Yafei Guo

List of Publications by Citations

156	1,237	19	26
papers	citations	h-index	g-index
163	1,630	3.7	5.12
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
156	Isothermal Evaporation Process Simulation Using the Pitzer Model for the Quinary System LiClNaClKClSrCl2H2O at 298.15 K. *Industrial & Engineering Chemistry Research*, **2015**, 54, 8311-8318	3.9	45
155	Composite hydrogel particles encapsulated ammonium molybdophosphate for efficiently cesium selective removal and enrichment from wastewater. *Journal of Hazardous Materials*, **2019**, 371, 694-704	12.8	42
154	Solid–liquid Phase Equilibria in the Ternary Systems (LiCl + MgCl2 + H2O) and (Li2SO4 + MgSO4 + H2O) at 288.15 K. *Journal of Chemical & Engineering Data*, **2015**, 60, 821-827	2.8	35
153	Experimental determination and modeling of the solubility phase diagram of the ternary system (Li2SO4 + K2SO4 + H2O) at 288.15 K. *Thermochimica Acta*, **2015**, 601, 75-81	2.9	35
152	A review on emerging composite materials for cesium adsorption and environmental remediation on the latest decade. *Separation and Purification Technology*, **2020**, 251, 117340	8.3	34
151	Phase Equilibria and Phase Diagrams for the Aqueous Ternary System (Na2SO4 + Li2SO4 + H2O) at (288 and 308) K. *Journal of Chemical & Engineering Data*, **2013**, 58, 2763-2767	2.8	32
150	Solubilities, Densities, and Refractive Indices in the Salt-Water Ternary System (LiCl + LiBO2+ H2O) atT= 288.15 K and 298.15 K andp= 0.1 MPa. *Journal of Chemical & Engineering Data*, **2015**, 60, 2594-2599	2.8	31
149	Synthesis of Polyporous Ion-Sieve and Its Application for Selective Recovery of Lithium from Geothermal Water. *ACS Applied Materials & Interfaces*, **2019**, 11, 26364-26372	9.5	31
148	Recovery of lithium from underground brine by multistage centrifugal extraction using tri-isobutyl phosphate. *Separation and Purification Technology*, **2019**, 211, 790-798	8.3	30
147	Extraction of lithium from salt lake brine with triisobutyl phosphate in ionic liquid and kerosene. *Chemical Research in Chinese Universities*, **2015**, 31, 621-626	2.2	29
146	Phase equilibria in the aqueous ternary systems (LiCl + LiBO2 + H2O) and (Li2SO4 + LiBO2 + H2O) at 323.15 K and 0.1 MPa. *Fluid Phase Equilibria*, **2017**, 436, 13-19	2.5	28
145	Speciation Analysis of Trace Arsenic, Mercury, Selenium and Antimony in Environmental and Biological Samples Based on Hyphenated Techniques. *Molecules*, **2019**, 24,	4.8	28
144	Solid–liquid Phase Equilibrium in the Ternary Systems (Li2B4O7 + MgB4O7 + H2O) and (Na2B4O7 + MgB4O7 + H2O) at 298.15 K. *Journal of Chemical & Engineering Data*, **2017**, 62, 253-258	2.8	26
143	Metastable Phase Equilibrium in the Aqueous Ternary System Li2SO4 + MgSO4 + H2O at 323.15 K. *Journal of Chemical & Engineering Data*, **2011**, 56, 3585-3588	2.8	26
142	Selective recovery of lithium from geothermal water by EGDE cross-linked spherical CTS/LMO. *Chemical Engineering Journal*, **2020**, 389, 124410	14.7	25
141	Phase diagrams and thermodynamic modeling of solid-liquid equilibria in the system NaClKClSrCl2H2O and its application in industry. *Journal of Chemical Thermodynamics*, **2019**, 136, 1-7	2.9	23
140	Experimental and thermodynamic modeling study of solid-liquid equilibrium in ternary systems NaBrSrBr2H2O and KBrSrBr2H2O at 288.15 K and 0.1 MPa. *Journal of Molecular Liquids*, **2018**, 252, 362-367	6	22

139	Extracting Lithium from the High Concentration Ratio of Magnesium and Lithium Brine Using Imidazolium-Based Ionic Liquids with Varying Alkyl Chain Lengths. *Journal of Chemical Engineering of Japan*, **2016**, 49, 104-110	0.8	21
