

Qilong Ren

List of Publications by Year in descending order

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178
papers

8,775
citations

46918

47
h-index

49773

87
g-index

188
all docs

188
docs citations

188
times ranked

7151
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore chemistry and size control in hybrid porous materials for acetylene capture from ethylene. <i>Science</i> , 2016, 353, 141-144.	6.0	1,088
2	Potential of microporous metal-organic frameworks for separation of hydrocarbon mixtures. <i>Energy and Environmental Science</i> , 2016, 9, 3612-3641.	15.6	530
3	Adsorption of CO ₂ and CH ₄ on a magnesium-based metal organic framework. <i>Journal of Colloid and Interface Science</i> , 2011, 353, 549-556.	5.0	426
4	An Ideal Molecular Sieve for Acetylene Removal from Ethylene with Record Selectivity and Productivity. <i>Advanced Materials</i> , 2017, 29, 1704210.	11.1	310
5	Adsorption of Ethane, Ethylene, Propane, and Propylene on a Magnesium-Based Metal-Organic Framework. <i>Langmuir</i> , 2011, 27, 13554-13562.	1.6	287
6	Molecular Sieving of Ethane from Ethylene through the Molecular Cross-Section Size Differentiation in Gallate-based Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16020-16025.	7.2	202
7	Ultrahigh and Selective SO ₂ Uptake in Inorganic Anion-Pillared Hybrid Porous Materials. <i>Advanced Materials</i> , 2017, 29, 1606929.	11.1	183
8	Fine Tuning and Specific Binding Sites with a Porous Hydrogen-Bonded Metal-Complex Framework for Gas Selective Separations. <i>Journal of the American Chemical Society</i> , 2018, 140, 4596-4603.	6.6	181
9	A Robust Squarate-Based Metal-Organic Framework Demonstrates Record-High Affinity and Selectivity for Xenon over Krypton. <i>Journal of the American Chemical Society</i> , 2019, 141, 9358-9364.	6.6	162
10	Immobilization of Ag(ⁱ) into a metal-organic framework with "SO ₃ H sites for highly selective olefin-paraffin separation at room temperature. <i>Chemical Communications</i> , 2015, 51, 2859-2862.	2.2	160
11	Sorting of C ₄ Olefins with Interpenetrated Hybrid Ultramicroporous Materials by Combining Molecular Recognition and Size-Sieving. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16282-16287.	7.2	146
12	Inverse Adsorption Separation of CO ₂ /C ₂ H ₂ Mixture in Cyclodextrin-Based Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2543-2550.	4.0	134
13	A Single-Molecule Propyne Trap: Highly Efficient Removal of Propyne from Propylene with Anion-Pillared Ultramicroporous Materials. <i>Advanced Materials</i> , 2018, 30, 1705374.	11.1	133
14	Efficient Synthesis of Cyclic Carbonates from Atmospheric CO ₂ Using a Positive Charge Delocalized Ionic Liquid Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2841-2846.	3.2	116
15	Deep Desulfurization with Record SO ₂ Adsorption on the Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2021, 143, 9040-9047.	6.6	108
16	Catalytic dehydration of glucose to 5-hydroxymethylfurfural with a bifunctional metal-organic framework. <i>AIChE Journal</i> , 2016, 62, 4403-4417.	1.8	104
17	Kinetic separation of carbon dioxide and methane on a copper metal-organic framework. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 504-509.	5.0	103
18	Hybrid Deep Eutectic Solvents with Flexible Hydrogen-Bonded Supramolecular Networks for Highly Efficient Uptake of NH ₃ . <i>ChemSusChem</i> , 2017, 10, 3368-3377.	3.6	99

