

Julin Garca-Gonzlez

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#	Paper	IF	Citations
107	Thermal stability of choline chloride deep eutectic solvents by TGA/FTIR-ATR analysis. <i>Journal of Molecular Liquids</i> , 2018 , 260, 37-43	6	143
106	Thermophysical Properties of 1-Ethyl-3-methylimidazolium Ethylsulfate and 1-Butyl-3-methylimidazolium Methylsulfate Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1979-1983	2.8	143
105	Liquid-Liquid Extraction of Toluene from Heptane Using [emim][DCA], [bmim][DCA], and [emim][TCM] Ionic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 2714-2720	3.9	138
104	Estimation of toxicity of ionic liquids in Leukemia Rat Cell Line and Acetylcholinesterase enzyme by principal component analysis, neural networks and multiple lineal regressions. <i>Journal of Hazardous Materials</i> , 2009 , 164, 182-94	12.8	130
103	Modification of ammonium lignosulfonate by phenolation for use in phenolic resins. <i>Bioresource Technology</i> , 2005 , 96, 1013-8	11	113
102	Thermal Properties of Cyano-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 2187-2193	2.8	111
101	Volumetric, Transport and Surface Properties of [bmim][MeSO ₄] and [emim][EtSO ₄] Ionic Liquids As a Function of Temperature. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1518-1522	2.8	100
100	Liquid-Liquid equilibria for {hexane + benzene + 1-ethyl-3-methylimidazolium ethylsulfate} at (298.2, 313.2 and 328.2) K. <i>Fluid Phase Equilibria</i> , 2009 , 282, 117-120	2.5	86
99	Gelation and isoconversional kinetic analysis of lignin-phenol-formaldehyde resol resins cure. <i>Chemical Engineering Journal</i> , 2006 , 122, 159-166	14.7	86
98	Effects of copper and zinc on the activated sludge bacteria growth kinetics. <i>Water Research</i> , 1998 , 32, 1355-1362	12.5	85
97	Characterization and structural modification of ammoniac lignosulfonate by methylation. <i>Journal of Applied Polymer Science</i> , 2001 , 82, 2661-2668	2.9	75
96	Effect of Relative Humidity of Air on Density, Apparent Molar Volume, Viscosity, Surface Tension, and Water Content of 1-Ethyl-3-methylimidazolium Ethylsulfate Ionic Liquid. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 923-928	2.8	73
95	Evolution of parochial altruism by multilevel selection. <i>Evolution and Human Behavior</i> , 2011 , 32, 277-287	4	72
94	Liquid-Liquid Extraction of Toluene from Heptane Using 1-Alkyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 113-118	2.8	69
93	Selective extraction of toluene from n-heptane using [emim][SCN] and [bmim][SCN] ionic liquids as solvents. <i>Journal of Chemical Thermodynamics</i> , 2014 , 79, 266-271	2.9	64
92	Effect of Cationic and Anionic Chain Lengths on Volumetric, Transport, and Surface Properties of 1-Alkyl-3-methylimidazolium Alkylsulfate Ionic Liquids at (298.15 and 313.15) K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1297-1301	2.8	64
91	Physical Properties of N-Butylpyridinium Tetrafluoroborate and N-Butylpyridinium Bis(trifluoromethylsulfonyl)imide Binary Ionic Liquid Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1318-1325	2.8	63

90	Ternary Liquid-Liquid Equilibria Measurement for Hexane and Benzene with the Ionic Liquid 1-Butyl-3-methylimidazolium Methylsulfate at T = (298.2, 313.2, and 328.2) K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 258-261	2.8	61
89	Solubilities of Phenol and Pyrocatechol in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 918-921	2.8	55
