

Yang-Cheng Lu

List of Publications by Year in descending order

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160
papers

3,827
citations

126708

33
h-index

182168

51
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all docs

160
docs citations

160
times ranked

3473
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ preparation of magnetic chitosan/Fe ₃ O ₄ composite nanoparticles in tiny pools of water-in-oil microemulsion. <i>Reactive and Functional Polymers</i> , 2006, 66, 1552-1558.	2.0	192
2	Ca(II) imprinted chitosan microspheres: An effective and green adsorbent for the removal of Cu(II), Cd(II) and Pb(II) from aqueous solutions. <i>Chemical Engineering Journal</i> , 2014, 244, 202-208.	6.6	189
3	Determination of Dynamic Interfacial Tension and Its Effect on Droplet Formation in the T-Shaped Microdispersion Process. <i>Langmuir</i> , 2009, 25, 2153-2158.	1.6	137
4	Controllable preparation of particles with microfluidics. <i>Particuology</i> , 2011, 9, 545-558.	2.0	110
5	Mass transfer performance of gas-liquid segmented flow in microchannels. <i>Chemical Engineering Journal</i> , 2012, 181-182, 229-235.	6.6	97
6	Generation of micromonodispersed droplets and bubbles in the capillary embedded T-junction microfluidic devices. <i>AIChE Journal</i> , 2011, 57, 299-306.	1.8	77
7	An improved synthesis of chitosan bead for Pb(II) adsorption. <i>Chemical Engineering Journal</i> , 2013, 226, 271-278.	6.6	73
8	Characterization and modeling of micromixing performance in micropore dispersion reactors. <i>Chemical Engineering and Processing: Process Intensification</i> , 2010, 49, 740-747.	1.8	72
9	Mass transfer characteristic in the formation stage of gas-liquid segmented flow in microchannel. <i>Chemical Engineering Journal</i> , 2012, 185-186, 314-320.	6.6	71
10	Synthesis of Hierarchical Iron Hydrogen Phosphate Crystal as a Robust Peroxidase Mimic for Stable H ₂ O ₂ Detection. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14433-14438.	4.0	69
11	Monodispersed microcapsules enclosing ionic liquid of 1-butyl-3-methylimidazolium hexafluorophosphate. <i>Reactive and Functional Polymers</i> , 2007, 67, 81-86.	2.0	64
12	Optimization of Composition of a Directly Combined Catalyst in Dibenzothiophene Oxidation for Deep Desulfurization. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 1447-1451.	1.8	59
13	Kinetics research on fast exothermic reaction between cyclohexanecarboxylic acid and oleum in microreactor. <i>Chemical Engineering Journal</i> , 2011, 169, 290-298.	6.6	59
14	Generating microbubbles in a co-flowing microfluidic device. <i>Chemical Engineering Science</i> , 2013, 100, 486-495.	1.9	54
15	Intensification of fast exothermic reaction by gas agitation in a microchemical system. <i>AIChE Journal</i> , 2014, 60, 2724-2730.	1.8	51
16	Preparation of microcapsules containing ionic liquids with a new solvent extraction system. <i>Reactive and Functional Polymers</i> , 2008, 68, 1260-1265.	2.0	46
17	Low-temperature bonding of poly-(methyl methacrylate) microfluidic devices under an ultrasonic field. <i>Journal of Micromechanics and Microengineering</i> , 2009, 19, 015035.	1.5	45
18	Microdroplet coalescences at microchannel junctions with different collision angles. <i>AIChE Journal</i> , 2013, 59, 643-649.	1.8	45

