication of MgO@AC porous composite for CO <sub>2</sub> capture by a solid-state heat dispersion approach. <i>Journal of Porous Materials</i> , 2020, 27, 1051-1058.	2.6	9
11	Production of Butyric Anhydride Using Single Reactive Distillation Column with Internal Material Circulation. <i>Processes</i> , 2020, 8, 1.	2.8	178
12	Experimental evaluation of separation performance of fine particles of circulatory circumfluent cyclone separator system. <i>Separation and Purification Technology</i> , 2019, 210, 231-235.	7.9	28
13	Interactions between gas-liquid mass transfer and bubble behaviours. <i>Royal Society Open Science</i> , 2019, 6, 190136.	2.4	23
14	Photocathodic Protection of Cobalt Doped ZnO Nanorod Arrays for 316 Stainless Steel and Q235 Carbon Steel in 3.5 wt.% NaCl Solution. <i>Coatings</i> , 2019, 9, 803.	2.6	5
15	Preparation and Photocathodic Protection Properties of ZnO/TiO <sub>2</sub> Heterojunction Film Under Simulated Solar Light. <i>Materials</i> , 2019, 12, 3856.	2.9	13
16	Quantitative analysis for the effects of internal flow on mass transfer processes inside rising bubbles. <i>Physics of Fluids</i> , 2019, 31, .	4.0	8
17	Numerical Investigation on Gas-solid Flow in a Circumfluent Cyclone Separator. <i>Aerosol and Air Quality Research</i> , 2019, 19, 971-980.	2.1	18
18	Adsorption separation of CO from syngas with CuCl@AC adsorbent by a VPSA process. <i>RSC Advances</i> , 2018, 8, 39362-39370.	3.6	24

#	ARTICLE	IF	CITATIONS
19	Computational fluid dynamics study on the anode feed solid polymer electrolyte water electrolysis. Korean Journal of Chemical Engineering, 2017, 34, 1630-1637.	2.7	3
20	CFD Study of Power and Mixing Time in a Vessel Agitated by Large Height Diameter Ratio Cylinder Stirrer. , 2009, , .		0