88	Solvent effects in autocatalyzed alcohol-water pulping: Comparative study between ethanol and methanol as delignifying agents. <i>Chemical Engineering Journal</i> , 2002 , 87, 157-162	14.7	54
87	Liquid-Liquid extraction of toluene from n-heptane using binary mixtures of N-butylpyridinium tetrafluoroborate and N-butylpyridinium bis(trifluoromethylsulfonyl)imide ionic liquids. <i>Chemical Engineering Journal</i> , 2012 , 180, 210-215	14.7	53
86	Separation of toluene from n-heptane, 2,3-dimethylpentane, and cyclohexane using binary mixtures of [4empy][Tf2N] and [emim][DCA] ionic liquids as extraction solvents. <i>Separation and Purification Technology</i> , 2013 , 120, 392-401	8.3	52
85	Liquid-Liquid extraction of toluene from n-heptane by {[emim][TCM]+[emim][DCA]} binary ionic liquid mixtures. <i>Fluid Phase Equilibria</i> , 2014 , 364, 48-54	2.5	51
84	Separation of toluene and heptane by liquid-Liquid extraction using z-methyl-N-butylpyridinium tetrafluoroborate isomers (z=2, 3, or 4) at T=313.2 K. <i>Journal of Chemical Thermodynamics</i> , 2010 , 42, 1004-1008	2.9	51
83	Choline Chloride-Based Deep Eutectic Solvents in the Dearomatization of Gasolines. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 1039-1047	8.3	50
82	N-butylpyridinium bis-(trifluoromethylsulfonyl)imide ionic liquids as solvents for the liquid-Liquid extraction of aromatics from their mixtures with alkanes: Isomeric effect of the cation. <i>Fluid Phase Equilibria</i> , 2011 , 301, 62-66	2.5	49
81	Physical Properties of Binary and Ternary Mixtures of 2-Propanol, Water, and 1-Butyl-3-methylimidazolium Tetrafluoroborate Ionic Liquid. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1165-1173	2.8	48
80	Liquid-Liquid Equilibria for the Ternary Systems {Heptane + Toluene + N-Butylpyridinium Tetrafluoroborate or N-Hexylpyridinium Tetrafluoroborate} at T = 313.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2862-2865	2.8	47
79	COSMO-based/Aspen Plus process simulation of the aromatic extraction from pyrolysis gasoline using the {[4empy][NTf2] + [emim][DCA]} ionic liquid mixture. <i>Separation and Purification Technology</i> , 2018 , 190, 211-227	8.3	45
78	Dicyanamide-based ionic liquids in the liquid-Liquid extraction of aromatics from alkanes: Experimental evaluation and computational predictions. <i>Chemical Engineering Research and Design</i> , 2016 , 109, 561-572	5.5	44
77	Liquid-Liquid Extraction of BTEX from Reformer Gasoline Using Binary Mixtures of [4empy][Tf2N] and [emim][DCA] Ionic Liquids. <i>Energy & Fuels</i> , 2014 , 28, 6666-6676	4.1	43
76	Vapor-Liquid equilibria of {n-heptane + toluene + [emim][DCA]} system by headspace gas chromatography. <i>Fluid Phase Equilibria</i> , 2015 , 387, 209-216	2.5	42
75	Thermophysical Properties of 1-Ethyl-3-methylimidazolium 1,1,2,2-Tetrafluoroethanesulfonate and 1-Ethyl-3-methylimidazolium Ethylsulfate Ionic Liquids as a Function of Temperature. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3589-3597	2.8	41
74	Separation of aromatics from n-alkanes using tricyanomethanide-based ionic liquids: Liquid-liquid extraction, vapor-liquid separation, and thermophysical characterization. <i>Journal of Molecular Liquids</i> , 2016 , 223, 880-889	6	41
73	Application of artificial neural network to the determination of phenolic compounds in olive oil mill wastewater. <i>Journal of Food Engineering</i> , 2007 , 81, 544-552	6	40

72	Thermal stability, specific heats, and surface tensions of ([emim][DCA]+[4empy][Tf2N]) ionic liquid mixtures. <i>Journal of Chemical Thermodynamics</i> , 2014 , 76, 152-160	2.9	37