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19	Controllable preparation of microscale tubes with multiphase co-laminar flow in a double co-axial microdevice. <i>Lab on A Chip</i> , 2009, 9, 3282.	3.1	43
20	Controllable Preparation of Poly(butyl acrylate) by Suspension Polymerization in a Coaxial Capillary Microreactor. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 11853-11862.	1.8	43
21	Strategy for Scaling-up of a Microsieve Dispersion Reactor. <i>Chemical Engineering and Technology</i> , 2014, 37, 2116-2122.	0.9	42
22	Determination of kinetic parameters of dehydrochlorination of dichloropropanol in a microreactor. <i>Chemical Engineering Journal</i> , 2012, 203, 142-147.	6.6	41
23	Mixing characterization and scaling-up analysis of asymmetrical T-shaped micromixer: Experiment and CFD simulation. <i>Chemical Engineering Journal</i> , 2012, 181-182, 597-606.	6.6	40
24	Liquid-liquid microflows and mass transfer performance in slit-like microchannels. <i>Chemical Engineering Journal</i> , 2014, 258, 34-42.	6.6	40
25	Preparation and the hydrogenation performance of a novel catalyst-Pd nanoparticles loaded on glass beads with an egg-shell structure. <i>Chemical Engineering Journal</i> , 2011, 173, 226-232.	6.6	38
26	Liquid-Liquid Equilibria for Benzene + Cyclohexane + 1-Butyl-3-methylimidazolium Hexafluorophosphate. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 510-512.	1.0	37
27	Preparation of FePO ₄ nano-particles by coupling fast precipitation in membrane dispersion microcontactor and hydrothermal treatment. <i>Chemical Engineering Journal</i> , 2012, 210, 18-25.	6.6	37
28	Separation and concentration of lactic acid by electro-electrodialysis. <i>Separation and Purification Technology</i> , 2008, 60, 308-314.	3.9	36
29	Generating gas/liquid/liquid three-phase microdispersed systems in double T-junctions microfluidic device. <i>Microfluidics and Nanofluidics</i> , 2010, 8, 813-821.	1.0	36
30	Beckmann rearrangement in a microstructured chemical system for the preparation of ϵ -caprolactam. <i>AIChE Journal</i> , 2012, 58, 925-931.	1.8	36
31	Process intensification of H ₂ O ₂ extraction using gas-liquid-liquid microdispersion system. <i>Separation and Purification Technology</i> , 2011, 80, 225-234.	3.9	35
32	Direct measurement of the differential pressure during drop formation in a co-flow microfluidic device. <i>Lab on A Chip</i> , 2014, 14, 1357.	3.1	35
33	Controllable Preparation of SiO ₂ Nanoparticles Using a Microfiltration Membrane Dispersion Microreactor. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 8536-8541.	1.8	34
34	Process intensification of catalytic hydrogenation of ethylanthraquinone with gas-liquid microdispersion. <i>AIChE Journal</i> , 2012, 58, 1326-1335.	1.8	34
35	Construction of a cathode using amorphous FePO ₄ nanoparticles for a high-power/energy-density lithium-ion battery with long-term stability. <i>Journal of Power Sources</i> , 2016, 324, 52-60.	4.0	34
36	LiNi _{0.5} Mn _{1.5} O ₄ microrod with ultrahigh Mn ³⁺ content: A high performance cathode material for lithium ion battery. <i>Electrochimica Acta</i> , 2019, 305, 433-442.	2.6	34

