

# Chao Yang

## List of Publications by Year in Descending Order

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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
3 <sup>20</sup>	Nanoarchitectonics of nitrogen-doped porous carbon derived from leather wastes for solid-state supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2022</b> , 33, 4887	2.1	1
3 <sup>19</sup>	Modeling the Viscoelastic Behavior of Quartz and Clay Minerals in Shale by Nanoindentation Creep Tests. <i>Geofluids</i> , <b>2022</b> , 2022, 1-16	1.5	2
3 <sup>18</sup>	An effectiveness factor model for slurry phase olefin polymerizations. <i>Chemical Engineering Science</i> , <b>2022</b> , 251, 117429	4.4	1
3 <sup>17</sup>	Numerical evaluation of virtual mass force coefficient of single solid particles in acceleration. <i>Chinese Journal of Chemical Engineering</i> , <b>2022</b> , 41, 210-219	3.2	0
3 <sup>16</sup>	External mass transfer from/to a single sphere in a nonlinear uniaxial extensional creeping flow. <i>Chinese Journal of Chemical Engineering</i> , <b>2022</b> , 41, 230-245	3.2	2
3 <sup>15</sup>	Effects of substituting soybean meal with corn on immune function and gene expression of gut TLR4 pathway of growing goats.. <i>PeerJ</i> , <b>2022</b> , 10, e12910	3.1	
3 <sup>14</sup>	Kinetics and population balance modeling of antisolvent crystallization of polymorphic indomethacin. <i>Chemical Engineering Journal</i> , <b>2022</b> , 428, 132591	14.7	1
3 <sup>13</sup>	Linearized Model for MIMO-MFSK Systems with Energy Detection. <i>IEEE Communications Letters</i> , <b>2022</b> , 1-1	3.8	0
3 <sup>12</sup>	Design of choline chloride modified USY zeolites for palladium-catalyzed acetylene hydrochlorination.. <i>RSC Advances</i> , <b>2022</b> , 12, 9923-9932	3.7	0
3 <sup>11</sup>	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
3 <sup>10</sup>	Effect of Naphthenic Acid and Metal Ions on Emulsification of Heavy Oil. <i>Energy &amp; Fuels</i> , <b>2022</b> , 36, 2561-2571	4.1	
3 <sup>09</sup>	AdpA, a developmental regulator, promotes poly-L-lysine biosynthesis in <i>Streptomyces albus</i> .. <i>Microbial Cell Factories</i> , <b>2022</b> , 21, 60	6.4	2
3 <sup>08</sup>	A pathway of the generation of acid mine drainage and release of arsenic in the bioleaching of orpiment.. <i>Chemosphere</i> , <b>2022</b> , 298, 134287	8.4	
3 <sup>07</sup>	Using Nanoindentation to Characterize the Mechanical and Creep Properties of Shale: Load and Loading Strain Rate Effects.. <i>ACS Omega</i> , <b>2022</b> , 7, 14317-14331	3.9	0
3 <sup>06</sup>	Rapid and Solvent-Free Mechanochemical Synthesis of Na Iron Hexacyanoferrate for High-Performance Na-Ion Batteries. <i>Materials Today Energy</i> , <b>2022</b> , 101027	7	0
3 <sup>05</sup>	Supplementing Mannan Oligosaccharide Reduces the Passive Transfer of Immunoglobulin G and Improves Antioxidative Capacity, Immunity, and Intestinal Microbiota in Neonatal Goats.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 795081	5.7	0
3 <sup>04</sup>	DEM-VOF simulations on the drawdown mechanisms of floating particles at free surface in turbulent stirred tanks. <i>Chemical Engineering Journal</i> , <b>2021</b> , 133275	14.7	0

303	Modeling total drag force exerted on particles in dense swarm from experimental measurements using an inline image-based method. <i>Chemical Engineering Journal</i> , <b>2021</b> , 431, 133485	14.7	0
302	Isolated mixing regions and mixing enhancement in a high-viscosity laminar stirred tank. <i>Chinese Journal of Chemical Engineering</i> , <b>2021</b> , 41, 176-176	3.2	1
301	Mn-Rich Phosphate Cathodes for Na-Ion Batteries with Superior Rate Performance. <i>ACS Energy Letters</i> , <b>2021</b> , 97-107	20.1	12