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19	Efficient removal of both basic and non-basic nitrogen compounds from fuels by deep eutectic solvents. <i>Green Chemistry</i> , 2016, 18, 157-164.	4.6	96
20	Confining Noble Metal (Pd, Au, Pt) Nanoparticles in Surfactant Ionic Liquids: Active Non-Mercury Catalysts for Hydrochlorination of Acetylene. <i>ACS Catalysis</i> , 2015, 5, 6724-6731.	5.5	94
21	Highly efficient separation of methane from nitrogen on a squarate-based metal-organic framework. <i>AIChE Journal</i> , 2018, 64, 3681-3689.	1.8	94
22	Discrimination of xylene isomers in a stacked coordination polymer. <i>Science</i> , 2022, 377, 335-339.	6.0	94
23	Improved separation efficiency using ionic liquid-cosolvent mixtures as the extractant in liquid-liquid extraction: A multiple adjustment and synergistic effect. <i>Chemical Engineering Journal</i> , 2012, 181-182, 334-342.	6.6	93
24	Separation of Xe from Kr with Record Selectivity and Productivity in Anion-Pillared Ultramicroporous Materials by Inverse Size Sieving. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3423-3428.	7.2	91
25	An Asymmetric Anion-Pillared Metal-Organic Framework as a Multisite Adsorbent Enables Simultaneous Removal of Propyne and Propadiene from Propylene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13145-13149.	7.2	85
26	Simultaneous interlayer and intralayer space control in two-dimensional metal-organic frameworks for acetylene/ethylene separation. <i>Nature Communications</i> , 2020, 11, 6259.	5.8	85
27	Fabrication of cuprous nanoparticles in MIL-101: an efficient adsorbent for the separation of olefin-paraffin mixtures. <i>RSC Advances</i> , 2014, 4, 20230-20233.	1.7	79
28	Design and screening of ionic liquids for C ₂ H ₂ /C ₂ H ₄ separation by COSMO-RS and experiments. <i>AIChE Journal</i> , 2015, 61, 2016-2027.	1.8	77
29	New Insights into CO ₂ Absorption Mechanisms with Amino-Acid Ionic Liquids. <i>ChemSusChem</i> , 2016, 9, 806-812.	3.6	77
30	A calcium-based microporous metal-organic framework for efficient adsorption separation of light hydrocarbons. <i>Chemical Engineering Journal</i> , 2019, 358, 446-455.	6.6	75
31	Selective Separation of Tocopherol Homologues by Liquid-Liquid Extraction Using Ionic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 6417-6422.	1.8	74
32	Adsorption Equilibria of CO ₂ , CH ₄ , N ₂ , O ₂ , and Ar on High Silica Zeolites. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 4017-4023.	1.0	73
33	Long-Chain Fatty Acid-Based Phosphonium Ionic Liquids with Strong Hydrogen-Bond Basicity and Good Lipophilicity: Synthesis, Characterization, and Application in Extraction. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 309-316.	3.2	73
34	Molecular Sieving of Ethane from Ethylene through the Molecular Cross-Section Size Differentiation in Gallate-based Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2018, 130, 16252-16257.	1.6	72
35	Molecular Sieving of C ₂ -C ₃ Alkene from Alkyne with Tuned Threshold Pressure in Robust Layered Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12725-12730.	7.2	72
36	Engineering the Pore Size of Pillared-Layer Coordination Polymers Enables Highly Efficient Adsorption Separation of Acetylene from Ethylene. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28197-28204.	4.0	71