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37	Two-phase electro-electrodialysis for recovery and concentration of citric acid. Separation and Purification Technology, 2004, 38, 265-271.	3.9	33
38	Development of a gas-liquid microstructured system for oxidation of hydrogenated 2-ethyltetrahydroanthraquinone. Chemical Engineering Journal, 2011, 171, 1406-1414.	6.6	31
39	Reducing side product by enhancing mass-transfer rate. AIChE Journal, 2006, 52, 4207-4213.	1.8	30
40	Experimental study of microbubble coalescence in a T-junction microfluidic device. Microfluidics and Nanofluidics, 2012, 12, 715-722.	1.0	30
41	Novel One-Step Synthesis Process from Cyclohexanone to Caprolactam in Trifluoroacetic Acid. Industrial & Engineering Chemistry Research, 2013, 52, 6377-6381.	1.8	30
42	Coalescences of microdroplets at a cross-shaped microchannel junction without strictly synchronism control. Chemical Engineering Journal, 2013, 227, 90-96.	6.6	30
43	Kinetics study of acrylic acid polymerization with a microreactor platform. Chemical Engineering Journal, 2016, 284, 233-239.	6.6	30
44	Extraction-Derived Self-Organization of Colloidal Photonic Crystal Particles within Confining Aqueous Droplets. Crystal Growth and Design, 2013, 13, 926-935.	1.4	29
45	Heat-Transfer Performance of a Liquid-Liquid Microdispersed System. Industrial & Engineering Chemistry Research, 2008, 47, 9754-9758.	1.8	28
46	Phase separation of parallel laminar flow for aqueous two phase systems in branched microchannel. Microfluidics and Nanofluidics, 2011, 10, 1079-1086.	1.0	28
47	Porous glass beads as a new adsorbent to remove sulfur-containing compounds. Green Chemistry, 2012, 14, 1009.	4.6	28
48	Facile Construction of High-Performance Amorphous FePO ₄ /Carbon Nanomaterials as Cathodes of Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 13225-13233.	4.0	28
49	Preparation of Monodispersed Uniform Silica Spheres with Large Pore Size for Fast Adsorption of Proteins. Industrial & Engineering Chemistry Research, 2010, 49, 4162-4168.	1.8	27
50	Gas/liquid/liquid three-phase flow patterns and bubble/droplet size laws in a double T-junction microchannel. AIChE Journal, 2015, 61, 1722-1734.	1.8	27
51	Controllable Preparation of Polyacrylamide Hydrogel Microspheres in a Coaxial Microfluidic Device. Industrial & Engineering Chemistry Research, 2012, 51, 9016-9022.	1.8	26
52	Generating Gas-Liquid-Liquid Three-Phase Microflows in a Cross-Junction Microchannel Device. Chemical Engineering and Technology, 2013, 36, 1047-1060.	0.9	26
53	Beckmann Rearrangement of Cyclohexanone Oxime to μ -Caprolactam in a Modified Catalytic System of Trifluoroacetic Acid. Catalysis Letters, 2014, 144, 151-157.	1.4	26
54	A Novel Method of Fabricating, Adjusting, and Optimizing Polystyrene Colloidal Crystal Nonspherical Microparticles from Gas-Water Janus Droplets in a Double Coaxial Microfluidic Device. Crystal Growth and Design, 2014, 14, 401-405.	1.4	26

