

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

320 papers	4,834 citations	34 h-index	54 g-index
336 ext. papers	6,025 ext. citations	5.1 avg, IF	6.11 L-index

#	Paper	IF	Citations
320	Non-coding RNAs as regulators in epigenetics (Review). <i>Oncology Reports</i> , <b>2017</b> , 37, 3-9	3.5	308
319	Design of Photobioreactors for Mass Cultivation of Photosynthetic Organisms. <i>Engineering</i> , <b>2017</b> , 3, 318-329	3.7	209
318	Reduced Graphene Oxide-Containing Smart Hydrogels with Excellent Electro-Response and Mechanical Properties for Soft Actuators. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 15758-15767	9.5	154
317	Preparation and application in oil/water separation of ZrO <sub>2</sub> /Ba <sub>2</sub> SO <sub>4</sub> MF membrane. <i>Journal of Membrane Science</i> , <b>1998</b> , 142, 235-243	9.6	119
316	Magnetically Responsive Superhydrophobic Surface: In Situ Reversible Switching of Water Droplet Wettability and Adhesion for Droplet Manipulation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 20150-20158	9.5	106
315	CFD simulation of hydrodynamics and mass transfer in an internal airlift loop reactor using a steady two-fluid model. <i>Chemical Engineering Science</i> , <b>2010</b> , 65, 5527-5536	4.4	85
314	Smart Hydrogels with Inhomogeneous Structures Assembled Using Nanoclay-Cross-Linked Hydrogel Subunits as Building Blocks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 21721-30	9.5	82
313	Hydrogel Walkers with Electro-Driven Motility for Cargo Transport. <i>Scientific Reports</i> , <b>2015</b> , 5, 13622	4.9	81
312	Scalable Room-Temperature Synthesis of Multi-shelled Na <sub>3</sub> (VOPO <sub>4</sub> ) <sub>2</sub> F Microsphere Cathodes. <i>Joule</i> , <b>2018</b> , 2, 2348-2363	27.8	80
311	Combining Two-Photon-Activated Fluorescence Resonance Energy Transfer and Near-Infrared Photothermal Effect of Unimolecular Micelles for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , <b>2016</b> , 10, 10489-10499	16.7	75
310	Numerical simulation of interphase mass transfer with the level set approach. <i>Chemical Engineering Science</i> , <b>2005</b> , 60, 2643-2660	4.4	74
309	Robust coordinated control for hybrid electric bus with single-shaft parallel hybrid powertrain. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 270-282	2.5	70
308	Numerical simulation of a bubble rising in shear-thinning fluids. <i>Journal of Non-Newtonian Fluid Mechanics</i> , <b>2010</b> , 165, 555-567	2.7	61
307	A new smoothness indicator for improving the weighted essentially non-oscillatory scheme. <i>Journal of Computational Physics</i> , <b>2014</b> , 269, 329-354	4.1	58
306	Experimental determination and numerical simulation of mixing time in a gas-liquid stirred tank. <i>Chemical Engineering Science</i> , <b>2009</b> , 64, 2926-2933	4.4	56
305	Influence of electron donors on the growth and activity of sulfate-reducing bacteria. <i>International Journal of Mineral Processing</i> , <b>2012</b> , 106-109, 58-64		49
304	Precipitation of valuable metals from bioleaching solution by biogenic sulfides. <i>Minerals Engineering</i> , <b>2009</b> , 22, 289-295	4.9	49

303	Unsteady motion of a single bubble in highly viscous liquid and empirical correlation of drag coefficient. <i>Chemical Engineering Science</i> , <b>2008</b> , 63, 2099-2106	4.4	47
302	CFD Modeling of Nucleation, Growth, Aggregation, and Breakage in Continuous Precipitation of Barium Sulfate in a Stirred Tank. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2009</b> , 48, 6992-7003	3.9	44
