

Dongmei Xu

List of Publications by Year in descending order

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112
papers

2,251
citations

218381

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113
all docs

113
docs citations

113
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction and mechanism for the separation of neutral N -compounds from coal tar by ionic liquids. Fuel, 2017, 194, 27-35.	3.4	88
2	Separation of thioglycolic acid from its aqueous solution by ionic liquids: Ionic liquids selection by the COSMO-SAC model and liquid-liquid phase equilibrium. Journal of Chemical Thermodynamics, 2018, 118, 263-273.	1.0	76
3	Separation of azeotrope (ethanol and ethyl methyl carbonate) by different imidazolium-based ionic liquids: Ionic liquids interaction analysis and phase equilibrium measurements. Journal of Molecular Liquids, 2018, 261, 89-95.	2.3	70
4	Choline chloride based deep eutectic solvents selection and liquid-liquid equilibrium for separation of dimethyl carbonate and ethanol. Journal of Molecular Liquids, 2019, 275, 347-353.	2.3	58
5	Separation of cresol from coal tar by imidazolium-based ionic liquid [Emim][SCN]: Interaction exploration and extraction experiment. Fuel, 2020, 264, 116908.	3.4	58
6	Liquid-liquid equilibrium for ternary systems of ethyl acetate/isopropyl acetate+2,2,3,3-tetrafluoro-1-propanol+water at 298.15, 318.15K. Journal of Chemical Thermodynamics, 2017, 106, 218-227.	1.0	51
7	Separation of azeotrope (allyl alcohol+water): Isobaric vapour-liquid phase equilibrium measurements and extractive distillation. Journal of Chemical Thermodynamics, 2018, 118, 139-146.	1.0	48
8	Efficient Extraction of Neutral Heterocyclic Nitrogen Compounds from Coal Tar via Ionic Liquids and Its Mechanism Analysis. Energy & Fuels, 2018, 32, 9358-9370.	2.5	48
9	Separation of the mixture pyridine + methylbenzene via several acidic ionic liquids: Phase equilibrium measurement and correlation. Fluid Phase Equilibria, 2017, 440, 103-110.	1.4	45
10	Liquid-liquid equilibrium determination and thermodynamics modeling for extraction of isopropanol from its aqueous solution. Fluid Phase Equilibria, 2018, 458, 40-46.	1.4	45
11	Direct reductive coupling of nitroarenes and alcohols catalysed by Co@CNT@AC. Green Chemistry, 2019, 21, 2129-2137.	4.6	44
12	Separation of azeotrope (2,2,3,3-tetrafluoro-1-propanol + water): Isobaric vapour-liquid phase equilibrium measurements and azeotropic distillation. Journal of Chemical Thermodynamics, 2017, 115, 19-26.	1.0	43
13	Cooperative effect from cation and anion of pyridine-containing anion-based ionic liquids for catalysing CO ₂ transformation at ambient conditions. Science China Chemistry, 2017, 60, 958-963.	4.2	42
14	Multiscale Exploration and Experimental Insights into Separating Neutral Heterocyclic Nitrogen Compounds Using [emim][NO ₃] as an Extractant. ACS Sustainable Chemistry and Engineering, 2020, 8, 5662-5673.	3.2	42
15	Efficient extraction of phenol from low-temperature coal tar model oil via imidazolium-based ionic liquid and mechanism analysis. Journal of Molecular Liquids, 2020, 306, 112911.	2.3	41
16	Measurement and correlation of phase equilibria for ternary systems of water+ethanol/1-propanol+1-decyl-3-methylimidazolium bis(trifluoromethylsulfonyl) imide at 298.15K. Fluid Phase Equilibria, 2016, 427, 340-344.	1.4	38
17	Multiscale modeling and liquid-liquid equilibria insights for the extraction of heterocyclic nitrogen compounds from coal tar via [emim][TOS] as extractant. Journal of Molecular Liquids, 2019, 277, 825-832.	2.3	35
18	Isobaric Vapor-Liquid Equilibrium for Binary Systems of 2,2,3,3-Tetrafluoro-1-propanol + 2,2,3,3,4,4,5,5-Octafluoro-1-pentanol at 53.3, 66.7, 80.0 kPa. Journal of Chemical & Engineering Data, 2016, 61, 3371-3376.	1.0	34