71	Modelling of carbon dioxide solubility in ionic liquids at sub and supercritical conditions by neural networks and mathematical regressions. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2008 , 93, 149-159	3.8	37
70	Quantification of phenolic compounds in olive oil mill wastewater by artificial neural network/laccase biosensor. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 7418-26	5.7	36
69	Design of the recovery section of the extracted aromatics in the separation of BTEX from naphtha feed to ethylene crackers using [4empy][Tf 2 N] and [emim][DCA] mixed ionic liquids as solvent. <i>Separation and Purification Technology</i> , 2017 , 180, 149-156	8.3	34
68	Physical Characterization of an Aromatic Extraction Solvent Formed by [bpy][BF4] and [4bmpy][Tf2N] Mixed Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 1496-1504	2.8	33
67	(Liquid+liquid) equilibria in the binary systems (aliphatic, or aromatic hydrocarbons+1-ethyl-3-methylimidazolium ethylsulfate, or 1-butyl-3-methylimidazolium methylsulfate ionic liquids). <i>Journal of Chemical Thermodynamics</i> , 2010 , 42, 144-150	2.9	33
66	Selective recovery of aliphatics from aromatics in the presence of the {[4empy][Tf 2 N] + [emim][DCA]} ionic liquid mixture. <i>Journal of Chemical Thermodynamics</i> , 2016 , 96, 134-142	2.9	31
65	Separation of toluene from n-heptane by liquid-liquid extraction using binary mixtures of [bpy][BF4] and [4bmpy][Tf2N] ionic liquids as solvent. <i>Journal of Chemical Thermodynamics</i> , 2012 , 53, 119-124	2.9	31
64	Separation of BTEX from a naphtha feed to ethylene crackers using a binary mixture of [4empy][Tf2N] and [emim][DCA] ionic liquids. <i>Separation and Purification Technology</i> , 2015 , 144, 54-62	8.3	30
63	Alkylsulfate-based ionic liquids in the liquid-liquid extraction of aromatic hydrocarbons. <i>Journal of Chemical Thermodynamics</i> , 2012 , 45, 68-74	2.9	30
62	Dearomatization of pyrolysis gasolines from mild and severe cracking by liquid-liquid extraction using a binary mixture of [4empy][Tf2N] and [emim][DCA] ionic liquids. <i>Fuel Processing Technology</i> , 2015 , 137, 269-282	7.2	28
61	Mixing and decomposition behavior of {[4bmpy][Tf2N]+[emim][EtSO4]} and {[4bmpy][Tf2N]+[emim][TFES]} ionic liquid mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 82, 58-75	2.9	28
60	Sulfonate-Based Ionic Liquids in the Liquid-Liquid Extraction of Aromatic Hydrocarbons. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3188-3193	2.8	28
59	Solvent Extraction of Toluene from Heptane with the Ionic Liquids N-Ethylpyridinium Bis(trifluoromethylsulfonyl)imide and z-Methyl-N-ethylpyridinium Bis(trifluoromethylsulfonyl)imide (z = 2, 3, or 4) at T = 313.2 K. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1027-1030	2.8	28
58	1-Alkyl-2,3-dimethylimidazolium Bis(trifluoromethylsulfonyl)imide Ionic Liquids for the Liquid-Liquid Extraction of Toluene from Heptane. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3468-3474	2.8	28
57	Solubilities of hydroquinone and p-quinone in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , 2002 , 200, 31-39	2.5	28
56	Enhanced separation of benzene and cyclohexane by homogeneous extractive distillation using ionic liquids as entrainers. <i>Separation and Purification Technology</i> , 2020 , 240, 116583	8.3	27
55	Experimental screening towards developing ionic liquid-based extractive distillation in the dearomatization of refinery streams. <i>Separation and Purification Technology</i> , 2018 , 201, 268-275	8.3	27