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55	Preparation of Li ₂ CO ₃ Nanoparticles by Carbonation Reaction Using a Microfiltration Membrane Dispersion Microreactor. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 11015-11020.	1.8	26
56	Solubility of Berberine Chloride in Various Solvents. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 642-644.	1.0	25
57	Droplet generation in micro-sieve dispersion device. <i>Microfluidics and Nanofluidics</i> , 2011, 10, 1087-1095.	1.0	22
58	Process intensification of BaSO ₄ nanoparticle preparation with agitation of microbubbles. <i>Powder Technology</i> , 2013, 247, 60-68.	2.1	22
59	Iron Phosphate Prepared by Coupling Precipitation and Aging: Morphology, Crystal Structure, and Cr(III) Adsorption. <i>Crystal Growth and Design</i> , 2013, 13, 1099-1109.	1.4	22
60	Continuous Flow Synthesis of Polystyrene Nanoparticles via Emulsion Polymerization Stabilized by a Mixed Nonionic and Anionic Emulsifier. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 9489-9495.	1.8	22
61	Intensification of Catalytic Oxidation with a T-junction Microchannel Reactor for Deep Desulfurization. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 3870-3875.	1.8	21
62	Preparation of Uniform Microcapsules Containing 1-Octanol for Caprolactam Extraction. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 4507-4513.	1.8	21
63	Preparation of highly purified β -tricalcium phosphate ceramics with a microdispersion process. <i>Chemical Engineering Journal</i> , 2013, 221, 55-61.	6.6	21
64	Solubility of KH ₂ PO ₄ in KCl, H ₃ PO ₄ , and Their Mixture Solutions. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 439-443.	1.0	21
65	An in situ coupling separation process of electro-electrodialysis with back-extraction. <i>Journal of Membrane Science</i> , 2005, 255, 57-65.	4.1	20
66	Preparation of polysulfone microcapsules containing 1-octanol for the recovery of caprolactam. <i>Journal of Microencapsulation</i> , 2009, 26, 104-110.	1.2	20
67	Coupling Process of Oxidation and Extraction in a Gas-Liquid-Liquid Microdispersion System for H ₂ O ₂ Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 1834-1845.	1.8	20
68	A comparative electrochemical investigation and an effective promotion towards electrochemical performance of MnCO ₃ aggregates. <i>Chemical Engineering Journal</i> , 2019, 360, 553-561.	6.6	20
69	An Experimental Study of Liquid-Liquid Microflow Pattern Maps Accompanied with Mass Transfer. <i>Chinese Journal of Chemical Engineering</i> , 2012, 20, 18-26.	1.7	19
70	Simulation of the mixing process in a straight tube with sudden changed cross-section. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 711-718.	1.7	19
71	Micromixing enhanced synthesis of HRPIBs catalyzed by EADC/bis(2-chloroethyl)ether complex. <i>RSC Advances</i> , 2017, 7, 27629-27636.	1.7	19
72	Catalytic Kinetics of Dibenzothiophene Oxidation with the Combined Catalyst of Quaternary Ammonium Bromide and Phosphotungstic Acid. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 6221-6227.	1.8	17

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73	Subcritical Water Treatment: A Simple Method to Prepare Porous Glass with a Core-Shell Structure. <i>Journal of the American Ceramic Society</i> , 2008, 91, 103-109.	1.9	17
74	Beckmann rearrangement of cyclohexanone oxime in a microchemical system: The role of SO ₃ and product inhibition. <i>AIChE Journal</i> , 2012, 58, 3156-3160.	1.8	17
75	Modified nanoprecipitation method for polysulfone nanoparticles preparation. <i>Soft Matter</i> , 2014, 10, 3414.	1.2	17
76	Fast flow synthesis of highly reactive polyisobutylene co-initiated by an AlCl ₃ /isopropyl ether complex. <i>RSC Advances</i> , 2016, 6, 9827-9834.	1.7	17
77	Effects of temperature and phosphoric acid addition on the solubility of iron phosphate dihydrate in aqueous solutions. <i>Chinese Journal of Chemical Engineering</i> , 2017, 25, 211-215.	1.7	17
78	Preparation and ion exchange properties of egg-shell glass beads with different surface morphologies. <i>Particuology</i> , 2012, 10, 317-326.	2.0	16
79	A consecutive microreactor system for the synthesis of caprolactam with high selectivity. <i>AIChE Journal</i> , 2015, 61, 1959-1967.	1.8	16
80	Synthesis of Micro-Nano-assembled Manganese Carbonate via Aqueous Precipitation Assisted by Ethanol. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 10036-10043.	1.8	16
81	Toward Uniform In Situ Carbon Coating on Nano-LiFePO ₄ via a Solid-State Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13549-13555.	1.8	16
82	Rapid synthesis of sodium-rich Prussian white for Sodium-ion battery via a bottom-up approach. <i>Chemical Engineering Journal</i> , 2021, 405, 126688.	6.6	16
83	Development of a membrane dispersion micro-absorber for CO ₂ capture. <i>Journal of Membrane Science</i> , 2011, 385-386, 123-131.	4.1	15
84	Improving Selectivity of Temperature-Sensitive Exothermic Reactions with Microreactor. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 4683-4688.	1.8	14
85	Chlorohydrin of Allyl Chloride to Dichloropropanol in a Microchemical System. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 14685-14691.	1.8	14
86	Kinetic study on selective extraction of HCl and H ₃ PO ₄ in a microfluidic device. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 221-225.	1.7	14
87	Flow synthesis of medium molecular weight polyisobutylene coinitiated by AlCl ₃ . <i>European Polymer Journal</i> , 2016, 80, 219-226.	2.6	14
88	Continuous nitration of o-dichlorobenzene in micropacked-bed reactor: process design and modelling. <i>Journal of Flow Chemistry</i> , 2021, 11, 171-179.	1.2	14
89	Preparation of uniform microcapsules with silicone oil as continuous phase in a micro-dispersion process. <i>Journal of Microencapsulation</i> , 2007, 24, 767-776.	1.2	13
90	Influence of coagulation bath on morphology of cellulose membranes prepared by NMMO method. <i>Frontiers of Chemical Engineering in China</i> , 2008, 2, 204-208.	0.6	13