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19	Measurement and thermodynamic modelling of ternary liquid-liquid equilibrium for extraction of thioglycolic acid from aqueous solution with different solvents. <i>Journal of Chemical Thermodynamics</i> , 2017, 113, 229-235.	1.0	34
20	Separation of Dimethyl Carbonate and Methanol by Deep Eutectic Solvents: Liquid-Liquid Equilibrium Measurements and Thermodynamic Modeling. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 1234-1239.	1.0	34
21	Separation of heterocyclic nitrogen compounds from coal tar fractions via ionic liquids: COSMO-SAC screening and experimental study. <i>Chemical Engineering Communications</i> , 2019, 206, 1199-1217.	1.5	34
22	Energy-Saving Exploration of Mixed Solvent Extractive Distillation Combined with Thermal Coupling or Heat Pump Technology for the Separation of an Azeotrope Containing Low-Carbon Alcohol. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13204-13219.	1.8	31
23	Separation of azeotrope (2,2,3,3-tetrafluoro-1-propanol + water) via heterogeneous azeotropic distillation by energy-saving dividing-wall column: Process design and control strategies. <i>Chemical Engineering Research and Design</i> , 2018, 135, 52-66.	2.7	30
24	Isobaric Vapor-Liquid Equilibrium for Binary Systems of Thioglycolic Acid with Water, Butyl Acetate, Butyl Formate, and Isobutyl Acetate at 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 355-361.	1.0	29
25	Extraction and mechanism exploration for separating cresols from coal tar by ionic liquid ethanolamine lactate. <i>Journal of Molecular Liquids</i> , 2020, 305, 112845.	2.3	29
26	Liquid-liquid phase equilibrium and interaction exploration for separation of azeotrope (2,2,3,3-tetrafluoro-1-propanol + water) with two imidazolium-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2020, 300, 112266.	2.3	28
27	Measurement and Modeling of Liquid-Liquid Equilibrium for the Systems Vinyl Acetate + Acetic Acid/Ethanol + Water at 298.15 and 308.15 K. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 1240-1246.	1.0	26
28	Vapor-liquid equilibrium and extractive distillation for separation of azeotrope isopropyl alcohol and diisopropyl ether. <i>Journal of Chemical Thermodynamics</i> , 2019, 131, 294-302.	1.0	26
29	Liquid-liquid equilibrium measurements and interaction explorations for separation of azeotrope n-butyl acetate and n-butanol using three ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2021, 155, 106349.	1.0	26
30	Liquid-liquid equilibrium for the ternary systems water+2-methyl-1-propanol+butyl acetate and water+2-methyl-2-propanol+butyl acetate at (298.15 and 323.15)K. <i>Fluid Phase Equilibria</i> , 2014, 381, 60-66.	1.4	25
31	Separation of azeotrope 2,2,3,3-tetrafluoro-1-propanol and water by extractive distillation using ionic liquids: Vapor-liquid equilibrium measurements and interaction analysis. <i>Journal of Molecular Liquids</i> , 2019, 292, 111424.	2.3	25
32	Deep eutectic solvents effect on vapor-liquid phase equilibrium for separation of allyl alcohol from its aqueous solution. <i>Journal of Molecular Liquids</i> , 2019, 279, 524-529.	2.3	24
33	Fluoride removal from secondary effluent of the graphite industry using electrodialysis: Optimization with response surface methodology. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	24
34	Liquid-Liquid Equilibrium for the Ternary System 2,2,3,3,4,4,5,5-Octafluoro-1-pentanol + Ethanol + Water at (298.15, 308.15, and 318.15) K. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 2733-2738.	1.0	23
35	Liquid-Liquid Equilibrium for the Ternary System Isopropyl Acetate + Ethanol + Water at (293.15, 313.15,) Tj ETQq1 1 0.784314 rg BT	1.0	23
36	Liquid-Liquid Equilibrium of Isobutyl Acetate + Isobutyl Alcohol + Imidazolium-Based Ionic Liquids at 298.15 and 308.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 778-783.	1.0	23

