

Xudong Yu

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58
papers

500
citations

14
h-index

18
g-index

62
ext. papers

569
ext. citations

2.3
avg, IF

3.9
L-index

#	Paper	IF	Citations
58	Stable Phase Equilibrium and Phase Diagram of the Quinary System Li+, K+, Rb+, Mg ²⁺ //Borate-H ₂ O at T = 348.15 K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1246-1253	2.8	31
57	Metastable Phase Equilibria in the Aqueous Ternary Systems KCl + MgCl ₂ + H ₂ O and KCl + RbCl + H ₂ O at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3384-3391	2.8	31
56	Metastable Phase Equilibrium in the Quaternary System LiCl + KCl + RbCl + H ₂ O at 348.15 K. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 2875-2880	2.8	23
55	Solid-liquid equilibria in the quinary system LiCl+KCl+RbCl+MgCl ₂ +H ₂ O at T = 323 K. <i>Fluid Phase Equilibria</i> , 2015 , 387, 88-94	2.5	22
54	Solid-liquid equilibrium in the aqueous system containing the chlorides of lithium, rubidium and magnesium at 323 K. <i>Fluid Phase Equilibria</i> , 2014 , 367, 63-68	2.5	22
53	Solubilities, Densities, and Refractive Indices of the Ternary Systems KCl + RbCl + H ₂ O and KCl + MgCl ₂ + H ₂ O at 348.15 K. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 3658-3663	2.8	18
52	Solid-liquid Isothermal Evaporation Metastable Phase Equilibria in the Aqueous Quaternary System LiCl + KCl + RbCl + H ₂ O at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 127-132	2.8	17
51	The Solubilities and Physicochemical Properties of the Aqueous Quaternary System Li+, K+, Rb+//Borate-H ₂ O at 348 K. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 110-115	2.8	16
50	Metastable phase equilibria for the quaternary system containing potassium, magnesium, rubidium and chloride at 323.15K. <i>Fluid Phase Equilibria</i> , 2013 , 349, 67-70	2.5	16
49	Solid-liquid Metastable Phase Equilibria in the Ternary Systems KCl + NH ₄ Cl + H ₂ O and NH ₄ Cl + MgCl ₂ + H ₂ O at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1759-1765	2.8	16
48	Metastable Phase Equilibrium in the Aqueous Quaternary System (Li ₂ SO ₄ + Na ₂ SO ₄ + Li ₂ B ₄ O ₇ + Na ₂ B ₄ O ₇ + H ₂ O) at 273.15 K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2569-2573	2.8	16
47	Phase equilibria of CsCl-polyethylene glycol (PEG)-H ₂ O at 298.15 K: Effect of different polymer molar masses (PEG1000/4000/6000). <i>Journal of Chemical Thermodynamics</i> , 2019 , 135, 45-54	2.9	15
46	Phase Equilibria for the Aqueous Reciprocal Quaternary System Rb+, Mg ²⁺ //Cl-Borate-H ₂ O at 348 K. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 2235-2241	2.8	15
45	Salt-Water Phase Equilibria in Ternary Systems K+(Mg ²⁺), NH ₄ +//Cl-H ₂ O at T = 273 K. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 1427-1432	2.8	14
44	Stable Phase Equilibrium of Aqueous Quaternary System Li+, K+, Mg ²⁺ //Borate-H ₂ O at 348 K. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 4173-4178	2.8	14
43	Study on the Solubility of the Aqueous Quaternary System Li ₂ SO ₄ + Na ₂ SO ₄ + K ₂ SO ₄ + H ₂ O at 273.15 K. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 3672-3676	2.8	14
42	Solid-liquid Equilibrium on the Reciprocal Aqueous Quaternary System Li+, Mg ²⁺ //Cl and Borate-H ₂ O at 323 K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 3311-3316	2.8	13