138	Phase Equilibria in the Ternary System (LiCl + Li2SO4 + H2O) at T = (288.15 and 308.15) K: Experimental Determination and Model Simulation. *Journal of Chemical & Engineering Data*, **2016**, 61, 1155-1161	2.8	20
137	Solid–liquid metastable phase equilibria for the ternary system (Li2SO4 + K2SO4 + H2O) at 288.15 and 323.15 K, p = 0.1 MPa. *Fluid Phase Equilibria*, **2015**, 402, 78-82	2.5	18
136	Phase Equilibria in the Aqueous Ternary System (LiBO2 + CaB2O4 + H2O) at 288.15 and 298.15 K. *Journal of Solution Chemistry*, **2015**, 44, 1545-1554	1.8	18
135	Seasonal variations of arsenic at the sediment–water interface of Poyang Lake, China. *Applied Geochemistry*, **2014**, 47, 170-176	3.5	18
134	Measurement and thermodynamic model study on solid + liquid equilibria and physicochemical properties of the ternary system MgBr2 + MgSO4 + H2O at 323.15 K. *Fluid Phase Equilibria*, **2013**, 342, 88-94	2.5	18
133	Thermodynamic Phase Equilibria of the Aqueous Ternary System (LiCl+LiBO2+H2O) at 308 K: Experimental Data and Predictions Using the Pitzer Model. *Journal of Chemical Engineering of Japan* , **2016**, 49, 324-331	0.8	18
132	Basic Salt-Lake Brine: An Efficient Catalyst for the Transformation of CO into Quinazoline-2,4(1 H,3 H)-diones. *ChemSusChem*, **2018**, 11, 4219-4225	8.3	17
131	Solubilities, Densities, and Refractive Indices in the Ternary Systems (LiBO2 + NaBO2 + H2O) and (LiBO2 + KBO2 + H2O) at 298.15 K and 0.1 MPa. *Journal of Chemical & Engineering Data*, **2019**, 64, 3122-3127	2.8	16
130	Green recovery of lithium from geothermal water based on a novel lithium iron phosphate electrochemical technique. *Journal of Cleaner Production*, **2020**, 247, 119178	10.3	16
129	Phase equilibria in the ternary system (LiCl+Li2SO4+H2O) at T=308.15K and p=0.1MPa: Experimental data and predictions using the Pitzer model. *Fluid Phase Equilibria*, **2015**, 391, 85-89	2.5	15
128	Removal of iodine from the salt water used for caustic soda production by ion-exchange resin adsorption. *Desalination*, **2019**, 458, 76-83	10.3	15
127	Thermokinetics of lithium extraction with the novel extraction systems (tri-isobutyl phosphate + ionic liquid + kerosene). *Journal of Chemical Thermodynamics*, **2018**, 123, 79-85	2.9	14
126	Experimental Determination and Thermodynamic Model of Solid–Liquid Equilibria in the Ternary System (LiCl + SrCl2 + H2O) at 273.15 K and Its Application in Industry. *Journal of Solution Chemistry* , **2019**, 48, 528-545	1.8	13
125	Interference of Lithium in Measuring Magnesium by Complexometry: Discussions of the Mechanism. *Journal of Chemistry*, **2013**, 2013, 1-4	2.3	13
124	Experimental Data and Thermodynamic Model in the Salt–Water Ternary System (NaBO2 + Na2B4O7 + H2O) at T = 298.15 K and p = 0.1 MPa. *Journal of Chemical & Engineering Data*, **2019** , 64, 5878-5885	2.8	13
123	Volumetric properties of aqueous solution of lithium tetraborate from 283.15 to 363.15 K at 101.325 kPa. *Journal of Chemical Thermodynamics*, **2018**, 120, 151-156	2.9	12
122	Stable Phase Equilibrium of the Aqueous Quaternary System (MgCl2 + MgSO4 + MgB6O10 + H2O) at 323.15 K. *Journal of Chemical & Engineering Data*, **2011**, 56, 5060-5065	2.8	12

121	Solubilities, Densities and Refractive Indices in the Aqueous Quaternary System of Lithium Sulfate, Lithium Metaborate, and Lithium Carbonate at 288.15, 298.15, 308.15 K and 0.1 MPa. *Journal of Chemical & Engineering Data*, **2017**, 62, 508-515	2.8	11
