Yafei Guo

List of Publications by Year in Descending Order

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

#	Paper	IF	Citations
156	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
155	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
154	Synthesis of porous fiber-supported lithium ion-sieve adsorbent for lithium recovery from geothermal water. *Chemical Engineering Journal*, **2022**, 430, 131423	14.7	5
153	Mean Activity Coefficients of NaNO3 and the Mixing Ion-Interaction Parameters in the Ternary System (NaNO3 + CsNO3 + H2O) at 298.15 K by EMF Method. *Journal of Chemistry*, **2022**, 2022, 1-8	2.3	0
152	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
151	Experimental determination and thermodynamic modeling of solid liquid equilibria in the system NaCl Na2SO4 H3BO3 H2O at 323.15 K and its application in industry. *Journal of Chemical Thermodynamics*, **2022**, 170, 106765	2.9	1
150	Volume properties of the ternary systems (LiCl + LiB5O8 + H2O) and (Li2SO4 + LiB5O8 + H2O) from 283.15 to 363.15 K and 101.325 kPa. *Journal of Chemical Thermodynamics*, **2022**, 172, 106814	2.9	1
149	Highly selective and easily regenerated porous fibrous composite of PSF-Na2.1Ni0.05Sn2.95S7 for the sustainable removal of cesium from wastewater. *Journal of Hazardous Materials*, **2022**, 436, 129188	12.8	1
148	Phase equilibria and phase diagrams for the aqueous ternary system containing potassium, chlorine and metaborate ions at 298.15 and 323.15 K and 101.325 kPa. *Journal of Chemical Thermodynamics*, **2021**, 106675	2.9	
147	Volumetric Properties for the Aqueous Solution of Yttrium Trichloride at Temperatures from 283.15 to 363.15 K and Ambient Pressure. *Journal of Chemistry*, **2021**, 2021, 1-11	2.3	
146	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
145	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
144	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
143	Solid-liquid phase equilibria of the quinary system containing sodium, potassium, lithium, chloride and pentaborate ions at 298.15 K and 101.325 kPa. *Journal of Chemical Thermodynamics*, **2021**, 157, 106397	2.9	
142	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
141	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
140	Prussian blue analogs-based layered double hydroxides for highly efficient Cs removal from wastewater. *Journal of Hazardous Materials*, **2021**, 410, 124608	12.8	6

139	Solid–liquid Phase Equilibria of the Reciprocal Quaternary System (Li + Na + Cl + BO2 + H2O) at 288.15 K and 0.1 MPa. *Journal of Chemical & Engineering Data*, **2021**, 66, 761-766	2.8	1
138	Thermodynamic properties and thermodynamic modelling for aqueous mixed system containing lithium metaborate and sodium metaborate. *Journal of Chemical Thermodynamics*, **2021**, 158, 106446	2.9	1
137	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
136	Volumetric properties of disodium dihydrogen pyrophosphate aqueous solution from 283.15 to 363.15 K at 101.325 kPa. *Food Chemistry*, **2021**, 352, 129410	8.5	
135	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
134	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
133	Phase diagrams for the ternary system (NH4NO3 + CsNO3 + H2O) at 298.15 and 348.15 K and its application to cesium nitrate recovery from the eluent aqueous solution of ammonium nitrate. *Journal of Molecular Liquids*, **2021**, 338, 117079	6	1
132	Novel One-Pot Solvothermal Synthesis of High-Performance Copper Hexacyanoferrate for Cs+ Removal from Wastewater. *Journal of Chemistry*, **2021**, 2021, 1-9	2.3	1
131	Volumetric properties of the ternary system (CsCl + Cs2SO4 + H2O) and its subsystems from 283.15 to 363.15 K and atmospheric pressure: Experimental and thermodynamic model. *Journal of Chemical Thermodynamics*, **2021**, 161, 106519	2.9	1
130	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
129	Ionic liquid [DBUH][BO2]: an excellent catalyst for chemical fixation of CO2 under mild conditions. *New Journal of Chemistry*, **2021**, 45, 4611-4616	3.6	1
128	Density, pH, and Boron Species in the Ternary System NaBO2–Na2SO4–H2O at 298.15 K and 323.15 K. *Journal of Chemistry*, **2021**, 2021, 1-9	2.3	0
127	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
126	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
125	Apparent Molar Volumes for the Binary Systems (NaI + H2O) and (NaIO3 + H2O) at Temperatures from 283.15 to 353.15 K at Ambient Pressure. *Journal of Chemical & Engineering Data*, **2020**, 65, 3510-3518	2.8	
124	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
123	Heat Capacity and Thermodynamic Properties of Cesium Pentaborate Tetrahydrate. *Journal of Chemistry*, **2020**, 2020, 1-6	2.3	1
122	Isopiestic measurements and thermodynamic model for the ternary system {Li2B4O5(OH)4) + LiB5O6(OH)4 + H2O} and its subsystem at 288.15 K and ambient pressure. *Journal of Chemical Thermodynamics*, **2020**, 150, 106235	2.9	