301	Potential of human dental stem cells in repairing the complete transection of rat spinal cord. <i>Journal of Neural Engineering</i> , <b>2017</b> , 14, 026005	5	43
300	CFD-PBE simulation of premixed continuous precipitation incorporating nucleation, growth and aggregation in a stirred tank with multi-class method. <i>Chemical Engineering Science</i> , <b>2012</b> , 68, 469-480	4.4	43
299	Novel Biocompatible Thermoresponsive Poly(N-vinyl Caprolactam)/Clay Nanocomposite Hydrogels with Macroporous Structure and Improved Mechanical Characteristics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 21979-21990	9.5	41
298	Rapid evolutionary divergence and ecotypic diversification of germination behavior in weedy rice populations. <i>New Phytologist</i> , <b>2011</b> , 191, 1119-1127	9.8	41
297	Numerical simulation of unsteady mass transfer by the level set method. <i>Chemical Engineering Science</i> , <b>2008</b> , 63, 3141-3151	4.4	41
296	Numerical Simulation of Liquid-Solid Flow in an Unbaffled Stirred Tank with a Pitched-Blade Turbine Downflow. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 2926-2940	3.9	40
295	Large eddy simulation of the gas-liquid flow in a stirred tank. <i>AIChE Journal</i> , <b>2008</b> , 54, 1963-1974	3.6	39
294	Measurement of phase holdups in liquid-liquid-solid three-phase stirred tanks and CFD simulation. <i>Chemical Engineering Science</i> , <b>2006</b> , 61, 7535-7550	4.4	39
293	Long non-coding RNA CCRR controls cardiac conduction via regulating intercellular coupling. <i>Nature Communications</i> , <b>2018</b> , 9, 4176	17.4	39
292	Effect of reaction engineering factors on biphasic hydroformylation of 1-dodecene catalyzed by water-soluble rhodium complex. <i>Journal of Molecular Catalysis A</i> , <b>2002</b> , 187, 35-46		37
291	Event-based distributed state estimation under deception attack. <i>Neurocomputing</i> , <b>2017</b> , 270, 145-151	5.4	36
290	Numerical simulation of turbulent flow in a baffled stirred tank with an explicit algebraic stress model. <i>Chemical Engineering Science</i> , <b>2012</b> , 69, 30-44	4.4	35
289	Experimental and Numerical Investigation on Gas Holdup and Flooding in an Aerated Stirred Tank with Rushton Impeller. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2006</b> , 45, 1141-1151	3.9	35
288	Numerical simulation of macro-mixing in liquid-liquid stirred tanks. <i>Chemical Engineering Science</i> , <b>2013</b> , 101, 272-282	4.4	34
287	Flow regime transition for cocurrent gas-liquid flow in micro-channels. <i>Chemical Engineering Science</i> , <b>2012</b> , 69, 578-586	4.4	34
286	Large Eddy Simulation of Liquid Flow in a Stirred Tank with Improved Inner-Outer Iterative Algorithm. <i>Chinese Journal of Chemical Engineering</i> , <b>2006</b> , 14, 321-329	3.2	32

285	Numerical simulation of the Marangoni effect on transient mass transfer from single moving deformable drops. <i>AIChE Journal</i> , <b>2011</b> , 57, 2670-2683	3.6	30
284	Experimental Study on Liquid-Liquid Macromixing in a Stirred Tank. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 5952-5958	3.9	30
283	Fiber-Optical Sensors: Basics and Applications in Multiphase Reactors. <i>Sensors</i> , <b>2012</b> , 12, 12519-12544	3.8	30
282	Decomposition of CO <sub>2</sub> coupled with POM in a thin tubular oxygen-permeable membrane reactor. <i>Catalysis Today</i> , <b>2009</b> , 148, 298-302	5.3	29
281	Experiment on Settling of Slender Particles with Large Aspect Ratio and Correlation of the Drag Coefficient. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2004</b> , 43, 7664-7670	3.9	29