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37	Fabrication of plasmonic Au-Pd alloy nanoparticles for photocatalytic Suzuki-Miyaura reactions under ambient conditions. <i>Nanoscale</i> , 2017, 9, 6026-6032.	2.8	70
38	M-Gallate (M = Ni, Co) Metal-Organic Framework-Derived Ni/C and Bimetallic Ni-Co/C Catalysts for Lignin Conversion into Monophenols. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 12955-12963.	3.2	69
39	Entrainer-intensified vacuum reactive distillation process for the separation of 5-hydroxymethylfurfural from the dehydration of carbohydrates catalyzed by a metal salt-ionic liquid. <i>Green Chemistry</i> , 2012, 14, 1220.	4.6	66
40	Insight into the catalytic properties and applications of metal-organic frameworks in the cyanosilylation of aldehydes. <i>RSC Advances</i> , 2015, 5, 79355-79360.	1.7	65
41	Separation of Xe from Kr with Record Selectivity and Productivity in Anion-Pillared Ultramicroporous Materials by Inverse Size-Sieving. <i>Angewandte Chemie</i> , 2020, 132, 3451-3456.	1.6	63
42	Efficient adsorption separation of acetylene and ethylene via supported ionic liquid on metal-organic framework. <i>AIChE Journal</i> , 2017, 63, 2165-2175.	1.8	62
43	Brønsted acidic ionic liquids as novel catalysts for the hydrolyzation of soybean isoflavone glycosides. <i>Catalysis Communications</i> , 2008, 9, 1307-1311.	1.6	61
44	The essential role of hydrogen-bonding interaction in the extractive separation of phenolic compounds by ionic liquid. <i>AIChE Journal</i> , 2013, 59, 1657-1667.	1.8	57
45	Aqueous Biphasic System Containing Long Chain Anion-Functionalized Ionic Liquids for High-Performance Extraction. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 3365-3372.	3.2	56
46	Tunable Confined Aliphatic Pore Environment in Robust Metal-Organic Frameworks for Efficient Separation of Gases with a Similar Structure. <i>Journal of the American Chemical Society</i> , 2022, 144, 14322-14329.	6.6	56
47	Synthesis of anion-functionalized mesoporous poly(ionic liquid)s via a microphase separation-hypercrosslinking strategy: highly efficient adsorbents for bioactive molecules. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14114-14123.	5.2	54
48	CoNi Alloy Nanoparticles Embedded in Metal-Organic Framework-Derived Carbon for the Highly Efficient Separation of Xenon and Krypton via a Charge-Transfer Effect. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2431-2438.	7.2	53
49	Recent Advances in Separation of Bioactive Natural Products. <i>Chinese Journal of Chemical Engineering</i> , 2013, 21, 937-952.	1.7	48
50	Highly efficient treatment of textile dyeing sludge by CO ₂ thermal plasma gasification. <i>Waste Management</i> , 2019, 90, 29-36.	3.7	47
51	Performance Comparison of Metal-Organic Framework Extrudates and Commercial Zeolite for Ethylene/Ethane Separation. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 1645-1654.	1.8	45
52	Supramolecular Metal-Organic Framework for CO ₂ /CH ₄ and CO ₂ /N ₂ Separation. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7866-7874.	1.8	42
53	Selective Liquid-Liquid Extraction of Natural Phenolic Compounds Using Amino Acid Ionic Liquids: A Case of α -Tocopherol and Methyl Linoleate Separation. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 6480-6488.	1.8	41
54	Sorting of C ₄ Olefins with Interpenetrated Hybrid Ultramicroporous Materials by Combining Molecular Recognition and Size-Sieving. <i>Angewandte Chemie</i> , 2017, 129, 16500-16505.	1.6	41

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55	Rapid quantification and characterization of soyasaponins by high-performance liquid chromatography coupled with electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1108, 31-37.	1.8	40
56	Design and Synthesis of Thermoresponsive Ionic Liquid Polymer in Acetonitrile as a Reusable Extractant for Separation of Tocopherol Homologues. <i>Macromolecules</i> , 2015, 48, 915-924.	2.2	40
57	Enhanced solubilization and extraction of hydrophobic bioactive compounds using water/ionic liquid mixtures. <i>Green Chemistry</i> , 2016, 18, 3549-3557.	4.6	40
58	Adsorptive Separation of Geometric Isomers of 2-Butene on Gallate-Based Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9609-9616.	4.0	38
59	Functionalized Metal-Organic Framework as a Biomimetic Heterogeneous Catalyst for Transfer Hydrogenation of Imines. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9772-9777.	4.0	37
60	Hydrogen-Bonded Metal-Nucleobase Frameworks for Efficient Separation of Xenon and Krypton. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	36
61	Volumetric Properties of Binary Mixtures of 1-Butyl-3-methylimidazolium Chloride + Water or Hydrophilic Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 1750-1754.	1.0	34
62	An Asymmetric Anion-Pillared Metal-Organic Framework as a Multisite Adsorbent Enables Simultaneous Removal of Propyne and Propadiene from Propylene. <i>Angewandte Chemie</i> , 2018, 130, 13329-13333.	1.6	34
63	Calcium-Based Metal-Organic Framework for Simultaneous Capture of Trace Propyne and Propadiene from Propylene. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17147-17154.	4.0	34
64	Shell-Like Xenon Nano-Traps within Angular Anion-Pillared Layered Porous Materials for Boosting Xe/Kr Separation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	34
65	Enantioseparation of paroxetine intermediate on an amylose-derived chiral stationary phase by supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 5140-5146.	1.8	33
66	Selective Extraction of 1-Hexene Against <i>n</i> -Hexane in Ionic Liquids with or without Silver Salt. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 8588-8597.	1.8	33
67	Separation of Soybean Isoflavone Aglycone Homologues by Ionic Liquid-Based Extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3432-3440.	2.4	32
68	Role of Hydrogen Bonds in Ionic-Liquid-Mediated Extraction of Natural Bioactive Homologues. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 5299-5308.	1.8	29
69	Nonaqueous Lyotropic Ionic Liquid Crystals: Preparation, Characterization, and Application in Extraction. <i>Chemistry - A European Journal</i> , 2015, 21, 9150-9156.	1.7	29
70	Deciphering a Reaction Network for the Switchable Production of Tetrahydroquinoline or Quinoline with MOF-Supported Pd Tandem Catalysts. <i>ACS Catalysis</i> , 2020, 10, 5707-5714.	5.5	29
71	Adsorptive Separation of Acetylene from Ethylene in Isostructural Gallate-Based Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2019, 25, 15516-15524.	1.7	27
72	Facile Fabrication of Hierarchical MOF-Metal Nanoparticle Tandem Catalysts for the Synthesis of Bioactive Molecules. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23002-23009.	4.0	27