41	Thermodynamics Phase Equilibria of the Aqueous Ternary Systems LiCl + KCl (MgCl ₂) + H ₂ O at 348 K. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 574-579	2.8	12
40	Thermodynamics Phase Equilibria for the System Containing Lithium, Sodium, Chloride, and Carbonate in Aqueous Solution at 273.15 K. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 2799-2804	2.8	10
39	Solubility of the Aqueous Reciprocal Quaternary System Li ⁺ , Na ⁺ //CO ₃ ²⁻ SO ₄ ²⁻ H ₂ O at 273.15 K. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 455-459	2.8	9
38	Phase Equilibria for the Aqueous Reciprocal Quaternary System K ⁺ , Mg ²⁺ //Cl ⁻ Borate-H ₂ O at 298 K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1566-1572	2.8	9
37	Solid-Liquid Equilibrium of Quinary Aqueous Solution Composed of Lithium, Potassium, Rubidium, Magnesium, and Borate at 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 5681-5687	2.8	9
36	Measurements and Simulation of the Polyethylene glycol 1000-Water-Cl Ternary System at 288.2, 298.2, and 308.2 K. <i>Journal of Chemical Engineering of Japan</i> , 2019 , 52, 325-332	0.8	9
35	The Stable Phase Equilibria of the Ternary Systems Na ₂ SO ₄ + Rb ₂ SO ₄ (Cs ₂ SO ₄) + H ₂ O at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 529-535	2.8	8
34	Stable Phase Diagram of Quaternary Water-Balt System Li ⁺ , Na ⁺ , Cs ⁺ //SO ₄ ²⁻ H ₂ O at T = 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 1222-1227	2.8	7
33	Stable Phase Equilibrium in the Aqueous Quaternary System Rb ⁺ , Mg ²⁺ //Cl ⁻ borate-H ₂ O at 323 K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 2419-2425	2.8	7
32	Phase Equilibrium for the Aqueous Ternary Systems NH ₄ ⁺ , Sr ²⁺ (Ca ²⁺)//Cl ⁻ H ₂ O at T=298 K. <i>Journal of Chemical Engineering of Japan</i> , 2018 , 51, 551-555	0.8	7
31	Solid-Liquid Equilibrium of the Quaternary System Lithium, Potassium, Rubidium, and Borate at T = 323 K. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 3125-3129	2.8	7
30	Measurements and Calculations of Stable Phase Equilibria in Ternary Systems MgSO ₄ (Rb ₂ SO ₄) + Cs ₂ SO ₄ + H ₂ O at T = 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 3418-3426	2.8	7
29	The phase diagram and physicochemical properties of the quaternary system Li ⁺ , Rb ⁺ , Mg ²⁺ //borate-H ₂ O at 348 K. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 1572-1577	0.7	7
28	Phase diagrams and physicochemical properties of Li ⁺ ,K ⁺ (Rb ⁺)//borate-H ₂ O systems at 323 K. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 2149-2156	0.7	6
27	Stable Phase Equilibrium of Aqueous Quaternary System Li ⁺ , Rb ⁺ , Mg ²⁺ //Borate-H ₂ O at 298.2 K. <i>Journal of Chemical Engineering of Japan</i> , 2017 , 50, 470-475	0.8	6
26	Metastable equilibrium for the quaternary system containing with lithium+potassium+magnesium+chloride in aqueous solution at 323K. <i>Korean Journal of Chemical Engineering</i> , 2014 , 31, 1065-1069	2.8	6
25	The Phase and Physicochemical Properties Diagrams of Systems Rb ⁺ (Mg ²⁺)//Cl ⁻ and Borate-H ₂ O at 323 K. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 211-217	0.7	5
24	Solid-Liquid and Liquid-Liquid Equilibria for the System Composed of Cesium Chloride, Polyethylene Glycol (PEG1000/4000/6000) and Water at 288.15 and 308.15 K. <i>Journal of Solution Chemistry</i> , 2020 , 49, 1382-1401	1.8	5