54	Thermal stability and specific heats of {[emim][DCA]+[emim][TCM]} mixed ionic liquids. <i>Thermochimica Acta</i> , 2014 , 588, 22-27	2.9	27
53	Liquid-Liquid Extraction of Toluene from n-Alkanes using {[4empy][Tf2N] + [emim][DCA]} Ionic Liquid Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 1692-1699	2.8	26
52	PHENOLIC OH GROUP ESTIMATION BY FTIR AND UV SPECTROSCOPY. APPLICATION TO ORGANOSOLV LIGNINS. <i>Journal of Wood Chemistry and Technology</i> , 2001 , 21, 387-395	2	25
51	Recovery of tyrosol from aqueous streams using hydrophobic ionic liquids: a first step towards developing sustainable processes for olive mill wastewater (OMW) management. <i>RSC Advances</i> , 2016 , 6, 18751-18762	3.7	25
50	Extraction of aromatic hydrocarbons from pyrolysis gasoline using tetrathiocyanatocobaltate-based ionic liquids: Experimental study and simulation. <i>Fuel Processing Technology</i> , 2017 , 159, 96-110	7.2	24
49	Field determination of phenolic compounds in olive oil mill wastewater by artificial neural network. <i>Biochemical Engineering Journal</i> , 2008 , 38, 171-179	4.2	24
48	Imidazolium and pyridinium-based ionic liquids for the cyclohexane/cyclohexene separation by liquid-liquid extraction. <i>Journal of Chemical Thermodynamics</i> , 2019 , 131, 340-346	2.9	24
47	Toluene/n-Heptane Separation by Extractive Distillation with Tricyanomethanide-Based Ionic Liquids: Experimental and CPA EoS Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 14242-14253	3.9	24
46	(Liquid+liquid) equilibrium for the ternary systems {heptane+toluene+1-allyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide} and {heptane+toluene+1-methyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide} ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2011 , 43, 1641-1645	2.9	23
45	Determination of 1-Ethyl-3-methylimidazolium Ethylsulfate Ionic Liquid and Toluene Concentration in Aqueous Solutions by Artificial Neural Network/UV Spectroscopy. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 3787-3793	3.9	23
44	Cyclohexane/cyclohexene separation by extractive distillation with cyano-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2019 , 289, 111120	6	22
43	Quantification of adulterant agents in extra virgin olive oil by models based on its thermophysical properties. <i>Journal of Food Engineering</i> , 2011 , 103, 211-218	6	21
42	Use of selective ionic liquids and ionic liquid/salt mixtures as entrainer in a (vapor + liquid) system to separate n-heptane from toluene. <i>Journal of Chemical Thermodynamics</i> , 2015 , 91, 156-164	2.9	20
41	Extraction of benzene, ethylbenzene, and xylenes from n-heptane using binary mixtures of [4empy][Tf2N] and [emim][DCA] ionic liquids. <i>Fluid Phase Equilibria</i> , 2014 , 380, 1-10	2.5	20
40	THE EFFECT OF AUTOCATALYZED ETHANOL PULPING ON LIGNIN CHARACTERISTICS. <i>Journal of Wood Chemistry and Technology</i> , 2001 , 21, 81-95	2	20
39	Extraction and recovery process to selectively separate aromatics from naphtha feed to ethylene crackers using 1-ethyl-3-methylimidazolium thiocyanate ionic liquid. <i>Chemical Engineering Research and Design</i> , 2017 , 120, 102-112	5.5	18
38	Liquid-Liquid extraction of toluene from heptane by {[4bmpy][Tf2N]+[emim][CHF2CF2SO3]} ionic liquid mixed solvents. <i>Fluid Phase Equilibria</i> , 2013 , 337, 47-52	2.5	18
37	Design of the Hydrocarbon Recovery Section from the Extract Stream of the Aromatic Separation from Reformer and Pyrolysis Gasolines Using a Binary Mixture of [4empy][Tf2N] + [emim][DCA] Ionic Liquids. <i>Energy & Fuels</i> , 2017 , 31, 1035-1043	4.1	17