120	Apparent Molar Volumes of Aqueous Solutions of Lithium Pentaborate from 283.15 to 363.15 K and 101.325 kPa: An Experimental and Theoretical Study. *Journal of Chemical & Engineering Data*, **2019**, 64, 944-951	2.8	11
119	Chemical engineering process simulation of brines using phase diagram and Pitzer model of the system CaCl2SrCl2H2O. *Fluid Phase Equilibria*, **2019**, 484, 232-238	2.5	11
118	Apparent molar volumes for Cs2B4O7 aqueous solution at temperatures from (283.15 to 363.15) K and 101 kPa. *Journal of Chemical Thermodynamics*, **2020**, 140, 105895	2.9	11
117	Solid□liquid Phase Equilibria of Ternary Systems LiCl□iBr□H2O and CaCl2□aBr2□H2O at 288.15 K. *Journal of Chemical & Engineering Data*, **2017**, 62, 833-838	2.8	10
116	Synthesis and thermal energy storage properties of a calcium-based room temperature phase change material for energy storage. *Journal of Thermal Analysis and Calorimetry*, **2019**, 135, 3215-3221	4.1	9
115	Solid□liquid Metastable Phase Equilibria in the Five-Component System (Li + Na + K + Cl + SO4 + H2O) at 308.15 K. *Journal of Chemical & Engineering Data*, **2014**, 59, 1685-1691	2.8	9
114	Thermodynamic phase equilibria in the aqueous ternary system NaCl□NaBO2□H2O: Experimental data and solubility calculation using the Pitzer model. *Journal of Chemical Thermodynamics*, **2020**, 142, 106021	2.9	9
113	The speciation analysis of iodate and iodide in high salt brine by high performance liquid chromatography and inductively coupled plasma mass spectrometry. *Journal of Analytical Atomic Spectrometry*, **2019**, 34, 1374-1379	3.7	8
112	Phase Equilibria and Phase Diagrams for the Aqueous Ternary System Containing Sodium, Sulfate, and Metaborate Ions at 288.15 and 308.15 K and 101.325 kPa. *Journal of Chemical & Engineering Data*, **2019**, 64, 2809-2815	2.8	8
111	Experimental and thermodynamic modeling study of the solid-liquid equilibrium in the ternary system (NaCl + NaClO 3 + H 2 O) at 293.15 and 333.15 K and 0.1 MPa. *Journal of Chemical Thermodynamics*, **2018**, 126, 99-104	2.9	8
110	Solubility determination and thermodynamic modeling of solid□quid equilibria in the LiBO2□i2B4O7□H2O system at 298.15 K and 323.15 K. *Fluid Phase Equilibria*, **2020**, 523, 112783	2.5	8
109	Titanium-based ion sieve with enhanced post-separation ability for high performance lithium recovery from geothermal water. *Chemical Engineering Journal*, **2021**, 410, 128320	14.7	8
108	Phase Equilibria and Phase Diagrams for the Aqueous Ternary System Containing Sodium, Chloride, and Metaborate Ions at 288.15 and 308.15 K and 0.1 MPa. *Journal of Chemistry*, **2019**, 2019, 1-6	2.3	8
107	Arsenic Species Analysis at Trace Level by High Performance Liquid Chromatography with Inductively Coupled Plasma Mass Spectrometry. *International Journal of Analytical Chemistry*, **2019**, 2019, 3280840	1.4	7
106	Porous composite CMC□CuFC□EG spheres for efficient cesium removal from wastewater. *New Journal of Chemistry*, **2019**, 43, 9658-9665	3.6	7
105	Arsenic species analysis in freshwater using liquid chromatography combined to hydride generation atomic fluorescence spectrometry. *Journal of Analytical Chemistry*, **2014**, 69, 83-88	1.1	7
104	Thermodynamic and Dynamic Modeling of the Boron Species in Aqueous Potassium Borate Solution. *ACS Omega*, **2020**, 5, 15835-15842	3.9	7

103	Enhanced kinetics and super selectivity toward Cs in multicomponent aqueous solutions: A robust Prussian blue analogue/polyvinyl chloride composite membrane. *Environmental Research*, **2020**, 189, 109952	7.9	7