280	Rapid mechanochemical synthesis of polyanionic cathode with improved electrochemical performance for Na-ion batteries. <i>Nature Communications</i> , <b>2021</b> , 12, 2848	17.4	29
279	A Novel NASICON-Typed Na <sub>4</sub> V <sub>2</sub> Mn <sub>0.5</sub> Fe <sub>0.5</sub> (PO <sub>4</sub> ) <sub>3</sub> Cathode for High-Performance Na-Ion Batteries. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2100729	21.8	28
278	A self-digitization chip integrated with hydration layer for low-cost and robust digital PCR. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1055, 65-73	6.6	28
277	Micro-mixing in chemical reactors: A perspective. <i>Chinese Journal of Chemical Engineering</i> , <b>2017</b> , 25, 381-390	3.9	27
276	Comprehensive Studies on the Hydrothermal Strategy for the Synthesis of Na <sub>3</sub> (VO <sub>4</sub> ) <sub>2</sub> F <sub>1+2x</sub> (0 ≤ x ≤ 1) and their Na-Storage Performance. <i>Small Methods</i> , <b>2019</b> , 3, 1800111	12.8	26
275	A therapeutic strategy for spinal cord defect: human dental follicle cells combined with aligned PCL/PLGA electrospun material. <i>BioMed Research International</i> , <b>2015</b> , 2015, 197183	3	26
274	Numerical simulation of solid-liquid turbulent flow in a stirred tank with a two-phase explicit algebraic stress model. <i>Chemical Engineering Science</i> , <b>2012</b> , 82, 272-284	4.4	26
273	Hydrodynamic Characteristics of Dual-Impeller Configurations in a Multiple-Phase Stirred Tank. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2010</b> , 49, 1001-1009	3.9	26
272	Precipitating sandy aluminium hydroxide from sodium aluminate solution by the neutralization of sodium bicarbonate. <i>Hydrometallurgy</i> , <b>2009</b> , 98, 52-57	4	26
271	Structure and Transport Properties of Water and Hydrated Ions in Nano-Confined Channels. <i>Advanced Theory and Simulations</i> , <b>2019</b> , 2, 1900016	3.5	25
270	Preparation of high-quality graphene using triggered microwave reduction under an air atmosphere. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 1829-1835	7.1	24
269	Experimental study on gas-liquid-liquid macro-mixing in a stirred tank. <i>Chemical Engineering Science</i> , <b>2012</b> , 75, 256-266	4.4	24
268	Removal and fixation of arsenic by forming a complex precipitate containing scorodite and ferrihydrite. <i>Hydrometallurgy</i> , <b>2019</b> , 186, 58-65	4	23

267	The influence of the inertially dominated outer region on the rheology of a dilute dispersion of low-Reynolds-number drops or rigid particles. <i>Journal of Fluid Mechanics</i> , <b>2011</b> , 674, 307-358	3.7	23
266	Experimental and modeling study of oxygen permeation modes for asymmetric mixed-conducting membranes. <i>Journal of Membrane Science</i> , <b>2008</b> , 322, 429-435	9.6	23
265	Sensitivity Study on Modeling an Internal Airlift Loop Reactor Using a Steady 2D Two-Fluid Model. <i>Chemical Engineering and Technology</i> , <b>2008</b> , 31, 1790-1798	2	23
264	Hydrodynamics and mass transfer in an internal airlift slurry reactor for process intensification. <i>Chemical Engineering Science</i> , <b>2018</b> , 184, 126-133	4.4	22
263	Direct simulation of the influence of the pore structure on the diffusion process in porous media. <i>Computers and Mathematics With Applications</i> , <b>2014</b> , 67, 412-423	2.7	22
262	Experimental investigation and numerical simulation of Marangoni effect induced by mass transfer during drop formation. <i>AIChE Journal</i> , <b>2013</b> , 59, 4424-4439	3.6	22