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91	Polysulphone microcapsules containing silicone oil for the removal of toxic volatile organics from water. <i>Journal of Microencapsulation</i> , 2008, 25, 196-202.	1.2	13
92	Liquid-liquid micro-dispersion in a double-pore T-shaped microfluidic device. <i>Microfluidics and Nanofluidics</i> , 2009, 6, 557-564.	1.0	13
93	Synthesis of single-crystal dendritic iron hydroxyl phosphate as a Fenton catalyst. <i>CrystEngComm</i> , 2013, 15, 9104.	1.3	13
94	Generation of monodispersed microdroplets by temperature controlled bubble condensation processes. <i>Lab on A Chip</i> , 2013, 13, 73-76.	3.1	13
95	Direct Precipitation for a Continuous Synthesis of Nanoiron Phosphate with High Purity. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 6723-6729.	1.8	13
96	Synthesis of polystyrene latex via emulsion polymerization with poly(vinyl alcohol) as sole stabilizer. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45111.	1.3	13
97	Liquid-Liquid Equilibria of the Quaternary System Water + Caprolactam + 1-Octanol + Ammonium Sulfate. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 851-855.	1.0	12
98	Heavy Metal Ion Sorption Properties of Porous Glass Beads with a Core-Shell Structure. <i>Solvent Extraction and Ion Exchange</i> , 2008, 26, 672-685.	0.8	12
99	Absorption and desorption of gaseous toluene by an absorbent microcapsules column. <i>Journal of Hazardous Materials</i> , 2010, 173, 243-248.	6.5	12
100	Size Adjustment of Iron Phosphate Nanoparticles by Using Mixed Acids. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 6962-6968.	1.8	12
101	Cationic polymerization of isobutylene catalysed by $AlCl_3$ with multiple nucleophilic reagents. <i>RSC Advances</i> , 2016, 6, 97983-97989.	1.7	12
102	Liquid-liquid flow and mass transfer characteristics in micro-sieve array device with dual-sized pores. <i>Chemical Engineering Journal</i> , 2012, 193-194, 96-101.	6.6	11
103	Free radical polymerization of butyl acrylate in monodispersed droplets: Comparison between two heating strategies. <i>Journal of Applied Polymer Science</i> , 2013, 127, 628-635.	1.3	11
104	Modeling investigation of mass transfer of gas-liquid dispersion systems. <i>Separation and Purification Technology</i> , 2013, 108, 111-118.	3.9	11
105	Evaluation of an improved epichlorohydrin synthesis from dichloropropanol using a microchemical system. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 1123-1130.	1.7	11
106	Effects of Ether on the Cationic Polymerization of Isobutylene Catalyzed by $AlCl_3$. <i>ACS Omega</i> , 2018, 3, 2033-2039.	1.6	11
107	Amorphous $FePO_4$ /Carbon Nanotube Cathode Preparation via in Situ Nanoprecipitation and Coagulation in a Microreactor. <i>ACS Omega</i> , 2019, 4, 14790-14799.	1.6	11
108	Selection and Evaluation of a New Extractant for Caprolactam Extraction. <i>Chinese Journal of Chemical Engineering</i> , 2008, 16, 876-880.	1.7	10