102	Solubility measurement and thermodynamic modeling of solid–liquid equilibria in quaternary system NaCl–Na2SO4–NaBO2–H2O at 323.15 K. *Journal of Chemical Thermodynamics*, **2021**, 159, 106472	2.9	7
101	Solubility Measurement and Thermodynamic Modeling of Solid–Liquid Equilibria in the MCl–M2B4O7–H2O (M = Li, Na) Systems. *Journal of Chemical & Engineering Data*, **2019**, 64, 4510-4517	2.8	6
100	Solid–Liquid Phase Equilibria of the Aqueous Ternary System (MgSO4 + Mg2B6O11 + H2O) at (288.15, 298.15, and 308.15) K. *Journal of Chemical & Engineering Data*, **2017**, 62, 3334-3340	2.8	6
99	Volumetric properties of the binary system (NaClO3 + H2O) and the ternary system (NaClO3 + NaCl + H2O) at temperatures from 283.15 to 363.15 K and ambient pressure. *Journal of Molecular Liquids*, **2020**, 306, 112945	6	6
98	Separation of magnesium from high Mg/Li ratio brine by extraction with an organic system containing ionic liquid. *Chemical Engineering Science*, **2021**, 229, 116019	4.4	6
97	Prussian blue analogs-based layered double hydroxides for highly efficient Cs removal from wastewater. *Journal of Hazardous Materials*, **2021**, 410, 124608	12.8	6
96	Phase Equilibria in the Aqueous Ternary Systems (NaCl + NaBO2 + H2O) and (Na2SO4 + NaBO2 + H2O) at 298.15 K and 0.1 MPa. *Journal of Chemical & Engineering Data*, **2018**,	2.8	6
95	Phase Equilibria of the Reciprocal Quaternary System (Na+, Ca2+//Cl–, Borate–H2O) at 288.15 K and 0.1 MPa. *Journal of Chemical & Engineering Data*, **2018**, 63, 4005-4011	2.8	6
94	Solid–Liquid Phase Equilibria in the Ternary Aqueous Systems (NaB5O8 + KB5O8 + H2O) and (LiB5O8 + KB5O8 + H2O) at 298.15 K and 101.325 kPa. *Journal of Solution Chemistry*, **2019**, 48, 1105-1118	1.8	5
93	Solubility measurement and thermodynamic modeling of solid-liquid equilibria in quaternary system NaCl–CaCl2–SrCl2–H2O at 323.15 K. *Journal of Chemical Thermodynamics*, **2019**, 136, 8-15	2.9	5
92	Heat Capacity and Thermodynamic Property of Cesium Tetraborate Pentahydrate. *Journal of Chemistry*, **2019**, 2019, 1-5	2.3	5
91	Predictions on the solubility and equiscale line of water content for the quaternary system (Li+Na+Cl+SO4+H2O) at 298.15 K. *Calphad: Computer Coupling of Phase Diagrams and Thermochemistry*, **2015**, 48, 13-17	1.9	5
90	Isopiestic investigation and phase equilibrium of the high-efficient absorption refrigerants LiBr and SrBr2 at 288.15 K. *Journal of Molecular Liquids*, **2020**, 304, 112741	6	5
89	Dilution enthalpies of LiBO2 and LiB5O8 aqueous solutions at 298.15 K and the application of ion-interaction model. *Thermochimica Acta*, **2020**, 685, 178506	2.9	5
88	Solid–Liquid Phase Equilibria in the Ternary Systems (LiBO2 + NaBO2 + H2O) and (LiBO2 + KBO2 + H2O) at 288.15 K and 0.1 MPa. *Journal of Solution Chemistry*, **2020**, 49, 353-364	1.8	5
87	Solid–Liquid Phase Equilibria of the Aqueous Ternary System (CaCl2+CaB6O10+H2O) at 308.15, 323.15 K and 0.1 MPa. *Journal of Chemical Engineering of Japan*, **2017**, 50, 231-235	0.8	5
86	Phase Equilibria and Phase Diagrams for the Ternary Systems (KCl/K2SO4 + KB5O8 + H2O) at 298.15 K and 101.325 kPa. *Journal of Solution Chemistry*, **2019**, 48, 1135-1146	1.8	5

85	Synthesis of porous fiber-supported lithium ion-sieve adsorbent for lithium recovery from geothermal water. *Chemical Engineering Journal*, **2022**, 430, 131423	14.7	5
84	Thermodynamic modeling of boron species in brine systems containing metaborate and its application in evaporation simulation. *Journal of Materials Research and Technology*, **2020**, 9, 13067-13075	5.5	5
