Ying Zeng

List of Publications by Year in Descending Order

47 papers	419 citations	12 h-index	16 g-index
53 ext. papers	504 ext. citations	3.2 avg, IF	3.78 L-index

#	Paper	IF	Citations
47	Stable-Phase Diagram of the Quaternary Water–Salt System K+, Rb+, Cs+//SO42−–H2O at T = 323.2 K. *Journal of Chemical & Engineering Data*, **2022**, 67, 491-499	2.8	0
46	Long-cycling lithium-oxygen batteries enabled by tailoring Li nucleation and deposition via lithiophilic oxygen vacancy in Vo-TiO2/Ti3C2Tx composite anodes. *Journal of Energy Chemistry*, **2022**, 65, 654-665	12	20
45	Metastable Equilibria of the Quinary System NaCl + Na2CO3 + Na2B4O7 + KCl + K2CO3 + K2B4O7 + H2O at 273.15 K. *Journal of Chemical & Engineering Data*, **2021**, 66, 1110-1118	2.8	0
44	Phase Equilibria on the Reciprocal Quaternary System K+, Rb+ // Cl−, and Borate–H2O at T = 323.2 K and p = 94.77 kPa. *Journal of Chemical & Engineering Data*, **2021**, 66, 3576-3581	2.8	1
43	Chiral molecular imprinted sensor for highly selective determination of D-carnitine in enantiomers via dsDNA-assisted conformation immobilization. *Analytica Chimica Acta*, **2020**, 1136, 82-90	6.6	5
42	Comparative study on two imidazolium-based ionic liquid surfactants as corrosion inhibitors for N80 steel in 15% hydrochloric acid solution. *Materials and Corrosion - Werkstoffe Und Korrosion*, **2020**, 71, 1913-1926	1.6	11
41	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. *Journal of Solution Chemistry*, **2020**, 49, 1382-1401	1.8	5
40	Stable Phase Diagram of the Quaternary Water–Salt System Li+, Na+, Mg2+//SO42−–H2O at T = 323 K. *Journal of Chemical & Engineering Data*, **2020**, 65, 133-139	2.8	2
39	Phase Equilibria for the Reciprocal Aqueous Quaternary System Li+, Rb+//Cl−,Borate–H2O at 323.2 K. *Journal of Solution Chemistry*, **2020**, 49, 1349-1359	1.8	1
38	Stable Phase Diagram of the Quaternary Water–Salt System K+, Rb+, Cs+//SO42−–H2O at T = 298.2 K. *Journal of Chemical & Engineering Data*, **2020**, 65, 4751-4761	2.8	3
37	The Phase and Physicochemical Properties Diagrams of Systems Rb+(Mg2+)//Cl− and Borate–H2O at 323 K. *Russian Journal of Physical Chemistry A*, **2019**, 93, 211-217	0.7	5
36	Stable Phase Equilibrium of the Quaternary System Li2SO4 + Cs2SO4 + MgSO4 + H2O at 298.2 K. *Journal of Chemical & Engineering Data*, **2019**, 64, 2774-2779	2.8	3
35	Stable Phase Diagram of Quaternary Water–Salt System Li+, Na+, Cs+//SO42−–H2O at T = 298.2 K. *Journal of Chemical & Engineering Data*, **2019**, 64, 1222-1227	2.8	7
34	Measurement and Correlation of Phase Equilibria of Ammonium, Calcium, Aluminum, and Chloride in Aqueous Solution at 298.15 K. *Journal of Chemical & Engineering Data*, **2019**, 64, 3514-3520	2.8	5
33	Solid–liquid Equilibrium in Ternary System RbCl + Polyethylene Glycol PEG1000 + H2O at 288.15, 298.15, and 308.15 K. *Russian Journal of Physical Chemistry A*, **2019**, 93, 2586-2592	0.7	3
32	Solid–liquid Equilibrium of Quinary Aqueous Solution Composed of Lithium, Potassium, Rubidium, Magnesium, and Borate at 323.15 K. *Journal of Chemical & Engineering Data*, **2019**, 64, 5681-5687	2.8	9
31	Solid–liquid Phase Equilibrium in Aqueous Quaternary System Li+,Rb+,Mg2+//Borate–H2O at T = 323 K. *Russian Journal of Physical Chemistry A*, **2019**, 93, 2197-2202	0.7	2