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109	Achieving Low-Cost and Accelerated Living Cationic Polymerization of Isobutyl Vinyl Ether in Microflow System. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 7441-7449.	1.8	10
110	Interpretation on a Nonclassical Crystallization Route of Prussian White Nanocrystal Preparation. <i>Crystal Growth and Design</i> , 2021, 21, 1086-1092.	1.4	10
111	Two-phase electrophoresis separation of dyestuffs from dilute solution. <i>Chemical Engineering Journal</i> , 1999, 73, 137-141.	6.6	9
112	Fast living cationic polymerization of isobutyl vinyl ether tailored by single nucleophile in microflow system. <i>European Polymer Journal</i> , 2019, 113, 220-228.	2.6	9
113	A highly controllable, effective, and recyclable magnetic-nanoparticle-supported palladium catalyst for the Suzuki-Miyaura cross-coupling reaction. <i>Journal of Catalysis</i> , 2021, 397, 36-43.	3.1	9
114	Facile synthesis and cycling performance maintenance of iron hexacyanoferrate cathode for sodium-ion battery. <i>Journal of Power Sources</i> , 2021, 513, 230554.	4.0	9
115	Distribution Coefficient of Caprolactam and Methyl Caprolactam Using Benzene or Toluene as Extractants: Experiments and Prediction. <i>Chinese Journal of Chemical Engineering</i> , 2007, 15, 463-467.	1.7	8
116	Measuring enthalpy of fast exothermal reaction with microreactor-based capillary calorimeter. <i>AIChE Journal</i> , 2010, 56, 1045-1052.	1.8	8
117	One-step synthesis of pH-sensitive poly(Acrylamide-co-Sodium Acrylate) beads with core-shell structure. <i>Reactive and Functional Polymers</i> , 2013, 73, 122-131.	2.0	8
118	Effects on the mixing process of a coiled tube after a T-junction: Simulation and correlation. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 2441-2447.	1.7	8
119	Direct Continuous Synthesis of Oleic Acid-Modified Fe ₃ O ₄ Nanoparticles in a Microflow System. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 4320-4328.	1.8	8
120	Caprolactam recovery by a column packed with polysulfone microcapsules containing 1-octanol. <i>Separation and Purification Technology</i> , 2009, 69, 71-77.	3.9	7
121	Liquid-liquid microflows in micro-sieve dispersion devices with dual pore size. <i>Microfluidics and Nanofluidics</i> , 2012, 12, 705-714.	1.0	7
122	Modeling of kinetics of a microfluidic reaction-extraction process for the preparation of KH 2 PO 4. <i>Separation and Purification Technology</i> , 2015, 156, 108-115.	3.9	7
123	Generation of Poly(isobutene-co-isoprene) in a Microflow Device. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 1215-1220.	1.8	7
124	Highly efficient and flexible preparation of water-dispersed Fe ₃ O ₄ nanoclusters using a micromixer. <i>Particuology</i> , 2019, 45, 42-48.	2.0	7
125	Two-Phase Electroelectrodialysis with an Emulsion as Anolyte. <i>Separation Science and Technology</i> , 2005, 39, 1267-1278.	1.3	6
126	Solubility of Emodin in Alcohols. <i>Chinese Journal of Chemical Engineering</i> , 2009, 17, 251-253.	1.7	6