261	Modeling transport phenomena and reactions in a pilot slurry airlift loop reactor for direct coal liquefaction. <i>Chemical Engineering Science</i> , <b>2015</b> , 135, 441-451	4.4	22
260	Catalytic effect of Ag <sup>+</sup> and Cu <sup>2+</sup> on leaching realgar (As <sub>2</sub> S <sub>2</sub> ). <i>Hydrometallurgy</i> , <b>2011</b> , 106, 99-103	4	22
259	Numerical Simulation of the Marangoni Effect with Interphase Mass Transfer Between Two Planar Liquid Layers. <i>Chinese Journal of Chemical Engineering</i> , <b>2008</b> , 16, 161-170	3.2	22
258	Simulation of Barium Sulfate Precipitation using CFD and FM-PDF Modeling in a Continuous Stirred Tank. <i>Chemical Engineering and Technology</i> , <b>2007</b> , 30, 1642-1649	2	22
257	Simulation of antisolvent crystallization in impinging jets with coupled multiphase flow-micromixing-PBE. <i>Chemical Engineering Science</i> , <b>2017</b> , 171, 500-512	4.4	21
256	Numerical simulation of micro-mixing in stirred reactors using the engulfment model coupled with CFD. <i>Chemical Engineering Science</i> , <b>2016</b> , 140, 179-188	4.4	21
255	NFKB1 mediates Th1/Th17 activation in the pathogenesis of psoriasis. <i>Cellular Immunology</i> , <b>2018</b> , 331, 16-21	4.4	20
254	Mass and heat transfer from or to a single sphere in simple extensional creeping flow. <i>AIChE Journal</i> , <b>2012</b> , 58, 3214-3223	3.6	20
253	3-D Simulations of an Internal Airlift Loop Reactor using a Steady Two-Fluid Model. <i>Chemical Engineering and Technology</i> , <b>2007</b> , 30, 870-879	2	20
252	Computational Fluid Dynamics Approach to the Effect of Mixing and Draft Tube on the Precipitation of Barium Sulfate in a Continuous Stirred Tank. <i>Chinese Journal of Chemical Engineering</i> , <b>2006</b> , 14, 713-722	3.2	20
251	Mixing Characteristics and Bubble Behavior in an Airlift Internal Loop Reactor with Low Aspect Ratio. <i>Chinese Journal of Chemical Engineering</i> , <b>2014</b> , 22, 611-621	3.2	19
250	Retrospect and Perspective of Micro-mixing Studies in Stirred Tanks. <i>Chinese Journal of Chemical Engineering</i> , <b>2012</b> , 20, 178-190	3.2	19

- 249 Investigation on pressure drop characteristic and mass transfer performance of gas-liquid flow in micro-channels. *Microfluidics and Nanofluidics*, **2014**, 16, 413-423 2.8 19
- 248 Mass/heat transfer from a neutrally buoyant sphere in simple shear flow at finite Reynolds and Peclet numbers. *AIChE Journal*, **2011**, 57, 1419-1433 3.6 19
- 247 An Empirical Correlation of Drag Coefficient for a Single Bubble Rising in Non-Newtonian Liquids. *Industrial & Engineering Chemistry Research*, **2008**, 47, 9767-9772 3.9 19
- 246 Signal Peptide Peptidase, Encoded by HM13, Contributes to Tumor Progression by Affecting EGFRvIII Secretion Profiles in Glioblastoma. *CNS Neuroscience and Therapeutics*, **2017**, 23, 257-265 6.8 18
- 245 New Vision Probe Based on Telecentric Photography and Its Demonstrative Applications in a Multiphase Stirred Reactor. *Industrial & Engineering Chemistry Research*, **2017**, 56, 6608-6617 3.9 18
- 244 The interphase mass transfer in liquid-liquid systems with Marangoni effect. *European Physical Journal: Special Topics*, **2015**, 224, 389-399 2.3 18
- 243 Apparent hydrodynamic slip induced by density inhomogeneities at fluid-solid interfaces. *Soft Matter*, **2015**, 11, 6916-20 3.6 18
- 242 Numerical simulation of Marangoni effects of single drops induced by interphase mass transfer in liquid-liquid extraction systems by the level set method. *Science in China Series B: Chemistry*, **2008**, 51, 684-694 18