121	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
120	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
119	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
118	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
117	Selective recovery of lithium from geothermal water by EGDE cross-linked spherical CTS/LMO. *Chemical Engineering Journal*, **2020**, 389, 124410	14.7	25
116	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
115	Robust and recyclable sodium carboxymethyl cellulose-ammonium phosphomolybdate composites for cesium removal from wastewater.. *RSC Advances*, **2020**, 10, 6139-6145	3.7	2
114	Volumetric Properties in the NaAsO2 + H2O System at Temperature from 283.15 to 363.15 K and Atmospheric Pressure. *Journal of Chemistry*, **2020**, 2020, 1-7	2.3	
113	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
112	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
111	Heat Capacities and Thermodynamic Properties of Pinnoite and Inderite. *Journal of Chemistry*, **2020**, 2020, 1-8	2.3	1
110	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
109	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
108	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
107	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
106	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
105	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
104	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

103	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
102	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
101	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
100	Novel montmorillonite-sulfur composite for enhancement of selective adsorption toward cesium. *Green Energy and Environment*, **2020**, 6, 893-893	5.7	3
99	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
98	Dissolution enthalpies and the thermodynamic properties of sodium metaborates. *Journal of Molecular Liquids*, **2020**, 315, 113813	6	1
97	Thermodynamic and Dynamic Modeling of the Boron Species in Aqueous Potassium Borate Solution. *ACS Omega*, **2020**, 5, 15835-15842	3.9	7
96	Thermodynamic properties for the aqueous solutions of cesium borates at 298.15 K and 101 kPa: Experimental and correlation by Pitzer ion-interaction model. *Journal of Molecular Liquids*, **2020**, 318, 114272	6	1
95	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
94	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
93	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
92	Experimental and Predictive Equilibrium Thermodynamics of the Aqueous Ternary System (LiCl + CaCl2 + H2O) at T = 288.15 K. *Journal of Chemical & Engineering Data*, **2020**, 65, 4369-4377	2.8	
91	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
90	Solid□quid phase equilibria of the quinary system containing lithium, sodium, calcium, strontium and chloride ions at 273.15□K and 101.325□kPa. *Journal of Chemical Thermodynamics*, **2020**, 147, 106121	2.9	
89	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
88	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
87	Solid□iquid 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
86	Solid□iquid 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

85	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
84	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
83	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
82	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
81	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
80	Porous composite CMC–KCuFC–PEG spheres for efficient cesium removal from wastewater. *New Journal of Chemistry*, **2019**, 43, 9658-9665	3.6	7
79	Effect of Impurity Ions on Solubility and Metastable Zone Width of Lithium Metaborate Salts. *Crystals*, **2019**, 9, 182	2.3	1
78	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
77	Phase diagrams and thermodynamic modeling of solid-liquid equilibria in the system NaCl–KCl–SrCl2–H2O and its application in industry. *Journal of Chemical Thermodynamics*, **2019**, 136, 1-7	2.9	23
76	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
75	Speciation Analysis of Trace Arsenic, Mercury, Selenium and Antimony in Environmental and Biological Samples Based on Hyphenated Techniques. *Molecules*, **2019**, 24,	4.8	28
74	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
73	Heat Capacity and Thermodynamic Property of Cesium Tetraborate Pentahydrate. *Journal of Chemistry*, **2019**, 2019, 1-5	2.3	5
72	Species and correlations between selenium and mercury in fishpond ecosystems. *Water Environment Research*, **2019**, 91, 292-299	2.8	1
71	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
70	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
69	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
68	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

67	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
66	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
65	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
64	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
63	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
62	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
61	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
60	Heat Capacities and Thermodynamic Properties of Hungchaoite and Mcallisterite. *Molecules*, **2019**, 24,	4.8	1
59	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
58	Seasonal Variations of Phosphorus Species in the Overlying and Pore Waters of the Tuohe River, China. *Journal of Chemistry*, **2019**, 2019, 1-9	2.3	0
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	Experimental and thermodynamic modeling study of solid-liquid equilibrium in ternary systems NaBr□SrBr2□H2O and KBr□SrBr2□H2O at 288.15 K and 0.1 MPa. *Journal of Molecular Liquids*, **2018**, 252, 362-367	6	22

49	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
48	Solubility Calculation for the Brine System Na+,K+//Cl,Br-H2O Using Pitzer Thermodynamic Model. *Journal of Chemical Engineering of Japan*, **2018**, 51, 185-189	0.8	0
47	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
46	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
45	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
44	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
43	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
42	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
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	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
39	Recovery of Boron from Underground Brine by Continuous Centrifugal Extraction with 2-Ethyl-1,3-hexanediol (EHD) and Its Mechanism. *Journal of Chemistry*, **2018**, 2018, 1-8	2.3	1
38	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
37	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
36	Heat Capacity and Thermodynamic Property of Lithium Pentaborate Pentahydrate. *Journal of Chemistry*, **2018**, 2018, 1-4	2.3	5
35	Solid-Liquid Phase Equilibria of Ternary Systems LiCl-LiBr-H2O and CaCl2-CaBr2-H2O at 288.15 K. *Journal of Chemical & Engineering Data*, **2017**, 62, 833-838	2.8	10
34	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
33	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
32	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

31	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
30	Phase Equilibria and Phase Separation of the Aqueous Solution System Containing Lithium Ions **2017**,		2
29	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
28	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
27	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
26	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
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