83	Experimental Determination and Thermodynamic Modeling of Solid–Liquid Equilibria in the Quaternary System NaCl–KCl–SrCl2–H2O at 288.15 K. *Journal of Chemical & Engineering Data*, **2018**,	2.8	5
82	Apparent Molar Volumes of Aqueous Solutions of Magnesium Tetraborate from 283.15 to 363.15 K and 0.1 MPa. *Journal of Solution Chemistry*, **2018**, 47, 827-837	1.8	5
81	Heat Capacity and Thermodynamic Property of Lithium Pentaborate Pentahydrate. *Journal of Chemistry*, **2018**, 2018, 1-4	2.3	5
80	Synthesis of granulated H4Mn5O12/chitosan with improved stability by a novel cross-linking strategy for lithium adsorption from aqueous solutions. *Chemical Engineering Journal*, **2021**, 426, 131689	14.7	5
79	Solid–Liquid Phase Equilibria of the Ternary System (CsCl+Cs2SO4+H2O) at (288.15 and 308.15) K and 0.1 MPa. *Journal of Chemical Engineering of Japan*, **2019**, 52, 471-477	0.8	4
78	Solid–Liquid Phase Equilibria of the Quinary System Containing Lithium, Sodium, Calcium, Chloride, and Borate Ions at T = 288.15 K and p = 101.325 kPa. *Journal of Chemical & Engineering Data*, **2019**, 64, 3050-3057	2.8	4
77	Solid–Liquid Phase Equilibria of the Quaternary System (Li2B4O7 + Na2B4O7 + K2B4O7 + H2O) at 323.15 K and Its Application in Industry. *Journal of Chemical & Engineering Data*, **2020**, 65, 2725-2730	2.8	4
76	Solubilities, Densities and Refractive Indices for the Two Ternary Systems (Li2SO4 + LiB5O8 + H2O) and (LiCl + LiB5O8 + H2O) at 298.15 K and 101.325 kPa. *Journal of Solution Chemistry*, **2020**, 49, 1430-1441	1.8	4
75	Solubilities, densities and refractive indices of the reciprocal quaternary systems (Na+, K+//Cl−, B5O8− H2O) and (Li+, K+//Cl−, B5O8− H2O) at 298.15 K and atmospheric pressure. *Fluid Phase Equilibria*, **2020**, 516, 112594	2.5	4
74	Experimental and Thermodynamic Model Study on Solid and Liquid Equilibrium of Ternary System MgBr2–MgSO4–H2O at 333.15 K. *Journal of Chemical & Engineering Data*, **2016**, 61, 2624-2628	2.8	4
73	Efficient transformation of CO2 into quinazoline-2,4(1H,3H)-diones at room temperature catalyzed by a ZnI2/NEt3 system. *New Journal of Chemistry*, **2019**, 43, 16164-16168	3.6	4
72	Experimental Determination and Thermodynamic Model of Solid–Liquid Equilibria in the Ternary System (LiCl + CaCl2 + H2O) at 273.15 K. *Journal of Chemical & Engineering Data*, **2019**, 64, 249-254	2.8	4
71	Phase equilibria and thermodynamic model of the quinary system (Li+, Na+, Mg2+//Cl−, SO42−–H2O) at 273.15 K and 0.1 MPa. *Journal of Molecular Liquids*, **2021**, 337, 116334	6	4
70	Solvent Extraction Process and Extraction Mechanism for Lithium Recovery from High Mg/Li-Ratio Brine. *Journal of Chemical Engineering of Japan*, **2019**, 52, 508-513	0.8	3
69	Solubilities, Densities, Refractive Indices, and pH Values of the Aqueous Ternary Systems (LiCl + LiB5O8 + H2O) and (Li2SO4 + LiB5O8 + H2O) at 288.15 K and 101 kPa. *Journal of Chemical & Engineering Data*, **2019**, 64, 3300-3306	2.8	3
68	Solid and liquid metastable phase equilibria in the aqueous quaternary system Li+, Mg2+//SO4 2− borate-H2O at 273.15 K. *Chemical Research in Chinese Universities*, **2017**, 33, 655-659	2.2	3

67	Solvent extraction of tellurium from chloride solutions using tri-n-butyl phosphate: conditions and thermodynamic data. *Scientific World Journal, The*, **2014**, 2014, 458705	2.2	3
66	Caloric evaporation of the brine in Zangnan Salt Lake. *Frontiers of Chemical Science and Engineering*, **2011**, 5, 343-348	4.5	3