300	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
299	InOOH as an efficient bidirectional catalyst for accelerated polysulfides conversion to enable high-performance lithium-sulfur batteries.. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 610, 418-426	9.3	0
298	The large deformation mechanism of Xietan sewage-treatment plant slope in the Three Gorges Reservoir, China. <i>Arabian Journal of Geosciences</i> , <b>2021</b> , 14, 1	1.8	
297	Genome-wide analysis of DNA methylation in 106 schizophrenia family trios in Han Chinese. <i>EBioMedicine</i> , <b>2021</b> , 72, 103609	8.8	1
296	Machine learning-based solubility prediction and methodology evaluation of active pharmaceutical ingredients in industrial crystallization. <i>Frontiers of Chemical Science and Engineering</i> , <b>2021</b> , 1	4.5	1
295	Low-protein diets supplemented with methionine and lysine alter the gut microbiota composition and improve the immune status of growing lambs. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 8393-8410	5.7	6
294	Measurement methods of particle size distribution in emulsion polymerization. <i>Chinese Journal of Chemical Engineering</i> , <b>2021</b> ,	3.2	4
293	Visual dynamical measurement of the solute-induced Marangoni effect of a growing drop with a PLIF method. <i>Chemical Engineering Science</i> , <b>2021</b> , 233, 116401	4.4	3
292	Surface Settlement Control in the Excavation of a Shallow Intersection between a Double-Arched Tunnel and a Connection Tunnel. <i>International Journal of Geomechanics</i> , <b>2021</b> , 21, 04021035	3.1	3
291	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
290	Molecular Dynamics Simulation Reveals Unique Rheological and Viscosity-Temperature Properties of Karamay Heavy Crude Oil. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 7956-7966	4.1	3
289	Multiscale Model of the RTM Process: From Mesoscale Anisotropic Permeability of Woven Structures to Macroscale Resin Impregnation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 8269-8279	3.9	1
288	Multifunctional Injectable Hydrogel Loaded with Cerium-Containing Bioactive Glass Nanoparticles for Diabetic Wound Healing. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	9
287	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
286	Robust, Multiresponsive, Superhydrophobic, and Oleophobic Nanocomposites via a Highly Efficient Multifluorination Strategy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 28949-28961	9.5	8

285	Influences of fluid physical properties, solid particles, and operating conditions on the hydrodynamics in slurry reactors. <i>Chinese Journal of Chemical Engineering</i> , <b>2021</b> ,	3.2	0
284	Urea Melt Marbles Developed by Enwrapping Urea Melt Droplets with Superhydrophobic Particles: Preparation, Properties, and Application in Large Urea Granule Production. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100253	4.6	2
283	Dynamics of rumen bacterial composition of yak () in response to dietary supplements during the cold season. <i>PeerJ</i> , <b>2021</b> , 9, e11520	3.1	2
282	Three-dimensional Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> @carbon/N-doped graphene aerogel: A versatile cathode and anode host material with high-rate and ultralong-life for sodium storage. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 869, 159307	5.7	9
281	O <sub>3</sub> -NaFeNiMnAlO Cathodes with Improved Air Stability for Na-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 33015-33023	9.5	7
280	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
279	A perspective review on mixing effect for modeling and simulation of reactive and antisolvent crystallization processes. <i>Reaction Chemistry and Engineering</i> , <b>2021</b> , 6, 183-196	4.9	3