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73	High performance separation of sparingly aqua-/lipo-soluble bioactive compounds with an ionic liquid-based biphasic system. <i>Green Chemistry</i> , 2012, 14, 2617.	4.6	26
74	Solubilities of Dodecylpolyoxyethylene Polyoxypropylene Ether in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 542-544.	1.0	24
75	Reactivity of Brønsted acid ionic liquids as dual solvent and catalyst for Fischer esterifications. <i>Korean Journal of Chemical Engineering</i> , 2009, 26, 666-672.	1.2	24
76	Turn-on Photocatalysis: Creating Lone Pair Donor-Acceptor Bonds in Organic Photosensitizer to Enhance Intersystem Crossing. <i>Advanced Science</i> , 2021, 8, e2100631.	5.6	24
77	Adsorption Behavior of Glucose, Xylose, and Arabinose on Five Different Cation Exchange Resins. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 735-738.	1.0	23
78	Pd-Ni nanoparticles supported on titanium oxide as effective catalysts for Suzuki-Miyaura coupling reactions. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 24-31.	2.3	23
79	Nanostructured Branched-Chain Carboxylate Ionic Liquids: Synthesis, Characterization, and Extraordinary Solubility for Bioactive Molecules. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8983-8991.	3.2	23
80	Microporous Carbon Adsorbents Prepared by Activating Reagent-Free Pyrolysis for Upgrading Low-Quality Natural Gas. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 977-985.	3.2	23
81	A pore-engineered metal-organic framework with mixed ligands enabling highly efficient separation of hexane isomers for gasoline upgrading. <i>Separation and Purification Technology</i> , 2021, 268, 118646.	3.9	23
82	Carbon dioxide capture in gallate-based metal-organic frameworks. <i>Separation and Purification Technology</i> , 2022, 292, 121031.	3.9	23
83	Effect of Buffer Solution and Temperature on the Stability of Penicillin G. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 543-547.	1.0	22
84	Diffusion coefficients of l-menthone and l-carvone in mixtures of carbon dioxide and ethanol. <i>Journal of Supercritical Fluids</i> , 2010, 55, 86-95.	1.6	22
85	One of the Distinctive Properties of Ionic Liquids over Molecular Solvents and Inorganic Salts: Enhanced Basicity Stemming from the Electrostatic Environment and Free Microstructure. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3682-3688.	1.2	22
86	Allylic oxidation of olefins with a manganese-based metal-organic framework. <i>Green Chemistry</i> , 2019, 21, 3629-3636.	4.6	22
87	Porous Hydrogen-Bonded Frameworks Assembled from Metal-Nucleobase Entities for Xe/Kr Separation. <i>CCS Chemistry</i> , 2022, 4, 381-388.	4.6	22
88	Instability Mechanisms of Supported Liquid Membrane for Phenol Transport. <i>Chinese Journal of Chemical Engineering</i> , 2009, 17, 750-755.	1.7	21
89	Water Solubilization Capacity and Volume-Induced Percolation of Sodium Bis(2-ethylhexyl)sulfosuccinate Microemulsions in the Presence of 1-Alkyl-3-Methylimidazolium Chloride Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3698-3702.	1.0	21
90	Cosolvent effects on the diffusions of 1,3-dichlorobenzene, l-carvone, geraniol and 3-fluorophenol in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2011, 58, 216-225.	1.6	21