- 241 Advances in Biological Liquid Crystals. *Small*, **2019**, 15, e1900019 11 17
- 240 Catalytic effect of Ag<sup>+</sup> on arsenic bioleaching from orpiment (As<sub>2</sub>S<sub>3</sub>) in batch tests with *Acidithiobacillus ferrooxidans* and *Sulfobacillus sibiricus*. *Journal of Hazardous Materials*, **2015**, 283, 117-222 12.8 17
- 239 Effect of Fe(III) on the biotreatment of bioleaching solutions using sulfate-reducing bacteria. *International Journal of Mineral Processing*, **2013**, 125, 27-33 17
- 238 A weighted polygenic risk score using 14 known susceptibility variants to estimate risk and age onset of psoriasis in Han Chinese. *PLoS ONE*, **2015**, 10, e0125369 3.7 17
- 237 Multi-color cell imaging under identical excitation conditions with salicylideneaniline analogue-based fluorescent nanoparticles. *RSC Advances*, **2014**, 4, 62021-62029 3.7 17
- 236 Kinetics of hydroformylation of propylene using RhCl(CO)(TPPTS)<sub>2</sub>/TPPTS complex catalyst in aqueous system. *Catalysis Today*, **2002**, 74, 111-119 5.3 17
- 235 Simulation of a Bubble Column by Computational Fluid Dynamics and Population Balance Equation Using the Cell Average Method. *Chemical Engineering and Technology*, **2017**, 40, 1792-1801 2 16
- 234 Controlled Synthesis of Na<sub>3</sub>(VOPO<sub>4</sub>)<sub>2</sub>F Cathodes with an Ultralong Cycling Performance. *ACS Applied Energy Materials*, **2019**, 2, 7474-7482 6.1 16
- 233 Computational Fluid Dynamics Simulation and Experimental Measurement of Gas and Solid Holdup Distributions in a Gas-Liquid-Solid Stirred Reactor. *Industrial & Engineering Chemistry Research*, **2016**, 55, 3276-3286 3.9 16
- 232 Solid-liquid separation by particle-flow-instability. *Energy and Environmental Science*, **2014**, 7, 3982-3988 35.4 16

231	A novel magnet-actuated droplet manipulation platform using a floating ferrofluid film. <i>Scientific Reports</i> , <b>2017</b> , 7, 15705	4.9	16
230	Comparative study of external addition of Fe <sup>2+</sup> and inoculum on bioleaching of marmatite flotation concentrate using mesophilic and moderate thermophilic bacteria. <i>Hydrometallurgy</i> , <b>2008</b> , 93, 51-56	4	16
229	Experimental and Modeling Study on a Packed-Bed Membrane Reactor for Partial Oxidation of Methane to Formaldehyde. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>1998</b> , 37, 2601-2610	3.9	16
228	Highly selective electroreduction of N <sub>2</sub> and CO <sub>2</sub> to urea over artificial frustrated Lewis pairs. <i>Energy and Environmental Science</i> , <b>2021</b> , 14, 6605-6615	35.4	16
227	Gas-Liquid Mass Transfer Characteristics with Microbubble Aeration II. Standard Stirred Tank. <i>Chemical Engineering and Technology</i> , <b>2016</b> , 39, 945-952	2	16
226	Investigation of Mixing Performance in Passive Micromixers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 10036-10043	3.9	16
225	A fluorescent probe for simultaneously sensing NTR and hNQO1 and distinguishing cancer cells. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 6822-6827	7.3	16
224	Concurrent coupling of atomistic simulation and mesoscopic hydrodynamics for flows over soft multi-functional surfaces. <i>Soft Matter</i> , <b>2019</b> , 15, 1747-1757	3.6	15
223	One-Step Hydrothermal Fabrication of TiO <sub>2</sub> /Reduced Graphene Oxide for High-Efficiency Dye-Sensitized Solar Cells. <i>Journal of Electronic Materials</i> , <b>2018</b> , 47, 1630-1637	1.9	15