278	Investigation of hydrodynamics and mass transfer in an internal loop airlift slurry reactor integrating mixing and separation. <i>Separation and Purification Technology</i> , <b>2021</b> , 259, 118209	8.3	0
277	State dependence of magnetized fluidized bed reactor on operation mode. <i>Chemical Engineering Journal</i> , <b>2021</b> , 407, 127211	14.7	8
276	Study on the Numerical Model of Dense Solid Suspension Driven by a Coaxial Mixer. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 1939-1951	3.9	1
275	Transcriptome analysis reveals liver metabolism programming in kids from nutritional restricted goats during mid-gestation. <i>PeerJ</i> , <b>2021</b> , 9, e10593	3.1	2
274	High Response Formic Acid Gas Sensor Based on MoS <sub>2</sub> Nanosheets. <i>IEEE Nanotechnology Magazine</i> , <b>2021</b> , 20, 177-184	2.6	8
273	UV-Assisted One-Step Synthesis of Ternary Graphene/Polypyrrole/Silver Nanocomposites for Supercapacitors. <i>Energy Technology</i> , <b>2021</b> , 9, 2000966	3.5	4
272	Molecular Simulations on Tuning the Interlayer Spacing of Graphene Nanoslits for C <sub>4</sub> H <sub>6</sub> /C <sub>4</sub> H <sub>10</sub> Separation. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 1994-2001	5.6	1
271	Changes of Intestinal Oxidative Stress, Inflammation, and Gene Expression in Neonatal Diarrhoea Kids. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 598691	3.1	4
270	Process Intensification in Pneumatically Agitated Slurry Reactors. <i>Engineering</i> , <b>2021</b> , 7, 304-325	9.7	4
269	Chen Jiayong: Pioneer in Hydrometallurgy and Chemical Engineering Disciplines. <i>Chinese Journal of Chemical Engineering</i> , <b>2021</b> , 41, 2-2	3.2	
268	Recycling Cathodes From Spent Lithium-Ion Batteries Based on the Selective Extraction of Lithium. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 10196-10204	8.3	2

267	Tetraphenyladamantane-based microporous polyaminals for efficient adsorption of CO <sub>2</sub> , H <sub>2</sub> and organic vapors. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 323, 111206	5.3	5
266	The effect of electric pulse aided ultrasonic rolling processing on the microstructure evolution, surface properties, and fatigue properties of a titanium alloy Ti5Al4Mo6V2Nb1Fe. <i>Surface and Coatings Technology</i> , <b>2021</b> , 421, 127408	4.4	0
265	Molecular dynamics simulation of the interface properties of continuous carbon fiber/ polyimide composites. <i>Applied Surface Science</i> , <b>2021</b> , 563, 150370	6.7	2
264	High-performance, multi-functional and well-dispersed graphene/epoxy nanocomposites via internal antiplasticization and $\pi$ interactions. <i>Composites Science and Technology</i> , <b>2021</b> , 215, 109008	8.6	5
263	A promoter engineering-based strategy enhances polyhydroxyalkanoate production in <i>Pseudomonas putida</i> KT2440. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 191, 608-617	7.9	3
262	A "double-locked" probe for the detection of hydrogen sulfide in a viscous system. <i>Chemical Communications</i> , <b>2021</b> , 57, 6604-6607	5.8	5
261	Interfacial Diffusion of Hydrated Ion on Graphene Surface: A Molecular Simulation Study. <i>Langmuir</i> , <b>2020</b> , 36, 13613-13620	4	6
260	Leveraging the Hermes Transposon to Accelerate the Development of Nonconventional Yeast-based Microbial Cell Factories. <i>ACS Synthetic Biology</i> , <b>2020</b> , 9, 1736-1752	5.7	2
259	Separation of 1-Butene and 2-Butene Isomers via Nanoporous Graphene: A Molecular Simulation Study. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 9215-9222	3.9	2
258	Chemical Kinetic Model of Multicomponent Gasoline Surrogate Fuel with Nitric Oxide in HCCI Combustion. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1