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91	Adsorption equilibria of artemisinin from supercritical carbon dioxide on silica gel. <i>Journal of Supercritical Fluids</i> , 2009, 49, 189-195.	1.6	19
92	Effect of Tethering Strategies on the Surface Structure of Amine-Functionalized Ionic Liquids: Inspiration on the CO ₂ Capture. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16012-16021.	1.5	19
93	A strongly hydrophobic ethane-selective metal-organic framework for efficient ethane/ethylene separation. <i>Chemical Engineering Journal</i> , 2022, 442, 136152.	6.6	19
94	Determination of soyasaponins Ba and Bb in human serum by high-performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 846, 169-175.	1.2	18
95	Thiourea-Catalyzed Cross-Dehydrogenative Coupling of C(sp ³)-H with Diethyl Phosphite. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3939-3942.	1.2	18
96	Metal nanoparticles in ionic liquid-cosolvent biphasic systems as active catalysts for acetylene hydrochlorination. <i>AIChE Journal</i> , 2018, 64, 2536-2544.	1.8	18
97	Shaping of gallate-based metal-organic frameworks for adsorption separation of ethylene from acetylene and ethane. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 177-184.	5.0	18
98	Molecular Sieving of Propylene from Propane in Metal-Organic Framework-Derived Ultramicroporous Carbon Adsorbents. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 30443-30453.	4.0	18
99	Solubility of Vitamin D ₃ in Six Organic Solvents at Temperatures from (248.2 to 273.2) K. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2328-2331.	1.0	17
100	Thiourea as an efficient organocatalyst for the transfer hydrogenation of 2-substituted quinoline derivatives. <i>RSC Advances</i> , 2014, 4, 42566-42568.	1.7	17
101	Incorporation of N-Methyl-D-glucamine Functionalized Oligomer into MIL-101(Cr) for Highly Efficient Removal of Boric Acid from Water. <i>Chemistry - A European Journal</i> , 2016, 22, 15290-15297.	1.7	17
102	Hydropyrolysis of n-Hexane and Toluene to Acetylene in Rotating-Arc Plasma. <i>Energies</i> , 2017, 10, 899.	1.6	17
103	Solubility of Troeger's Base in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2000, 45, 464-466.	1.0	16
104	1-Ethyl-3-methylimidazolium acetate as a highly efficient organocatalyst for cyanosilylation of carbonyl compounds with trimethylsilyl cyanide. <i>Scientific Reports</i> , 2017, 7, 42699.	1.6	16
105	A robust ethane-trapping metal-organic framework for efficient purification of ethylene. <i>Science China Chemistry</i> , 2021, 64, 666-672.	4.2	16
106	A robust two-dimensional layered metal-organic framework for efficient separation of methane from nitrogen. <i>Separation and Purification Technology</i> , 2022, 281, 119911.	3.9	16
107	Effect of ionic liquids on temperature-induced percolation behavior of AOT microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 396, 213-218.	2.3	15
108	Hydrogen-bonded metal-nucleobase frameworks for highly selective capture of ethane/propane from methane and methane/nitrogen separation. <i>Nano Research</i> , 2022, 15, 7695-7702.	5.8	15