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127	Controllable preparation of uniform polystyrene nanospheres with premix membrane emulsification. <i>Journal of Applied Polymer Science</i> , 2013, 129, 1202-1211.	1.3	6
128	Modeling ethyl diazoacetate synthesis in an adiabatic microchemical system. <i>Chemical Engineering Journal</i> , 2015, 273, 406-412.	6.6	6
129	Homogeneous synthesis of hydroxylamine hydrochloride <i>via</i> acid-catalyzed hydrolysis of nitromethane. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 387-394.	1.9	6
130	Tailoring the $\text{AlCl}_3/\text{iPr}_2\text{O}/\text{Et}_2\text{O}$ initiation system for highly reactive polyisobutylene synthesis in pure <i>n</i> -hexane. <i>RSC Advances</i> , 2020, 10, 5183-5190.	1.7	6
131	Precise synthesis of poly(IBVE-co-HBVE) with tunable thermo-response via fast flow polymerization. <i>Polymer</i> , 2020, 190, 122223.	1.8	6
132	Modeling of the mass transfer and conduction behavior in electro-electrodialysis with oil/water emulsion as the catholyte. <i>Journal of Membrane Science</i> , 2008, 322, 265-274.	4.1	5
133	Phase Equilibrium Calculations in Mixtures Containing Caprolactam with a UNIFAC Model. <i>Chinese Journal of Chemical Engineering</i> , 2010, 18, 286-291.	1.7	5
134	Preparation of microcapsule-supported Pd catalyst using a microfluidic platform. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1635-1643.	6.9	5
135	Liquid-Liquid Equilibria for the System Water + 1,3-Dichloro-2-propanol + Epichlorohydrin from (283.2) Tj ETQq1 _{1.0} 0.7843 ₅ 14 rgBT		
136	Synthesis of epichlorohydrin from 1,3-dichloropropanol using solid base. <i>Chinese Journal of Chemical Engineering</i> , 2017, 25, 301-305.	1.7	5
137	Flexible and Effective Preparation of Magnetic Nanoclusters via One-Step Flow Synthesis. <i>Nanomaterials</i> , 2022, 12, 350.	1.9	5
138	Homogeneous synthesis of hydroxyethyl acrylate catalyzed by organochromium(III) complexes: Kinetics and ligand effect. <i>Chemical Engineering Journal</i> , 2022, 440, 135804.	6.6	5
139	Continuous Ammonium Silicofluoride Ammonification for SiO_2 Nanoparticles Preparation in a Microchemical System. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 5757-5764.	1.8	4
140	Back Extraction of HCl from TOA Dissolved in N-Octanol by Aqueous Ammonia in a Microchannel Device. <i>Solvent Extraction and Ion Exchange</i> , 2016, 34, 60-73.	0.8	4
141	Thermal Decomposition of Ethyl Diazoacetate in Microtube Reactor: A Kinetics Study. <i>ACS Omega</i> , 2018, 3, 10526-10533.	1.6	4
142	Tailoring Emulsion Polymerization for High-Yield Synthesis of Tween 80 Stabilized Magnetic Cross-Linked Polystyrene Nanocomposite Particles. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8140-8147.	1.8	4
143	A Comparative Study on Emulsion Polymerization Processes of Styrene Initiated by Water-soluble and Oil-soluble Initiators. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 142-148.	2.0	4
144	Intensifying fine-grained fluorite flotation process with a combination of in-situ modification and liquid-gas microdispersion. <i>Separation and Purification Technology</i> , 2021, 257, 117982.	3.9	4

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145	Modeling investigation of mass transfer of gas-liquid concurrent flow processes. Separation and Purification Technology, 2013, 109, 77-86.	3.9	3
146	Continuous Removal of Lead from Aqueous Solutions by Ca(II) Imprinted Chitosan Microspheres Packed Column. Separation Science and Technology, 2015, 50, 1127-1134.	1.3	3
147	Relationship between breakthrough curve and adsorption isotherm of Ca(II) imprinted chitosan microspheres for metal adsorption. Chinese Journal of Chemical Engineering, 2016, 24, 323-329.	1.7	3
148	Numerical simulation and experimental investigation of multiphase mass transfer process for industrial applications in China. Reviews in Chemical Engineering, 2019, 36, 187-214.	2.3	3
149	Enhancing the amination reaction of 4-nitrochlorobenzene in a tubular reactor. Chemical Engineering and Processing: Process Intensification, 2021, 169, 108636.	1.8	3
150	An intensified chlorination process of 4-nitroaniline in a liquid-liquid microflow system. Reaction Chemistry and Engineering, 2021, 6, 2259-2265.	1.9	3
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