36	Transformation of dynamic DSC results into isothermal data for the curing kinetics study of the resol resins. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006 , 86, 797-802	4.1	17
35	New Experimental Data and Modeling of Glymes: Toward the Development of a Predictive Model for Polyethers. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 7830-7844	3.9	16
34	Dearomatization of pyrolysis gasoline by extractive distillation with 1-ethyl-3-methylimidazolium tricyanomethanide. <i>Fuel Processing Technology</i> , 2019 , 195, 106156	7.2	16
33	A comparative study of pure ionic liquids and their mixtures as potential mass agents in the separation of hydrocarbons. <i>Journal of Molecular Liquids</i> , 2016 , 222, 118-124	6	15
32	Ecotoxicity evaluation towards <i>Vibrio fischeri</i> of imidazolium- and pyridinium-based ionic liquids for their use in separation processes. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	15
31	Vapor-liquid equilibria for n-heptane + {benzene, toluene, p-xylene, or ethylbenzene} + {[4empy][Tf2N] (0.3) + [emim][DCA] (0.7)} binary ionic liquid mixture. <i>Fluid Phase Equilibria</i> , 2016 , 417, 41-49	2.5	14
30	Separation of benzene from methylcycloalkanes by extractive distillation with cyano-based ionic liquids: Experimental and CPA EoS modelling. <i>Separation and Purification Technology</i> , 2020 , 234, 116128	8.3	13
29	Master curve and time-temperature-transformation cure diagram of lignin-phenolic and phenolic resol resins. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 3362-3369	2.9	12
28	Modelling solubility of solids in supercritical fluids using response surface methodology. <i>Journal of Chemical Technology and Biotechnology</i> , 2000 , 75, 245-251	3.5	12
27	Thermal stability and specific heats of {[bpy][BF4] + [bpy][Tf2N]} and {[bpy][BF4] + [4bmpy][Tf2N]} mixed ionic liquid solvents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 119, 1235-1243	4.1	11
26	A neural network approach based on gold-nanoparticle enzyme biosensor. <i>Journal of Chemometrics</i> , 2008 , 22, 46-53	1.6	11
25	Novel Process to Reduce Benzene, Thiophene, and Pyrrole in Gasoline Based on [4bmpy][TCM] Ionic Liquid. <i>Energy & Fuels</i> , 2018 , 32, 5650-5658	4.1	10
24	Vapor-Liquid Equilibria for (n-Hexane, n-Octane, Cyclohexane, or 2,3-Dimethylpentane) + Toluene + {[4empy][Tf2N] (0.3) + [emim][DCA] (0.7)} Mixed Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 2440-2449	2.8	10
23	Principal Component Analysis/UV Spectroscopy for the Determination of 1-Ethyl-3-methylimidazolium Ethylsulfate Ionic Liquid and Toluene Concentrations in Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 4025-4028	3.9	10
22	Kraft Pulping of <i>Eucalyptus globulus</i> : Kinetics of Residual Delignification. <i>Industrial & Engineering Chemistry Research</i> , 2002 , 41, 1955-1959	3.9	10
21	Dearomatization of pyrolysis gasoline with an ionic liquid mixture: Experimental study and process simulation. <i>AIChE Journal</i> , 2017 , 63, 4054-4065	3.6	9
20	Vapor-Liquid Equilibria of n-Heptane + Toluene + 1-Ethyl-4-methylpyridinium Bis(trifluoromethylsulfonyl)imide Ionic Liquid. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 458-465	2.8	9
19	Separation of Toluene and Heptane by Liquid-Liquid Extraction Using Binary Mixtures of the Ionic Liquids 1-Butyl-4-methylpyridinium Bis(trifluoromethylsulfonyl)imide and 1-Ethyl-3-methylimidazolium Ethylsulfate. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 2472-2478	2.8	9