257	EGFR-vIII downregulated H2AZK4/7AC though the PI3K/AKT-HDAC2 axis to regulate cell cycle progression. <i>Clinical and Translational Medicine</i> , <b>2020</b> , 9, 10	5.7	8
256	Fabrication of Superhydrophobic Ti/SnO <sub>2</sub> -Sb/PbO <sub>2</sub> /Fe-PbO <sub>2</sub> -PTFE Electrode and Application in Wastewater Treatment. <i>Journal of Electronic Materials</i> , <b>2020</b> , 49, 2411-2418	1.9	7
255	Reduction in Serum High-Sensitivity C-Reactive Protein Favors Kidney Outcomes in Patients with Impaired Fasting Glucose or Diabetes. <i>Journal of Diabetes Research</i> , <b>2020</b> , 2020, 2720905	3.9	1
254	Numerical simulation of micro-mixing in gas-liquid and solid-liquid stirred tanks with the coupled CFD-E-model. <i>Chinese Journal of Chemical Engineering</i> , <b>2020</b> , 28, 2235-2247	3.2	4
253	A Study of Strength Mechanism of Mixed Red Mud and the Influence of Acid. <i>Environmental Engineering Science</i> , <b>2020</b> , 37, 272-282	2	0
252	Hydrodynamics of gas phase in a shallow bubble column from in-line photography. <i>Chemical Engineering Science</i> , <b>2020</b> , 221, 115703	4.4	5
251	Molecule design of effective C <sub>2</sub> H <sub>4</sub> /C <sub>2</sub> H <sub>6</sub> separation membranes: From 2D nanoporous graphene to 3D AHT zeolite. <i>Journal of Membrane Science</i> , <b>2020</b> , 604, 118033	9.6	1
250	Core-mediated synthesis, growth mechanism and near-infrared luminescence enhancement of NaGdF <sub>4</sub> @NaLuF <sub>4</sub> :Nd <sup>3+</sup> core-shell nanocrystals. <i>CrystEngComm</i> , <b>2020</b> , 22, 1359-1367	3.3	5

249	Antisolvent Crystallization of L-histidine in Micro-Channel Reactor under Microgravity. <i>Microgravity Science and Technology</i> , <b>2020</b> , 32, 27-33	1.6	1
248	Time-averaged serum uric acid and 10-year incident diabetic kidney disease: A prospective study from China. <i>Journal of Diabetes</i> , <b>2020</b> , 12, 169-178	3.8	1
247	Unsteady conjugate mass transfer of a 2D deformable droplet in a modest extensional flow in across-slot. <i>Canadian Journal of Chemical Engineering</i> , <b>2020</b> , 98, 804-817	2.3	0
246	Failure Mechanism of Primary Support for a Shallow and Asymmetrically Loaded Tunnel Portal and Treatment Measures. <i>Journal of Performance of Constructed Facilities</i> , <b>2020</b> , 34, 04019105	2	13
245	Fusing Mobile Phone and Travel Survey Data to Model Urban Activity Dynamics. <i>Journal of Advanced Transportation</i> , <b>2020</b> , 2020, 1-17	1.9	2
244	Biomass-derived cellulose nanoparticles display considerable neurotoxicity in zebrafish. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 165, 1783-1792	7.9	1
243	Multifunctional Natural Polymer Nanoparticles as Antifibrotic Gene Carriers for CKD Therapy. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2020</b> , 31, 2292-2311	12.7	9
242	Curing behaviors and properties of epoxy resins with para-hexatomic ring blocks: Excellent comprehensive performances of tetrafluorophenyl. <i>Polymer</i> , <b>2020</b> , 206, 122828	3.9	8
241	Hydrodynamics of gas phase under typical industrial gassing rates in a gas-liquid stirred tank using intrusive image-based method. <i>Chemical Engineering Science</i> , <b>2020</b> , 227, 115923	4.4	4
240	Numerical Study on Bubble Rising in Complex Channels Saturated with Liquid Using a Phase-Field Lattice-Boltzmann Method. <i>Processes</i> , <b>2020</b> , 8, 1608	2.9	3
239	Hydrodynamics and mass transfer in a slurry external airlift loop reactor integrating mixing and separation. <i>Chemical Engineering Science</i> , <b>2020</b> , 211, 115294	4.4	8
