

Ying Zeng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Surface-Preferred Crystal Plane Growth Enabled by Underpotential Deposited Monolayer toward Dendrite-Free Zinc Anode. ACS Nano, 2022, 16, 9150-9162.	7.3	68
2	Metastable Phase Equilibria in the Aqueous Ternary Systems $\text{KCl} + \text{MgCl}_2 + \text{H}_2\text{O}$ and $\text{KCl} + \text{RbCl} + \text{H}_2\text{O}$ at 298.15 K. Journal of Chemical & Engineering Data, 2011, 56, 3384-3391.	1.0	35
3	Long-cycling lithium-oxygen batteries enabled by tailoring Li nucleation and deposition via lithiophilic oxygen vacancy in $\text{Vo-TiO}_2/\text{Ti}_3\text{C}_2\text{T}$ composite anodes. Journal of Energy Chemistry, 2022, 65, 654-665.	7.1	34
4	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.	2.5	31
5	Metastable Phase Equilibrium in the Quaternary System $\text{LiCl} + \text{KCl} + \text{RbCl} + \text{H}_2\text{O}$ at 348.15 K. Journal of Chemical & Engineering Data, 2013, 58, 2875-2880.	1.0	25
6	Modulating Sandé™s time by ion-transport-enhancement toward dendrite-free lithium metal anode. Nano Research, 2022, 15, 3150-3160.	5.8	25
7	Solidé™Liquid Metastable Phase Equilibria in the Ternary Systems $\text{KCl} + \text{NH}_4\text{Cl} + \text{H}_2\text{O}$ and $\text{NH}_4\text{Cl} + \text{MgCl}_2 + \text{H}_2\text{O}$ at 298.15 K. Journal of Chemical & Engineering Data, 2012, 57, 1759-1765.	1.0	21
8	Molecularly imprinted magnetic nanoparticles for determination of the herbicide chlorotoluron by gate-controlled electro-catalytic oxidation of hydrazine. Mikrochimica Acta, 2015, 182, 249-255.	2.5	20
9	Comparative study on two imidazoliumé™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.	0.8	17
10	Study on the Solubility of the Aqueous Quaternary System $\text{Li}_2\text{SO}_4 + \text{Na}_2\text{SO}_4 + \text{K}_2\text{SO}_4 + \text{H}_2\text{O}$ at 273.15 K. Journal of Chemical & Engineering Data, 2012, 57, 3672-3676.	1.0	16
11	Metastable Phase Equilibrium of the Quinary Aqueous System $\text{Li} + \text{K} + \text{Cl} + \text{CO}_3^{2-} + \text{B}_4\text{O}_7^{2-} + \text{H}_2\text{O}$ at 273.15 K. Journal of Chemical & Engineering Data, 2014, 59, 903-911.	1.0	15
12	Phase Equilibria for the Aqueous Reciprocal Quaternary System $\text{Rb} + \text{Mg} + \text{Cl} + \text{Borate} + \text{H}_2\text{O}$ at 348 K. Journal of Chemical & Engineering Data, 2014, 59, 2235-2241.	1.0	15
13	Thermodynamics Phase Equilibria of the Aqueous Ternary Systems $\text{LiCl} + \text{KCl} (\text{MgCl}_2) + \text{H}_2\text{O}$ at 348 K. Journal of Chemical & Engineering Data, 2015, 60, 574-579.	1.0	15
14	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.	1.3	15
15	Stable Phase Equilibrium of Aqueous Quaternary System $\text{Li} + \text{K} + \text{Mg} + \text{Borate} + \text{H}_2\text{O}$ at 348 K. Journal of Chemical & Engineering Data, 2014, 59, 4173-4178.	1.0	14
16	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.	2.6	14
17	Metastable Phase Equilibrium in the Aqueous Quaternary System $\text{LiCl} + \text{Li}_2\text{SO}_4 + \text{Li}_2\text{B}_4\text{O}_7 + \text{H}_2\text{O}$ at 273 K. Journal of Chemical & Engineering Data, 2011, 56, 53-57.	1.0	13
18	Determination of Trace Gibberellin A3 by Magnetic Self-assembly Molecularly Imprinted Electrochemical Sensor. Chinese Journal of Analytical Chemistry, 2014, 42, 1580-1585.	0.9	13