65	Novel montmorillonite-sulfur composite for enhancement of selective adsorption toward cesium. *Green Energy and Environment*, **2020**, 6, 893-893	5.7	3
64	Solid-Liquid Phase Equilibria of the Ternary System (CsNO3 + NH4NO3 + H2O) at (298.15 and 348.15) K and 101.325 kPa. *Journal of Solution Chemistry*, **2020**, 49, 1373-1381	1.8	3
63	Selective recovery of strontium from oilfield water by ion-imprinted alginate microspheres modified with thioglycollic acid. *Chemical Engineering Journal*, **2021**, 410, 128267	14.7	3
62	Solubility determination and thermodynamic modelling of solid-liquid equilibria in the (NaCl + NaBO2 + Na2B4O7 + H2O) system at 298.15 K. *Journal of Chemical Thermodynamics*, **2021**, 152, 106283	2.9	3
61	Antimony speciation at the sediment-water interface of the Poyang Lake: response to seasonal variation. *Journal of Oceanology and Limnology*, **2018**, 36, 1941-1949	1.5	3
60	Metastable Phase Equilibrium in the Reciprocal Quaternary System LiCl+MgCl2+Li2SO4+MgSO4+H2O at 348.15 K and 0.1 MPa. *Chemical Research in Chinese Universities*, **2018**, 34, 798-802	2.2	3
59	Phase Equilibrium and Solvation Effect of the Ternary Mixture Solvent System (LiCl + CH3OH + H2O) at 298.15, 308.15 and 318.15 K. *Journal of Solution Chemistry*, **2019**, 48, 515-527	1.8	2
58	Facile Synthesis of Porous Polymer Using Biomass Polyphenol Source for Highly Efficient Separation of Cs from Aqueous Solution. *Scientific Reports*, **2020**, 10, 8221	4.9	2
57	Green recovery of low concentration of lithium from geothermal water by a novel FPO/KNiFC ion pump technique. *Electrochimica Acta*, **2020**, 350, 136385	6.7	2
56	Solid liquid Phase Equilibria of the Quaternary System (Li2SO4 + Na2SO4 + MgSO4 + H2O) at 288.15 K: Experimental and Model Simulation. *Journal of Chemical & Engineering Data*, **2020**, 65, 2597-2602	2.8	2
55	Robust and recyclable sodium carboxymethyl cellulose-ammonium phosphomolybdate composites for cesium removal from wastewater.. *RSC Advances*, **2020**, 10, 6139-6145	3.7	2
54	Solid liquid Phase Equilibrium for the Reciprocal Quaternary System (Na+, Cs+//Cl SO42 H2O) at T = 298.15 K and 0.1 MPa. *Journal of Chemical & Engineering Data*, **2020**, 65, 1396-1401	2.8	2
53	Phase Equilibria and Phase Separation of the Aqueous Solution System Containing Lithium Ions **2017**,		2
52	Speciation analysis of arsenic in samples containing high concentrations of chloride by LC-HG-AFS. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 7251-7260	4.4	2
51	Simulation studies on metastable phase equilibria in the aqueous ternary systems (NaCl-MgCl2-H2O) and (KCl-MgCl2-H2O) at 308.15 K. *Frontiers of Chemical Engineering in China*, **2009**, 3, 172-175		2
50	Solubility determination and thermodynamic modeling in the quaternary system Li2SO4 LiBO2 Li2B4O7 H2O at T = 308.15 K and p = 0.1 MPa. *Journal of Chemical Thermodynamics*, **2022**, 168, 106729	2.9	2

49	Apparent molar volumes of sodium arsenate aqueous solution from 283.15 K to 363.15 K at ambient pressure: an experimental and thermodynamic modeling study. *Pure and Applied Chemistry* , **2020**, 92, 1673-1682	2.1	2
48	Solid-liquid phase equilibrium and phase diagram of the ternary system (NaNO3+CsNO3+H2O) and its application for cesium nitrate separation. *Journal of Chemical Thermodynamics*, **2022**, 165, 106650	2.9	2
47	Volumetric properties and the ion-interaction parameters of the binary system (CsB5O8 + H2O) at temperatures from (283.15 to 363.15) K and 101 kPa. *Journal of Chemical Thermodynamics*, **2020**, 144, 105976	2.9	2