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37	Liquid-liquid measurement and correlation for separation of azeotrope (dimethyl carbonate and) Tj ETQq1 1 0.784314 rgBT /Oyerlock	1.4	23
38	Measurements and correlations of density, viscosity, and vapour-liquid equilibrium for fluoro alcohols. Journal of Chemical Thermodynamics, 2016, 102, 155-163.	1.0	22
39	Isobaric Vapor-Liquid Equilibrium for Binary Systems of Allyl Alcohol with Water, Methanol, and Ethanol at 101.3 kPa. Journal of Chemical & Engineering Data, 2016, 61, 2071-2077.	1.0	22
40	Salts effect on isobaric vapor-liquid equilibrium for separation of the azeotropic mixture allyl alcohol + water. Fluid Phase Equilibria, 2018, 457, 11-17.	1.4	22
41	Vapor-Liquid Phase Equilibrium for Separation of Isopropanol from Its Aqueous Solution by Choline Chloride-Based Deep Eutectic Solvent Selected by COSMO-SAC Model. Journal of Chemical & Engineering Data, 2019, 64, 1338-1348.	1.0	22
42	Liquid-liquid equilibrium measurements and interaction exploration for separation of isobutyl alcohol + isobutyl acetate by imidazolium-based ionic liquids with different anions. Journal of Chemical Thermodynamics, 2020, 141, 105932.	1.0	22
43	Measurement and correlation of liquid-liquid equilibrium for the ternary system 2,2,3,3,4,4,5,5-octafluoro-1-pentanol + methanol + water at (298.15, 308.15, and 318.15) K. Fluid Phase Equilibria, 2016, 409, 377-382.	1.4	21
44	Determination of a suitable index for a solvent via two-column extractive distillation using a heuristic method. Frontiers of Chemical Science and Engineering, 2020, 14, 824-833.	2.3	21
45	Separation of <i>m</i> -Cresol from Coal Tar Model Oil Using Propylamine-Based Ionic Liquids: Extraction and Interaction Mechanism Exploration. ACS Omega, 2020, 5, 23090-23098.	1.6	21
46	Separation of azeotropic mixture (acetone + n-heptane) by extractive distillation with intermediate and heavy boiling entrainers: Vapour-liquid equilibrium measurements and correlation. Journal of Chemical Thermodynamics, 2021, 152, 106284.	1.0	21
47	Measurement and Thermodynamic Modeling of Ternary Liquid-Liquid Equilibrium for Extraction of 2,6-Xylenol from Aromatic Hydrocarbon Mixtures with Different Solvents. Journal of Chemical & Engineering Data, 2021, 66, 330-337.	1.0	21
48	Synthesis cooling water system with air coolers. Chemical Engineering Research and Design, 2018, 131, 643-655.	2.7	18
49	Separation of azeotrope 2,2,3,3-tetrafluoro-1-propanol and water: Liquid-liquid equilibrium measurements and interaction exploration. Journal of Chemical Thermodynamics, 2020, 142, 106011.	1.0	18
50	Separation of azeotropic mixture isopropyl alcohol + ethyl acetate by extractive distillation: Vapor-liquid equilibrium measurements and interaction exploration. Fluid Phase Equilibria, 2020, 507, 112428.	1.4	17
51	Entrainers selection and vapour-liquid equilibrium measurements for separating azeotropic mixtures (ethanol + n-hexane/cyclohexane) by extractive distillation. Journal of Chemical Thermodynamics, 2020, 144, 106070.	1.0	17
52	Extraction and interaction insights for enhanced separation of phenolic compounds from model coal tar using a hydroxyl-functionalized ionic liquid. Chemical Engineering Research and Design, 2022, 178, 567-574.	2.7	17
53	Isobaric Vapor-Liquid Equilibrium for Binary Systems of Cyclohexanone + Benzene, Cyclohexanone + Toluene, and Cyclohexanone + <i>p</i> -Xylene at 101.3 kPa. Journal of Chemical & Engineering Data, 2017, 62, 1948-1954.	1.0	16
54	Separation of azeotropic mixture (2, 2, 3, 3-Tetrafluoro-1-propanol + water) by extractive distillation: Entrainers selection and vapour-liquid equilibrium measurements. Journal of Chemical Thermodynamics, 2019, 138, 205-210.	1.0	16