238	Exome-Wide Rare Loss-of-Function Variant Enrichment Study of 21,347 Han Chinese Individuals Identifies Four Susceptibility Genes for Psoriasis. <i>Journal of Investigative Dermatology</i> , <b>2020</b> , 140, 799-805.e1	4.3	2
237	Controlled Synthesis of Na <sub>3</sub> (VOPO <sub>4</sub> ) <sub>2</sub> F Cathodes with an Ultralong Cycling Performance. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 7474-7482	6.1	16
236	Effects of internals on phase holdup and backmixing in a slightly-expanded-bed reactor with gas-liquid concurrent upflow. <i>Chinese Journal of Chemical Engineering</i> , <b>2019</b> , 27, 2273-2283	3.2	2
235	Joint association of body mass index and central obesity with cardiovascular events and all-cause mortality in prediabetic population: A prospective cohort study. <i>Obesity Research and Clinical Practice</i> , <b>2019</b> , 13, 453-461	5.4	3
234	Preparation, growth mechanism, size manipulation and near-infrared luminescence enhancement of NaYF <sub>4</sub> :Nd <sup>3+</sup> microcrystals via Ca <sup>2+</sup> doping. <i>CrystEngComm</i> , <b>2019</b> , 21, 741-748	3.3	12
233	p.E95K mutation in Indian hedgehog causing brachydactyly type A1 impairs IHH/Gli1 downstream transcriptional regulation. <i>BMC Genetics</i> , <b>2019</b> , 20, 10	2.6	4
232	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

231	Preparation of AgCl Particles with Different Superwettabilities by Particle Size Regulation. <i>Langmuir</i> , <b>2019</b> , 35, 7944-7953	4	4
230	Numerical simulation and experimental investigation of multiphase mass transfer process for industrial applications in China. <i>Reviews in Chemical Engineering</i> , <b>2019</b> , 36, 187-214	5	2
229	Particle-resolved simulation of packed beds by non-body conforming locally refined orthogonal hexahedral mesh. <i>Chinese Journal of Chemical Engineering</i> , <b>2019</b> , 27, 2635-2642	3.2	5
228	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
227	Separation of diverse alkenes from C2-C4 alkanes through nanoporous graphene membranes via local size sieving. <i>Journal of Membrane Science</i> , <b>2019</b> , 584, 227-235	9.6	7
226	Unsteady conjugate mass and heat transfer from/to a prolate spheroidal droplet in uniaxial extensional creeping flow. <i>International Journal of Heat and Mass Transfer</i> , <b>2019</b> , 134, 1180-1190	4.9	6
225	MicroRNA-132 regulates total protein of Nav1.1 and Nav1.2 in the hippocampus and cortex of rat with chronic cerebral hypoperfusion. <i>Behavioural Brain Research</i> , <b>2019</b> , 366, 118-125	3.4	7
224	Advances in Biological Liquid Crystals. <i>Small</i> , <b>2019</b> , 15, e1900019	11	17
223	Design of Epichlorohydrin-Oriented Quaternary System Separation via Hybrid ExtractionDistillation Process. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 4534-4545	3.9	1
222	Enhanced Micromixing of Non-Newtonian Fluids by a Novel Zigzag Punched Impeller. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 6822-6829	3.9	8
221	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
220	Computational screening of zeolites for C3H7Cl/C3H5Cl separation and a conformation based separation mechanism. <i>Chemical Engineering Science</i> , <b>2019</b> , 203, 212-219	4.4	3
219	Conformation-induced separation of 3-chloropropene from 1-chloropropane through nanoporous monolayer graphenes. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 5170-5177	3.6	2
218	Comprehensive Studies on the Hydrothermal Strategy for the Synthesis of Na3(VO1□PO4)2F1+2x (0 ≤ x ≤ 1) and their Na-Storage Performance. <i>Small Methods</i> , <b>2019</b> , 3, 1800111	12.8	26
217	Analysis of Wetting Behavior and Solidification Process of Molten Urea on a Superhydrophobic Surface and Its Application in Large Granular Urea Production. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 14906-14914	8.3	6