18	On the volatility of aromatic hydrocarbons in ionic liquids: Vapor-liquid equilibrium measurements and theoretical analysis. <i>Journal of Molecular Liquids</i> , 2018 , 250, 9-18	6	9
17	Toward Modeling the Aromatic/Aliphatic Separation by Extractive Distillation with Tricyanomethanide-Based Ionic Liquids Using CPA EoS. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 19681-19692	3.9	7
16	Application of lag-k autocorrelation coefficient and the TGA signals approach to detecting and quantifying adulterations of extra virgin olive oil with inferior edible oils. <i>Analytica Chimica Acta</i> , 2011 , 688, 140-5	6.6	7
15	Determination of Toluene, n-Heptane, [emim][EtSO ₄], and [bmim][MeSO ₄] Ionic Liquids Concentrations in Quaternary Mixtures by UV-Vis Spectroscopy. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 4998-5003	3.9	7
14	Technoeconomic Assessment of a Biomass Pretreatment + Ionic Liquid Recovery Process with Aprotic and Choline Derived Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 8467-8476	8.3	7
13	Impact of water on the [C4C1im][Ac] ability for the CO ₂ /CH ₄ separation. <i>Journal of CO₂ Utilization</i> , 2019 , 31, 115-123	7.6	6
12	Insights into Ionic Liquid/Aromatic Systems from NMR Spectroscopy: How Water Affects Solubility and Intermolecular Interactions. <i>ChemPlusChem</i> , 2019 , 84, 872-881	2.8	5
11	High pressure density of tricyanomethanide-based ionic liquids: Experimental and PC-SAFT modelling. <i>Fluid Phase Equilibria</i> , 2020 , 520, 112652	2.5	4
10	Extractive Distillation with Ionic Liquids To Separate Benzene, Toluene, and Xylene from Pyrolysis Gasoline: Process Design and Techno-Economic Comparison with the Morphylane Process. <i>Industrial & Engineering Chemistry Research</i> ,	3.9	4
9	. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 15058-15068	3.9	4
8	Design and optimisation of a filter based on neural networks. Application to reduce noise in experimental measurement by TGA of thermal degradation of 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid. <i>Sensors and Actuators B: Chemical</i> , 2008 , 133, 426-434	8.5	3
7	Aliphatic and aromatic hydrocarbon diffusion coefficients at infinite dilution in [emim][DCA] and [4empy][Tf ₂ N] ionic liquids. <i>Journal of Molecular Liquids</i> , 2019 , 288, 111082	6	2
6	Experimental screening of ionic liquids as mass agents in the n-hexane/1-hexene extractive distillation. <i>Fluid Phase Equilibria</i> , 2021 , 549, 113205	2.5	2
5	Developing a new correlation for the aliphatic and aromatic hydrocarbon diffusion coefficients at infinite dilution in ionic liquids. <i>Journal of Molecular Liquids</i> , 2019 , 296, 111857	6	1
4	High-Pressure Density of Bis(1-alkyl-3-methylimidazolium) Tetrathiocyanatocobaltate Ionic Liquids: Experimental and PC-SAFT with Volume-Shift Modeling. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 4827-4833	2.8	1
3	Tetrathiocyanatocobaltate and bis(trifluoromethylsulfonyl)imide-based ionic liquids as mass agents in the separation of cyclohexane and cyclohexene mixtures by homogeneous extractive distillation. <i>Journal of Chemical Thermodynamics</i> , 2021 , 157, 106403	2.9	0
2	Modelling of Hydrocarbon Solubility in Isomeric Ionic Liquids Using Mathematical Regressions. <i>Separation Science and Technology</i> , 2012 , 47, 392-398	2.5	
1	Evaluation of a protease assay based on a natural protein for heavy metals inhibition of activated sludge. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2001 , 36, 1349-60	2.3	