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55	Separation of the mixture (isopropyl alcohol + diisopropyl ether + n-propanol): Entrainer selection, interaction exploration and vapour-liquid equilibrium measurements. <i>Journal of Chemical Thermodynamics</i> , 2019, 135, 27-34.	1.0	16
56	Separation of Azeotropes Hexane + Ethanol/1-Propanol by Ionic Liquid Extraction: Liquid-Liquid Phase Equilibrium Measurements and Thermodynamic Modeling. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 4296-4300.	1.0	15
57	Vapour-liquid equilibrium measurements and correlation for separating azeotropic mixture (ethyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5	1.0	15
58	Liquid-Liquid Equilibrium for Ternary Systems (Ethyl Acetate/Isopropyl Acetate + 2,2-Difluoroethanol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.0	15
59	One-pot template-free preparation of mesoporous MgO-ZrO ₂ catalyst for the synthesis of dipropyl carbonate. <i>Applied Catalysis A: General</i> , 2018, 555, 130-137.	2.2	14
60	Liquid-Liquid Equilibrium Measurements and Correlation for Ternary Systems (Butyl Acetate +) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 <i>Engineering Data</i> , 2019, 64, 3244-3249.	1.0	14
61	Liquid-Liquid-Phase Equilibrium for Quaternary Systems (n-Decane + 1-Tetradecene +) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5 <i>Diesel. Journal of Chemical & Engineering Data</i> , 2021, 66, 2803-2811.	1.0	14
62	Extraction and multi-scale mechanism explorations for separating indole from coal tar via tetramethylguanidine-based ionic liquids. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105255.	3.3	14
63	Intermolecular Interaction and Extraction Explorations for Separation of High-Boiling Neutral Nitrogen Compounds Using Biodegradable Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15839-15848.	3.2	14
64	Liquid-Liquid Equilibrium for Ternary Mixture Water + (n-Propanol/Isopropanol) + Cyclohexanone at 298.15 and 308.15 K. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 233-238.	1.0	13
65	Separation of isopropanol from its aqueous solution with deep eutectic solvents: liquid-liquid equilibrium measurement and thermodynamic modeling. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 569-576.	0.7	13
66	Vapour-liquid equilibrium measurements and extractive distillation process design for separation of azeotropic mixture (dimethyl carbonate + ethanol). <i>Journal of Chemical Thermodynamics</i> , 2019, 133, 10-18.	1.0	12
67	Multiscale evaluation of the efficiently separation of phenols using a designed cationic functionalized ionic liquid based on Brønsted/Lewis coordination. <i>Journal of Molecular Liquids</i> , 2022, 345, 117901.	2.3	12
68	Molecular mechanism and extraction explorations for separation of pyridine from coal pyrolysis model mixture using protic ionic liquid [Hnmp][HSO ₄]. <i>Fuel</i> , 2022, 309, 122130.	3.4	12
69	Nacre-Templated Synthesis of Highly Dispersible Carbon Nanomeshes for Layered Membranes with High-Flux Filtration and Sensing Properties. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2850-2858.	4.0	11
70	Thermal coupled extractive distillation sequences with three entrainers for the separation of azeotrope isopropyl alcohol + diisopropyl ether. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 1590-1603.	1.6	11
71	Energy efficient and environmentally friendly pervaporation-distillation hybrid process for ternary azeotrope purification. <i>Computers and Chemical Engineering</i> , 2021, 147, 107236.	2.0	11
72	Performance of functionalized ionic liquid with double chemical sites for separating phenolic compounds: mechanism and liquid-liquid behavior studies. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106790.	3.3	11