222	CFD-PBE simulation of a bubble column in OpenFOAM. <i>Chinese Journal of Chemical Engineering</i> , <b>2018</b> , 26, 1773-1784	3.2	15
221	CFD Prediction of the Critical Agitation Speed for Complete Dispersion in Liquid-Liquid Stirred Reactors. <i>Chemical Engineering and Technology</i> , <b>2011</b> , 34, 2005-2015	2	15
220	Experimental investigation of Marangoni effect in 1-hexanol/water system. <i>Chemical Engineering Science</i> , <b>2011</b> , 66, 2883-2887	4.4	15
219	A chemically stable nanoporous coordination polymer with fixed and free Cu <sup>2+</sup> ions for boosted C <sub>2</sub> H <sub>2</sub> /CO <sub>2</sub> separation. <i>Nano Research</i> , <b>2021</b> , 14, 546-553	10	15
218	Construction of a <i>Bacillus amyloliquefaciens</i> strain for high purity levan production. <i>FEMS Microbiology Letters</i> , <b>2015</b> , 362,	2.9	14
217	The potential of dental stem cells differentiating into neurogenic cell lineage after cultivation in different modes in vitro. <i>Cellular Reprogramming</i> , <b>2014</b> , 16, 379-91	2.1	14
216	Micromixing of Solid-liquid Systems in a Stirred Tank with Double Impellers. <i>Chemical Engineering and Technology</i> , <b>2013</b> , 36, 443-449	2	14
215	Crystallization of aluminium hydroxide from the reactive NaAl(OH) <sub>4</sub> /NaHCO <sub>3</sub> solution: Experiment and modeling. <i>Chemical Engineering Science</i> , <b>2010</b> , 65, 4906-4912	4.4	14
214	Artificial frustrated Lewis pairs facilitating the electrochemical N <sub>2</sub> and CO <sub>2</sub> conversion to urea. <i>Chem Catalysis</i> , <b>2022</b> , 2, 309-320		14



- 213 Unsteady conjugate mass transfer from a spherical drop in simple extensional creeping flow. *Chemical Engineering Science*, **2012**, 79, 29-40 4.4 13
- 212 Design and Analysis of a Submerged Membrane Reactor by CFD Simulation. *Chemical Engineering and Technology*, **2013**, 36, 1874-1882 2 13
- 211 Experimental investigation and numerical simulation of mass transfer during drop formation. *Chemical Engineering Science*, **2010**, 65, 5517-5526 4.4 13
- 210 Common housekeeping proteins are upregulated in colorectal adenocarcinoma and hepatocellular carcinoma, making the total protein a better "housekeeper". *Oncotarget*, **2016**, 7, 66679-66688 3.3 13
- 209 Failure Mechanism of Primary Support for a Shallow and Asymmetrically Loaded Tunnel Portal and Treatment Measures. *Journal of Performance of Constructed Facilities*, **2020**, 34, 04019105 2 13
- 208 Quality Enhancement for Intra Frame Coding Via Cnns: An Adversarial Approach **2018**, 13
- 207 Preparation, growth mechanism, size manipulation and near-infrared luminescence enhancement of  $\text{NaYF}_4:\text{Nd}^{3+}$  microcrystals via  $\text{Ca}^{2+}$  doping. *CrystEngComm*, **2019**, 21, 741-748 3.3 12
- 206 Seasonal influenza vaccine effectiveness against medically attended influenza illness among children aged 6-59 months, October 2011-September 2012: A matched test-negative case-control study in Suzhou, China. *Vaccine*, **2016**, 34, 2460-2465 4.1 12
- 205 Preparation of edible superhydrophobic Fe foil with excellent stability and durability and its applications in food containers with little residue. *New Journal of Chemistry*, **2019**, 43, 2908-2919 3.6 12
- 204 Large Eddy Simulation of Turbulent Flow and Mixing Time in a Gas-Liquid Stirred Tank. *Industrial & Engineering Chemistry Research*, **2012**, 51, 10124-10131 3.9 12
- 203 Influence of  $\text{Mg}^{2+}$  on the growth and activity of sulfate reducing bacteria. *Hydrometallurgy*, **2009**, 95, 127-134 4 12