23	Measurement and Correlation of Phase Equilibria of Ammonium, Calcium, Aluminum, and Chloride in Aqueous Solution at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 3514-3520	2.8	5
22	Solid-Liquid Equilibria and Pitzer Model Simulation of the SrCl ₂ -NH ₄ Cl-MgCl ₂ -H ₂ O Quaternary System at T = 298 K. <i>Journal of Chemical & Engineering Data</i> , 2018 ,	2.8	5
21	Solid-Liquid Equilibrium in the Aqueous System Containing the Borates of Potassium, Rubidium, and Magnesium at 348 K. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 3224-3228	2.8	4
20	Polyacrylonitrile/Crown Ether Composite Nanofibres With High Efficiency for Adsorbing Li(I): Experiments and Theoretical Calculations. <i>Frontiers in Energy Research</i> , 2021 , 9,	3.8	4
19	Stable Phase Equilibrium of the Quaternary System Li ₂ SO ₄ + Cs ₂ SO ₄ + MgSO ₄ + H ₂ O at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 2774-2779	2.8	3
18	Solid-liquid phase equilibrium determination and correlation of ternary systems NH ₄ Cl+AlCl ₃ +H ₂ O, MgCl ₂ +AlCl ₃ +H ₂ O and SrCl ₂ +AlCl ₃ +H ₂ O at 298K. <i>Fluid Phase Equilibria</i> , 2020 , 507, 112426	2.5	3
17	Stable Phase Diagram of the Quaternary Water-Balt System K ⁺ , Rb ⁺ , Cs ⁺ //SO ₄ ²⁻ -H ₂ O at T = 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 4751-4761	2.8	3
16	Solid-Liquid Equilibrium in Ternary System RbCl + Polyethylene Glycol PEG1000 + H ₂ O at 288.15, 298.15, and 308.15 K. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 2586-2592	0.7	3
15	Metastable Phase Equilibrium of the Quaternary System Na ⁺ , Rb ⁺ , Mg ²⁺ //Cl ⁻ -H ₂ O at 298.2 K. <i>Chemical Research in Chinese Universities</i> , 2018 , 34, 823-827	2.2	3
14	Isothermal evaporation of quaternary system Li ⁺ , K ⁺ , Mg ²⁺ //Cl ⁻ -H ₂ O at 348 K. <i>Chemical Research in Chinese Universities</i> , 2014 , 30, 676-680	2.2	2
13	Solid-Liquid Equilibria of KCl in Polyethylene Glycol 6000-H ₂ O Mixed Solvent at 288.2, 298.2, and 308.2 K: Experiment and Correlation. <i>Journal of Chemical Engineering of Japan</i> , 2020 , 53, 229-236	0.8	2
12	Stable Phase Diagram of the Quaternary Water-Balt System Li ⁺ , Na ⁺ , Mg ²⁺ //SO ₄ ²⁻ -H ₂ O at T = 323 K. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 133-139	2.8	2
11	Phase equilibria measurements and correlation of aqueous solvent of PEG4000 with rubidium chloride at (288.15, 298.15, and 308.15) K. <i>Journal of Chemical Thermodynamics</i> , 2020 , 149, 106151	2.9	2
10	Solid-Liquid Phase Equilibrium in Aqueous Quaternary System Li ⁺ ,Rb ⁺ ,Mg ²⁺ //Borate-H ₂ O at T = 323 K. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 2197-2202	0.7	2
9	Stable Phase Diagram of the Quaternary Water-Balt System Li ⁺ , Na ⁺ , Rb ⁺ //SO ₄ ²⁻ -H ₂ O at 298.2 and 323.2 K (P = 94.5 kPa). <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 1730-1740	2.8	2
8	Solid-liquid equilibria and thermodynamic correlation for the ternary system (KCl + PEG10000/20000 + H ₂ O) at 288.2 K and 298.2 K. <i>Journal of Chemical Thermodynamics</i> , 2020 , 150, 106221-29	2.9	1
7	Phase Equilibria for the Reciprocal Aqueous Quaternary System Li ⁺ , Rb ⁺ //Cl ⁻ -Borate-H ₂ O at 323.2 K. <i>Journal of Solution Chemistry</i> , 2020 , 49, 1349-1359	1.8	1
6	The effect of temperature on phase equilibria of polyethylene glycol (PEG8000)-K ₂ SO ₄ -H ₂ O at T = (288.15, 298.15, 308.15) K. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 3079-3085	3.2	1

- 5 Phase Equilibria on the Reciprocal Quaternary System K^+ , Rb^+ // Cl^- and Borate H_2O at $T = 323.2$ K and $p = 94.77$ kPa. *Journal of Chemical & Engineering Data*, **2021**, 66, 3576-3581 2.8 1
- 4 Stable-Phase Diagram of the Quaternary Water-Salt System K^+ , Rb^+ , Cs^+ // SO_4^{2-} H_2O at $T = 323.2$ K. *Journal of Chemical & Engineering Data*, **2022**, 67, 491-499 2.8 0
- 3 Correction to Solid-Liquid Equilibrium of Quinary Aqueous Solution Composed of Lithium, Potassium, Rubidium, Magnesium, and Borate at 323.15 K *Journal of Chemical & Engineering Data*, **2020**, 65, 936-936 2.8
- 2 Phase Equilibria of the Ternary Systems Potassium Sulfate + Polyethylene Glycol (PEG6000/10,000) + Water at 288.2, 298.2 and 308.2 K: Experimental Determination and Correlation. *Journal of Solution Chemistry*, **2020**, 49, 1154-1169 1.8
- 1 Measurements and Thermodynamic Modeling of Solid-Liquid Equilibria Data for the Ternary ($KCl + PEG8000 + H_2O$) System at 288.2, 298.2, and 308.2 K. *Journal of Solution Chemistry*, **2021**, 50, 792-807 1.8