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73	Liquid-liquid equilibrium measurement and thermodynamics modeling for the systems water+ thioglycolic acid+ isopropyl ether/methyl tert-butyl ether at 298.15 and 308.15 K. Fluid Phase Equilibria, 2018, 476, 126-130.	1.4	10
74	Recovering Wastewater in a Cooling Water System with Thermal Membrane Distillation. Industrial & Engineering Chemistry Research, 2018, 57, 10491-10499.	1.8	10
75	Isobaric Vapor-Liquid Equilibrium of Binary Systems (Isopropyl Acetate/Isopropyl Alcohol + Dibutyl) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	10
76	Extraction performance evaluation and theoretical analysis of removal of phenol from oil mixture using a dual-functionalized ionic liquid: 1-hydroxyethyl-3-methylimidazolium propionate. Journal of Chemical Technology and Biotechnology, 2021, 96, 1947-1953.	1.6	10
77	Explorations of Liquid-Liquid Phase Equilibrium for the Mixture (Isopropanol + Water) with Pyridinium-Based Ionic Liquids. Journal of Chemical & Engineering Data, 2021, 66, 2192-2199.	1.0	10
78	Liquid-liquid phase behavior for water+2,2-difluoroethanol with three imidazole-based ionic liquids. Journal of Molecular Liquids, 2022, 345, 117836.	2.3	10
79	Liquid-liquid equilibria for separation of benzothiophene from model fuel oil: Solvent screening and thermodynamic modeling. Journal of Chemical Thermodynamics, 2022, 167, 106693.	1.0	10
80	Separation of the Azeotropic Mixture Methanol and Toluene Using Extractive Distillation: Entrainer Determination, Vapor-Liquid Equilibrium Measurement, and Modeling. ACS Omega, 2021, 6, 34736-34743.	1.6	10
81	Measurement and Correlation of Phase Equilibria for Isobutyl Acetate + {Ethanol or Methanol} + Water at 303.15 and 323.15 K. Journal of Chemical & Engineering Data, 2017, 62, 1587-1593.	1.0	9
82	Measurement and Correlation of Isobaric Vapor-Liquid Equilibrium for Binary Systems of Allyl Alcohol with Isobutyl Acetate, Butyl Acetate, and Butyl Propionate at 101.3 kPa. Journal of Chemical & Engineering Data, 2018, 63, 845-852.	1.0	9
83	ZIF-8-porous ionic liquids for the extraction of 2,2,3,3-tetrafluoro-1-propanol and water mixture. New Journal of Chemistry, 2021, 45, 8557-8562.	1.4	9
84	Efficient extraction and theoretical insights for separating <i>o</i> -cresol, <i>m</i> -cresol, and <i>p</i> -cresol from model coal tar by an ionic liquid [Emim][DCA]. Canadian Journal of Chemical Engineering, 2022, 100, .	0.9	9
85	Extraction of allyl alcohol from its aqueous solution using two different ionic liquids: Intermolecular interaction and liquid-liquid phase equilibrium explorations. Journal of Molecular Liquids, 2021, 336, 116875.	2.3	9
86	Dynamic Control of Hybrid Processes with Liquid-Liquid Extraction for Propylene Glycol Methyl Ether Dehydration. Industrial & Engineering Chemistry Research, 2018, 57, 13811-13820.	1.8	8
87	Liquid-Liquid Equilibrium for Ternary Systems of <i>N</i> -Methylformamide + Pyrrole/Indole + Alkanes at 298.15 K: Phase Equilibrium Measurement and Correlation. Journal of Chemical & Engineering Data, 2019, 64, 3085-3091.	1.0	8
88	Isobaric Vapor-Liquid Phase Equilibrium Measurements, Correlation, and Prediction for Separation of the Mixtures of Cyclohexanone and Alcohols. Journal of Chemical & Engineering Data, 2018, 63, 2038-2045.	1.0	7
89	Measurement and Correlation of Vapor-Liquid Equilibrium for Binary Systems of Dimethyl Carbonate with Butyl Butyrate, <i>o</i> -Xylene, and Cyclohexanone at 101.3 kPa. Journal of Chemical & Engineering Data, 2019, 64, 5210-5217.	1.0	7
90	Vapor-Liquid Equilibrium for Binary of 1-Butanol + <i>N,N</i> -Dimethylacetamide and Methyl Isobutyl Ketone + <i>N,N</i> -Dimethylacetamide at 101.3 kPa. Journal of Chemical & Engineering Data, 2019, 64, 4142-4147.	1.0	7