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19	Highly Selective Molecularly Imprinted Polymer Sensor for Indium Detection Based on Recognition of In ³⁺ Alizarin Complexes. <i>Electroanalysis</i> , 2015, 27, 1758-1765.	1.5	13
20	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.	1.0	13
21	Phase Equilibria for the Aqueous System Containing Sodium, Potassium, Carbonate, and Sulfate Ions at 273.15 K. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 1244-1248.	1.0	12
22	Biozyme-based visual and spectrophotometric aptamer assay for quantitation of nanomolar levels of mercury(II). <i>Mikrochimica Acta</i> , 2017, 184, 541-546.	2.5	12
23	Metastable Equilibrium of the Salt Lake Brine System Na ⁺ + K ⁺ + CO ₃ ²⁻ + SO ₄ ²⁻ + B ₄ O ₇ ²⁻ + H ₂ O at 273.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 5834-5838.	1.0	11
24	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.	1.0	11
25	Measurements and Calculations of Stable Phase Equilibria in Ternary Systems MgSO ₄ (Rb ₂ SO ₄) + Cs ₂ SO ₄ + H ₂ O at <i>T</i> = 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3418-3426.	1.0	10
26	Stable Phase Diagram of Quaternary Water-Salt System Li ⁺ , Na ⁺ , Cs ⁺ //SO ₄ ²⁻ -H ₂ O at <i>T</i> = 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 1222-1227.	1.0	10
27	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.		9
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.	0.1	9
29	Solid-Liquid Equilibrium of the Quaternary System Lithium, Potassium, Rubidium, and Borate at <i>T</i> = 323 K. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3125-3129.	1.0	9
30	Liquid-Solid Equilibrium for Quaternary System Na ₂ SO ₄ + K ₂ SO ₄ + Na ₂ B ₄ O ₇ + K ₂ B ₄ O ₇ + H ₂ O at 288 K. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 928-931.	1.0	8
31	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.	0.1	7
32	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.	1.0	7
33	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.	1.0	7
34	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.	0.6	7
35	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.	1.2	6
36	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.	0.1	6

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37	Stable Phase Diagram of the Quaternary Water-Salt System K^+ , Rb^+ , Cs^+ // SO_4^{2-} - H_2O at $T = 298.2$ K. Journal of Chemical & Engineering Data, 2020, 65, 4751-4761.	1.0	6
38	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.	1.0	4
39	Metastable Phase Equilibrium of the Quaternary System Na^+ , Rb^+ , Mg^{2+} // Cl^- - H_2O at 298.2 K. Chemical Research in Chinese Universities, 2018, 34, 823-827.	1.3	4
40	Solid-Liquid Equilibrium in Ternary System $RbCl$ + Polyethylene Glycol PEG1000 + H_2O at 288.15, 298.15, and 308.15 K. Russian Journal of Physical Chemistry A, 2019, 93, 2586-2592.	0.1	4
41	Stable Phase Diagram of the Quaternary Water-Salt System Li^+ , Na^+ , Mg^{2+} // SO_4^{2-} - H_2O at $T = 323$ K. Journal of Chemical & Engineering Data, 2020, 65, 133-139.	1.0	4
42	Phase Equilibria for the Reciprocal Aqueous Quaternary System Li^+ , Rb^+ // Cl^- , Borate- H_2O at 323.2 K. Journal of Solution Chemistry, 2020, 49, 1349-1359.	0.6	4
43	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.	1.0	4
44	Isothermal evaporation of quaternary system Li^+ , K^+ , Mg^{2+} // Cl^- - H_2O at 348 K. Chemical Research in Chinese Universities, 2014, 30, 676-680.	1.3	3
45	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.	1.0	3
46	Solid-Liquid Phase Equilibrium in Aqueous Quaternary System Li^+ , Rb^+ , Mg^{2+} //Borate- H_2O at $T = 323$ K. Russian Journal of Physical Chemistry A, 2019, 93, 2197-2202.	0.1	2
47	Metastable Equilibria of the Quinary System $NaCl$ + Na_2CO_3 + $Na_2B_4O_7$ + KCl + K_2CO_3 + $K_2B_4O_7$ + H_2O at 273.15 K. Journal of Chemical & Engineering Data, 2021, 66, 1110-1118.	1.0	1
48	Design and implementation of running state monitoring system based on WSN. Journal of Computational Methods in Sciences and Engineering, 2015, 15, 395-403.	0.1	0