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127	Simulated moving bed chromatography for the separation of ethyl esters of eicosapentaenoic acid and docosahexaenoic acid under nonlinear conditions. <i>Journal of Chromatography A</i> , 2015, 1425, 189-197.	1.8	10
128	Pyrolysis of Polyolefins Using Rotating Arc Plasma Technology for Production of Acetylene. <i>Energies</i> , 2017, 10, 513.	1.6	10
129	Aqueous Biphasic Systems Containing Customizable Poly(Ionic Liquid)s for Highly Efficient Extractions. <i>ChemSusChem</i> , 2020, 13, 1906-1914.	3.6	10
130	Crystal Structure Transformation in Hydrogen-Bonded Organic Frameworks via Ion Exchange. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3978-3984.	1.7	10
131	Quantification of triptolide in human whole blood by liquid chromatography coupled with atmospheric pressure chemical ionization tandem mass spectrometry. <i>Talanta</i> , 2007, 72, 582-586.	2.9	9
132	Ionic liquid bmimCl/formamide mixture as the polar phase of nonaqueous microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 414, 82-87.	2.3	9
133	Adsorption of 2-Butyl-2-ethyl-1,3-propanediol from Aqueous Solutions on Activated Carbon: Salt-Out Effect on Equilibrium, Kinetics, and Dynamics. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 8592-8598.	1.8	9
134	Gas production from polyethylene terephthalate using rotating arc plasma. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 128, 257-262.	1.8	9
135	Progress in the Enantioseparation of β -Blockers by Chromatographic Methods. <i>Molecules</i> , 2021, 26, 468.	1.7	9
136	Ultrasound-Assisted Extraction of Soyasaponins from Hypocotyls, and Analysis by LC-ESI-MS. <i>Chromatographia</i> , 2007, 65, 555-560.	0.7	8
137	Kinetic and equilibrium study of the enantioseparation of paroxetine intermediate on amylose and tartaric acid-based chiral stationary phases. <i>Journal of Separation Science</i> , 2008, 31, 16-22.	1.3	8
138	Enantioseparation of racemic paroxol on an amylose-based chiral stationary phase by supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2010, 33, 3256-3262.	1.3	8
139	Effect of the Ionic Liquid 1-Butyl-3-Methylimidazolium Tetrafluoroborate on the Properties of Water + Triton X-100 + Hexanol + Cyclohexane Microemulsions. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 1274-1278.	1.0	8
140	A general method for the separation of amphiphilic surface-active poly(ethylene glycol) mono- and di-esters with long-chain ionic liquid-based biphasic systems. <i>Green Chemistry</i> , 2014, 16, 102-107.	4.6	8
141	Selective separation of zwitterionic phospholipid homologues with functional ionic liquids as extractants. <i>RSC Advances</i> , 2015, 5, 77581-77588.	1.7	8
142	Organocatalytic Approach for Transfer Hydrogenation of Quinolines, Benzoxazines and Benzothiazines. <i>Catalysis Letters</i> , 2017, 147, 1673-1678.	1.4	8
143	Chromatographic Separation of Fluoxetine Hydrochloride Enantiomers by Cellulose Chiral Stationary Phase. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 3229-3242.	0.5	7
144	Enantioseparation of Paroxetine Precursors by HPLC on Amylose and Tartaric Acid-Based Chiral Stationary Phases. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 1147-1161.	0.5	7

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145	Separation of highly unsaturated fatty acid methyl esters from model bio-oils with ionic liquid-cosolvent as extractants. <i>RSC Advances</i> , 2016, 6, 60709-60716.	1.7	7
146	Organocatalyzed cross-dehydrogenative coupling for C(sp ³)–O bonds formation: a rapid access to β -aminoxyl isochromans. <i>Catalysis Letters</i> , 2019, 149, 574-579.	1.4	7
147	The Future of Biomass Utilization Technologies Special Issue Editorial. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 16895-16898.	1.8	7
148	Highly efficient and anti-poisoning single-atom cobalt catalyst for selective hydrogenation of nitroarenes. <i>Nano Research</i> , 2022, 15, 10006-10013.	5.8	7
149	Changes in inhibitory activity and secondary conformation of soybean trypsin inhibitors induced by tea polyphenol complexation. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 2435-2439.	1.7	6
150	Phase Behavior and Micropolarity of Ammonium Carboxylate Perfluoropolyether Reverse Micelles in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 1884-1888.	1.0	6
151	Diffusion coefficients of C18 unsaturated fatty acid methyl esters in supercritical carbon dioxide containing 10% mole fraction ethanol as modifier. <i>Journal of Supercritical Fluids</i> , 2013, 83, 146-152.	1.6	6
152	Separation of Hydrophobic Compounds Differing in a Monounsaturated Double Bond Using Hydrophilic Ionic Liquid/Water Mixtures as Extractants. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2379-2385.	3.2	6
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