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91	Comprehensive evaluation of the role of phenolate based ionic liquid on extracting pyrrole from diverse sources: A combined molecular dynamics simulation study and experiment validation. Journal of Molecular Liquids, 2021, 334, 116525.	2.3	7
92	Liquid-liquid extraction and mechanism exploration for separation of mixture 2,2,3,3-Tetrafluoro-1-propanol and water using pyridine-based ionic liquids. Journal of Molecular Liquids, 2022, 360, 119468.	2.3	7
93	Solubility Determination and Thermodynamic Modeling of Sodium Thioglycolate in Pure and Binary Solvent Mixtures from $T = (293.15 \text{ to } 333.15) \text{ K}$. Journal of Chemical & Engineering Data, 2017, 62, 3105-3123.	1.0	6
94	Ternary Liquid-Liquid Equilibrium of Toluene + Dimethyl Carbonate + ILs at 298.15 K and Atmospheric Pressure. Journal of Chemical & Engineering Data, 2019, 64, 3598-3605.	1.0	6
95	Ternary liquid-liquid equilibrium of methanol + isopropyl acetate/methyl methacrylate + 1-methylimidazole hydrogen sulfate at different temperatures and 1 atm. Journal of Molecular Liquids, 2019, 283, 515-521.	2.3	6
96	Isobaric Vapor-Liquid Phase Equilibrium Measurements for Allyl Alcohol with Chloroform, Ethyl Acetate, and Methyl Propionate at 101.3 kPa. Journal of Chemical & Engineering Data, 2019, 64, 682-687.	1.0	6
97	Process design, evaluation and control for separation of 2,2,3,3-tetrafluoro-1-propanol and water by extractive distillation using ionic liquid 1-ethyl-3-methylimidazolium acetate. Journal of Chemical Technology and Biotechnology, 2021, 96, 3175-3184.	1.6	6
98	Separation of indole by designed ionic liquids with dual functional chemical sites: Mechanism exploration and experimental validation. Journal of Environmental Chemical Engineering, 2021, 9, 105971.	3.3	6
99	Optimization of decanter temperature in separating partially miscible homoazeotrope to reduce cost and energy consumption. Journal of Chemical Technology and Biotechnology, 2019, 94, 1998-2008.	1.6	5
100	Isobaric Vapor-Liquid Equilibrium Measurements for Separation of Azeotrope (Methanol + Methyl Tertiary Butyl Ether) at 101.3 kPa. Journal of Chemical & Engineering Data, 2020, 65, 2271-2279.	1.0	5
101	Vapor-Liquid Equilibrium Study of Binary Mixtures of Chloroform, 2-Ethylhexanoic Acid, and Propylene Glycol Methyl Ether at Atmospheric Pressure. Journal of Chemical & Engineering Data, 2020, 65, 2271-2279.	1.0	5
102	Isobaric vapour-liquid equilibrium for binary and ternary systems of isopropyl acetate, isopropyl alcohol, acetic acid and water at 101.3 kPa. Journal of Chemical Thermodynamics, 2022, 165, 106662.	1.0	5
103	Liquid-liquid equilibrium data for ternary mixtures (water + isopropanol + 1-pentanol/1-hexanol/1-heptanol) at 298.15 K: Measurement, correlation and prediction. Journal of Chemical Thermodynamics, 2022, 174, 106871.	1.0	5
104	Solvent-Free Synthesis of Surfactants of High-Carbon Alkyl Phosphates Used for Cosmetics. Journal of Surfactants and Detergents, 2018, 21, 789-795.	1.0	4
105	Entrainers selection and vapour-liquid equilibrium measurements for isopropyl acetate with propyl propionate, butyl propionate, and butyl butyrate at 101.3 kPa. Journal of Chemical Thermodynamics, 2020, 146, 106107.	1.0	4
106	Construction of SAPO-34/SiO ₂ composite: effective catalyst for methanol to olefins reaction. New Journal of Chemistry, 2021, 45, 15497-15502.	1.4	4
107	Comparative evaluation of liquid-liquid equilibria for extraction of 2,2,3,3-tetrafluoro-1-propanol from water by a ZIF-8 porous ionic liquid. Journal of Chemical Technology and Biotechnology, 2022, 97, 933-942.	1.6	4
108	Investigating the stability of gold nanorods modified with thiol molecules for biosensing. RSC Advances, 2016, 6, 174-178.	1.7	3

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109	One-Step Synthesis of High-Silica ZSM-5 Zeolite with Less Internal Silicon Hydroxyl Groups: Highly Stable Catalyst for Methanol to Propene Reaction. <i>Catalysis Letters</i> , 0, , 1.	1.4	1
110	Facile Synthesis of ZnSAPO-34 Zeolite via a ZnO Route. <i>Catalysis Letters</i> , 2021, 151, 2223.	1.4	0
111	MEASUREMENTS AND THERMODYNAMIC MODELING OF VAPOR-LIQUID EQUILIBRIA FOR BINARY SYSTEMS OF ISOPROPYL CHLOROACETATE WITH CYCLOHEXANE, ISOPROPNOL AND BENZENE AT 101.3 kPa. <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 1717-1725.	0.7	0
112	Measurement and Thermodynamic Modeling of Liquid-Liquid Equilibrium Data for Ternary Systems (Water + Formaldehyde + Methyl Isobutyl Ketone/Cyclohexanone) at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 0, , .	1.0	0