216	New invasive image velocimetry applicable to dense multiphase flows and its application in solid□liquid suspensions. <i>AIChE Journal</i> , <b>2019</b> , 65, e16668	3.6	6
215	Light Field Image Compression via CNN-Based EPI Super-Resolution and Decoder-Side Quality Enhancement. <i>IEEE Access</i> , <b>2019</b> , 7, 135982-135998	3.5	5
214	Solubility and thermodynamics of polymorphic indomethacin in binary solvent mixtures. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 295, 111717	6	8

213	Preparation of edible superhydrophobic Fe foil with excellent stability and durability and its applications in food containers with little residue. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 2908-2919	3.6	12
212	Arching Effect between the Pipes of a Pipe Umbrella Support System in a Shallow-Buried Tunnel. <i>KSCE Journal of Civil Engineering</i> , <b>2019</b> , 23, 5215-5225	1.9	2
211	Visual Study on the Interphase Mass Transfer of Immiscible Liquid-Liquid System in a Stirred Tank. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 21785-21796	3.9	5
210	The Cell Model Approach to Solid Particle Assemblages: Further Justifications <b>2019</b> , 352-357		
209	Effect of inertia on the mass/heat transfer from a neutrally buoyant sphere at finite Reynolds number in simple shear flow <b>2019</b> , 83-86		
208	Bubble formation in continuous liquid phase under industrial jetting conditions. <i>Chemical Engineering Science</i> , <b>2019</b> , 200, 214-224	4.4	12
207	Failure Mechanism of Phosphors in GaN-Based White LEDs. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2019</b> , 216, 1800335	1.6	8
206	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
205	HLA-IMPUTER: an easy to use web application for HLA imputation and association analysis using population-specific reference panels. <i>Bioinformatics</i> , <b>2019</b> , 35, 1244-1246	7.2	2
204	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
203	Numerical simulation of reactive mixing process in a stirred reactor with the DQMOM-IEM model. <i>Chemical Engineering Journal</i> , <b>2019</b> , 360, 1177-1187	14.7	4
202	Meta-Analysis Identifies Major Histocompatibility Complex Loci in or Near HLA-DRB1, HLA-DQA1, HLA-C as Associated with Leprosy in Chinese Han Population. <i>Journal of Investigative Dermatology</i> , <b>2019</b> , 139, 957-960	4.3	8
201	Double-shelled ZnO/TiO <sub>2</sub> /CdS nanorod arrays for enhanced photoelectrocatalytic performance. <i>Journal of Porous Materials</i> , <b>2019</b> , 26, 903-912	2.4	6
200	Clinical features and long-term outcomes of diabetic kidney disease - A prospective cohort study from China. <i>Journal of Diabetes and Its Complications</i> , <b>2019</b> , 33, 39-45	3.2	9
199	Bubble induced turbulence model improved by direct numerical simulation of bubbly flow. <i>Chemical Engineering Journal</i> , <b>2019</b> , 377, 120001	14.7	7
198	Complete chloroplast genome of <i>Cinnamomum japonicum</i> (Laurales: Lauraceae), an endangered tree species. <i>Conservation Genetics Resources</i> , <b>2019</b> , 11, 267-269	0.8	1
197	Bach2 regulates aberrant activation of B cell in systemic lupus erythematosus and can be negatively regulated by BCR-ABL/PI3K. <i>Experimental Cell Research</i> , <b>2018</b> , 365, 138-144	4.2	6
196	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



195	Fine-mapping analysis of the MHC region for vitiligo based on a new Han-MHC reference panel. <i>Gene</i> , <b>2018</b> , 648, 76-81	3.8	11
194	Characterization of the complete chloroplast genome sequence of <i>Tapiscia sinensis</i> (Tapisciaceae). <i>Conservation Genetics Resources</i> , <b>2018</b> , 10, 765-768	0.8	3
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