46	Experimental and Thermodynamic Modeling Study of the Quaternary System Containing Lithium, Potassium, Magnesium, and Sulfate at 288.15 K. *Journal of Chemical & Engineering Data*, **2020**, 65, 49-55	2.8	2
45	Solubilities, Densities, and Refractive Indices of the Ternary System (NaBO2 + KBO2 + H2O) at T = (298.15 and 323.15) K and P = 0.1 MPa. *Journal of Chemical & Engineering Data*, **2020**, 65, 5184-5191	2.8	2
44	Solid–Liquid Phase Equilibria of the Ternary System (KBO2 + K2SO4 + H2O) at 288.15, 308.15 K, and 0.1 MPa. *Journal of Chemical & Engineering Data*, **2021**, 66, 1703-1708	2.8	2
43	Isopiestic measurements of thermodynamic properties for the aqueous system LiBr–CaBr2–H2O at 373.15 K. *Journal of Chemical Thermodynamics*, **2019**, 129, 83-91	2.9	2
42	Seasonal variations of phosphorus species in the Tuohe River, China. Part I. Sediments. *Journal of Oceanology and Limnology*, **2018**, 36, 1950-1961	1.5	2
41	Solid-Liquid Phase Equilibria of the Ternary System (NaCl + CH3OH + H2O) at 298.15, 308.15, 318.15 K, and 0.1 MPa. *Journal of Chemistry*, **2018**, 2018, 1-8	2.3	2
40	Solid–Liquid Phase Equilibria of the Quaternary system Li2SO4–LiBO2–Li2B4O7–H2O and the Ternary Subsystem LiBO2–Li2B4O7–H2O at T = 288.15 K and p = 0.1 MPa. *Journal of Chemical & Engineering Data*, **2021**, 66, 3463-3472	2.8	2
39	Novel layered iron antimony thiostannate adsorbent of K1.61Fe0.04Sb0.03Sn3.1S7 for cesium green recovery from geothermal water. *Journal of Cleaner Production*, **2022**, 347, 131332	10.3	2
38	Effect of Impurity Ions on Solubility and Metastable Zone Width of Lithium Metaborate Salts. *Crystals*, **2019**, 9, 182	2.3	1
37	Species and correlations between selenium and mercury in fishpond ecosystems. *Water Environment Research*, **2019**, 91, 292-299	2.8	1
36	Thermodynamic Modeling of Boron Species in the Ternary System Na2O-B2O3-H2O at 298.15 K. *Journal of Chemistry*, **2020**, 2020, 1-7	2.3	1
35	Heat Capacity and Thermodynamic Properties of Cesium Pentaborate Tetrahydrate. *Journal of Chemistry*, **2020**, 2020, 1-6	2.3	1
34	Heat Capacities and Thermodynamic Properties of Pinnoite and Inderite. *Journal of Chemistry*, **2020** , 2020, 1-8	2.3	1
33	Metastable phase equilibria for the ternary aqueous system of lithium sulfate and potassium sulfate at T = 308.15 K: Experimental data and prediction using Pitzer model. *Russian Journal of Inorganic Chemistry*, **2016**, 61, 1169-1174	1.5	1
32	Transportation and Transformation of Arsenic Species at the Intertidal Sediment-Water Interface of Bohai Bay, China. *Journal of Chemistry*, **2018**, 2018, 1-8	2.3	1

31	Phase Equilibria and Phase Diagrams for the Ternary Aqueous System Containing Lithium, Sodium, and Pentaborate Ions at 298.15 and 323.15 K and 101.325 kPa. *Journal of Chemistry*, **2019**, 2019, 1-7	2.3	1
30	Thermal characteristics of room temperature inorganic phase change system containing calcium chloride. *Chemical Research in Chinese Universities*, **2015**, 31, 452-456	2.2	1
29	Volumetric Properties and Ion Interactions for Sodium Hypophosphite Aqueous Solution from 283.15 to 363.15 K at 101.325 kPa. *Russian Journal of Inorganic Chemistry*, **2020**, 65, 1913-1921	1.5	1
28	Solid-Liquid Phase Diagram of the Binary System Octadecanoic Acid and Octadecanol and the Thermal Chemical Property of the Composition at Eutectic Point. *Journal of Chemistry*, **2020**, 2020, 1-6	2.3	1
27	Dissolution enthalpies and the thermodynamic properties of sodium metaborates. *Journal of Molecular Liquids*, **2020**, 315, 113813	6	1
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