- 202 Mn-Rich Phosphate Cathodes for Na-Ion Batteries with Superior Rate Performance. *ACS Energy Letters*, **2021**, 97-107 20.1 12
- 201 Numerical Simulation of Turbulent Flow and Mixing in Gas-Liquid-Liquid Stirred Tanks. *Industrial & Engineering Chemistry Research*, **2017**, 56, 13050-13063 3.9 12
- 200 Bubble formation in continuous liquid phase under industrial jetting conditions. *Chemical Engineering Science*, **2019**, 200, 214-224 4.4 12
- 199 Integrative methylome and transcriptome analysis to dissect key biological pathways for psoriasis in Chinese Han population. *Journal of Dermatological Science*, **2018**, 91, 285-291 4.3 12
- 198 EGFR/EGFRvIII remodels the cytoskeleton via epigenetic silencing of AJAP1 in glioma cells. *Cancer Letters*, **2017**, 403, 119-127 9.9 11
- 197 Optimization of permethyl ningalin B analogs as P-glycoprotein inhibitors. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 5566-73 3.4 11
- 196 Fine-mapping analysis of the MHC region for vitiligo based on a new Han-MHC reference panel. *Gene*, **2018**, 648, 76-81 3.8 11



195	Modeling and Numerical Simulation of Yield Viscoplastic Fluid Flow in Concentric and Eccentric Annuli. <i>Chinese Journal of Chemical Engineering</i> , <b>2012</b> , 20, 191-202	3.2	11
194	Extending the structure-activity relationship study of marine natural ningalin B analogues as P-glycoprotein inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 125, 795-806	6.8	11
193	Experimental study on the dispersed phase macro-mixing in an immiscible liquid-liquid stirred reactor. <i>Chemical Engineering Science</i> , <b>2015</b> , 126, 196-203	4.4	11
192	CFD-based optimization and design of multi-channel inorganic membrane tubes. <i>Chinese Journal of Chemical Engineering</i> , <b>2016</b> , 24, 1375-1385	3.2	10
191	Beta-cyclodextrin-based molecular-recognizable smart microcapsules for controlled release. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 6862-6871	4.3	10
190	Numerical Simulation of the Solute-Induced Marangoni Effect with the Semi-Lagrangian Advection Scheme. <i>Chemical Engineering and Technology</i> , <b>2015</b> , 38, 155-163	2	10
189	Modification of marine natural product ningalin B and SAR study lead to potent P-glycoprotein inhibitors. <i>Marine Drugs</i> , <b>2014</b> , 12, 5209-21	6	10
188	Fully-air processed Al-doped TiO <sub>2</sub> nanorods perovskite solar cell using commercial available carbon instead of hole transport materials and noble metal electrode. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 3759-3766	2.1	10
187	Scaling behavior of dynamic hysteresis in Bi <sub>3.15</sub> Nd <sub>0.85</sub> Ti <sub>3</sub> O <sub>12</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 7755-7759	2.1	9
186	Optimized Stirred Reactor for Enhanced Particle Dispersion. <i>Chemical Engineering and Technology</i> , <b>2016</b> , 39, 680-688	2	9
185	Optimized Fabrication of TiO <sub>2</sub> Nanotubes Array/SnO <sub>2</sub> -Sb/Fe-Doped PbO <sub>2</sub> Electrode and Application in Electrochemical Treatment of Dye Wastewater. <i>Journal of Electronic Materials</i> , <b>2018</b> , 47, 5965-5972	1.9	9
184	Effects of synthetic food colorants on the interaction between norfloxacin and bovine serum albumin by fluorescence spectroscopy. <i>Monatshefte für Chemie</i> , <b>2012</b> , 143, 401-408	1.4	9
183	Synthesis of Uniformly Spherical Bayerite from a Sodium Aluminate Solution Reacted with Sodium Bicarbonate. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 12710-12716	3.9	9
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