30	The Stable Phase Equilibria of the Ternary Systems Na2SO4 + Rb2SO4 (Cs2SO4) + H2O at 298.2 K. *Journal of Chemical & Engineering Data*, **2019**, 64, 529-535	2.8	8
29	Solid–liquid Equilibrium of the Quaternary System Lithium, Potassium, Rubidium, and Borate at T = 323 K. *Journal of Chemical & Engineering Data*, **2018**, 63, 3125-3129	2.8	7
28	Measurements and Calculations of Stable Phase Equilibria in Ternary Systems MgSO4(Rb2SO4) + Cs2SO4 + H2O at T = 298.2 K. *Journal of Chemical & Engineering Data*, **2018**, 63, 3418-3426	2.8	7
27	Metastable Phase Equilibrium of the Quaternary System Na+, Rb+, Mg2+//Cl−-H2O at 298.2 K. *Chemical Research in Chinese Universities*, **2018**, 34, 823-827	2.2	3
26	Bienzyme-based visual and spectrophotometric aptamer assay for quantitation of nanomolar levels of mercury(II). *Mikrochimica Acta*, **2017**, 184, 541-546	5.8	11
25	Phase diagrams and physicochemical properties of Li+,K+(Rb+)//borate-H2O systems at 323 K. *Russian Journal of Physical Chemistry A*, **2017**, 91, 2149-2156	0.7	6
24	A chemiluminescence resonance energy transfer system composed of cobalt(II), luminol, hydrogen peroxide and CdTe quantum dots for highly sensitive determination of hydroquinone. *Mikrochimica Acta*, **2016**, 183, 667-673	5.8	26
23	A salt-assisted graphene oxide aggregation method for the determination of dimethylamine and trimethylamine by ion chromatography with conductivity detection. *Analytical Methods*, **2016**, 8, 1828-1835	3.2	11
22	Thermodynamics Phase Equilibria of the Aqueous Ternary Systems LiCl + KCl (MgCl2) + H2O at 348 K. *Journal of Chemical & Engineering Data*, **2015**, 60, 574-579	2.8	12
21	Solid–liquid Equilibrium in the Aqueous System Containing the Borates of Potassium, Rubidium, and Magnesium at 348 K. *Journal of Chemical & Engineering Data*, **2015**, 60, 3224-3228	2.8	4
20	Molecularly imprinted magnetic nanoparticles for determination of the herbicide chlorotoluron by gate-controlled electro-catalytic oxidation of hydrazine. *Mikrochimica Acta*, **2015**, 182, 249-255	5.8	16
19	Highly Selective Molecularly Imprinted Polymer Sensor for Indium Detection Based on Recognition of In-Alizarin Complexes. *Electroanalysis*, **2015**, 27, 1758-1765	3	12
18	Design and implementation of running state monitoring system based on WSN. *Journal of Computational Methods in Sciences and Engineering*, **2015**, 15, 395-403	0.3	
17	The phase diagram and physicochemical properties of the quaternary system Li+, Rb+, Mg2+//borate-H2O at 348 K. *Russian Journal of Physical Chemistry A*, **2015**, 89, 1572-1577	0.7	7
16	Determination of Trace Gibberellin A3 by Magnetic Self-assembly Molecularly Imprinted Electrochemical Sensor. *Chinese Journal of Analytical Chemistry*, **2014**, 42, 1580-1585	1.6	8
15	Metastable Phase Equilibrium of the Quinary Aqueous System Li+ + K+ + Cl− + CO32− + B4O72− + H2O at 273.15 K. *Journal of Chemical & Engineering Data*, **2014**, 59, 903-911	2.8	14
14	Phase Equilibria for the Aqueous Reciprocal Quaternary System Rb+, Mg2+//Cl−,Borate-H2O at 348 K. *Journal of Chemical & Engineering Data*, **2014**, 59, 2235-2241	2.8	15
13	Isothermal evaporation of quaternary system Li+, K+, Mg2+//Cl−-H2O at 348 K. *Chemical Research in Chinese Universities*, **2014**, 30, 676-680	2.2	2

12	Metastable equilibrium for the quaternary system containing with lithium+potassium+magnesium+chloride in aqueous solution at 323K. *Korean Journal of Chemical Engineering*, **2014**, 31, 1065-1069	2.8	6
11	Stable Phase Equilibrium of Aqueous Quaternary System Li+, K+, Mg2+//Borate‖H2O at 348 K. *Journal of Chemical & Engineering Data*, **2014**, 59, 4173-4178	2.8	14
10	Metastable Phase Equilibrium in the Quaternary System LiCl + KCl + RbCl + H2O at 348.15 K. *Journal of Chemical & Engineering Data*, **2013**, 58, 2875-2880	2.8	23
9	Solubility of the Aqueous Reciprocal Quaternary System Li+, Na+//CO32−,SO42−‖H2O at 273.15 K. *Journal of Chemical & Engineering Data*, **2013**, 58, 455-459	2.8	9
8	Study on the Solubility of the Aqueous Quaternary System Li2SO4 + Na2SO4 + K2SO4 + H2O at 273.15 K. *Journal of Chemical & Engineering Data*, **2012**, 57, 3672-3676	2.8	14
7	Solid−Liquid Metastable Phase Equilibria in the Ternary Systems KCl + NH4Cl + H2O and NH4Cl + MgCl2+ H2O at 298.15 K. *Journal of Chemical & Engineering Data*, **2012**, 57, 1759-1765	2.8	16
6	Metastable Phase Equilibria in the Aqueous Ternary Systems KCl + MgCl2+ H2O and KCl + RbCl + H2O at 298.15 K. *Journal of Chemical & Engineering Data*, **2011**, 56, 3384-3391	2.8	31
5	Metastable Phase Equilibrium in the Aqueous Quaternary System LiCl + Li2SO4 + Li2B4O7 + H2O at 273 K. *Journal of Chemical & Engineering Data*, **2011**, 56, 53-57	2.8	13
4	Metastable Equilibrium of the Salt Lake Brine System Na+ + K+ + CO32− + SO42− + B4O72− + H2O at 273.15 K. *Journal of Chemical & Engineering Data*, **2010**, 55, 5834-5838	2.8	11
3	Phase Equilibria for the Aqueous System Containing Sodium, Potassium, Carbonate, and Sulfate Ions at 273.15 K. *Journal of Chemical & Engineering Data*, **2009**, 54, 1244-1248	2.8	12
2	Liquid−Solid Equilibrium for Quaternary System Na2SO4+ K2SO4+ Na2B4O7+ K2B4O7+ H2O at 288 K. *Journal of Chemical & Engineering Data*, **2005**, 50, 928-931	2.8	6
1	Modulating Sand‐time by ion-transport-enhancement toward dendrite-free lithium metal anode. *Nano Research*,1	10	6