

Bao-zeng Ren

List of Publications by Year in descending order

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146
papers

2,566
citations

236833

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h-index

276775

41
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149
all docs

149
docs citations

149
times ranked

2105
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient conversion of wheat straw wastes into biohydrogen gas by cow dung compost. <i>Bioresource Technology</i> , 2006, 97, 500-505.	4.8	302
2	Copper-Mediated Direct Aryloxylation of Benzamides Assisted by an <i>N,O</i> -Bidentate Directing Group. <i>Organic Letters</i> , 2014, 16, 1104-1107.	2.4	99
3	Solubilities of d-xylose in water+(acetic acid or propionic acid) mixtures at atmospheric pressure and different temperatures. <i>Fluid Phase Equilibria</i> , 2012, 333, 13-17.	1.4	66
4	Self-assembly of CdS quantum dots with polyoxometalate encapsulated gold nanoparticles: enhanced photocatalytic activities. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1488-1494.	5.2	64
5	Copper-Mediated Direct Alkoxylation of Arenes Using an <i>N,O</i> -Bidentate Directing System. <i>Journal of Organic Chemistry</i> , 2014, 79, 10399-10409.	1.7	59
6	Solubility of CO ₂ in aqueous mixtures of monoethanolamine and dicyanamide-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2014, 365, 80-87.	1.4	58
7	Determination and correlation of solubility of tylosin tartrate in alcohol mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015, 80, 128-134.	1.0	55
8	Ionic liquid functionalized electrospun gel polymer electrolyte for use in a high-performance lithium metal battery. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18479-18487.	5.2	55
9	Solubility, thermodynamic modeling and Hansen solubility parameter of 5-norbornene-2,3-dicarboximide in three binary solvents (methanol, ethanol, ethyl acetate + DMF) from 278.15 K to 323.15 K. <i>Journal of Molecular Liquids</i> , 2020, 300, 112097.	2.3	55
10	Solubility determination and correlation of cyromazine in sixteen pure solvents and mixing properties of solutions. <i>Fluid Phase Equilibria</i> , 2018, 475, 77-88.	1.4	51
11	Protic Ionic-Liquid-Supported Activated Carbon with Hierarchical Pores for Efficient NH ₃ Adsorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11769-11777.	3.2	47
12	Determination and correlation of the solubility for diosgenin in alcohol solvents. <i>Journal of Chemical Thermodynamics</i> , 2012, 50, 1-6.	1.0	36
13	Thermodynamic analysis and correlation of cyromazine in three (acetic acid, propanoic acid or Tj ETQq1 1 0.784314 rgBT /Overlock 1 272, 158-169.	2.3	36
14	Measurement and Correlation of the Solubility of Florfenicol Form A in Several Pure and Binary Solvents. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 2046-2055.	1.0	35
15	The dissolution behaviour and apparent thermodynamic analysis of doxifluridine in twelve pure solvents at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2020, 144, 106073.	1.0	35
16	Aromatic Ester-Functionalized Ionic Liquid for Highly Efficient CO ₂ Electrochemical Reduction to Oxalic Acid. <i>ChemSusChem</i> , 2020, 13, 4900-4905.	3.6	33
17	Solubility measurement, solubility behavior analysis and thermodynamic modelling of melatonin in twelve pure solvents from 278.15 K to 323.15 K. <i>Journal of Molecular Liquids</i> , 2020, 319, 114139.	2.3	32
18	Efficient Conversion of $\hat{1}$ -Angelica Lactone into $\hat{3}$ -Valerolactone with Ionic Liquids at Room Temperature. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 902-909.	3.2	31

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19	Effect of N/P ratios on the performance of LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ SiO ₂ /Graphite lithium-ion batteries. Journal of Power Sources, 2019, 439, 227056.	4.0	31
20	Solubilities of { α -D-glucose in water+(acetic acid or propionic acid)} mixtures at atmospheric pressure and different temperatures. Journal of Chemical Thermodynamics, 2013, 65, 7-10.	1.0	29
21	Measurement and Correlation of the Solubility for Camptothecin in Different Organic Solvents. Journal of Chemical & Engineering Data, 2016, 61, 2052-2061.	1.0	29
22	Analysis of the structures, stabilities and electronic properties of MB ₁₆ (M) Tj ETQq0 0 0 rgBT /Overlock 10	1.4	29
23	In-situ synthesis of interconnected SWCNT/OMC framework on silicon nanoparticles for high performance lithium-ion batteries. Green Energy and Environment, 2016, 1, 91-99.	4.7	28
24	Solubility and dissolution characteristics of capecitabine in pure lower alcohols and water with methanol mixture solvents at atmospheric pressure and different temperatures. Fluid Phase Equilibria, 2018, 460, 23-35.	1.4	28
25	Measurement and modeling correlation of capecitabine solubility in n-hexane+ethyl acetate and n-heptane+ethyl acetate at various temperatures. Journal of Molecular Liquids, 2019, 295, 111716.	2.3	27
26	Thermodynamic studies of thiamethoxam in nine pure solvents and one mixed solvent, solubility and correlation ranged from 278.15 to 323.15K. Journal of Chemical Thermodynamics, 2020, 146, 106116.	1.0	27
27	Volumetric and viscometric studies of cefepime hydrochloride in water and normal saline from (278.15 to 313.15)K. Journal of Chemical Thermodynamics, 2013, 66, 14-21.	1.0	26
28	Solubility of diosgenin in different solvents. Journal of Chemical Thermodynamics, 2012, 47, 341-346.	1.0	25
29	Density functional theory study of the structures and electronic properties of copper and sulfur doped copper clusters. Computational and Theoretical Chemistry, 2016, 1080, 47-55.	1.1	25
30	Solubility and mixing thermodynamic properties of levamisole hydrochloride in twelve pure solvents at various temperatures. Journal of Chemical Thermodynamics, 2019, 139, 105882.	1.0	25
31	Solid-liquid equilibrium solubility and thermodynamic properties of cis-5-norbornene-endo-2,3-dicarboxylic anhydride in fourteen pure solvents and three binary solvents at various temperatures. Journal of Molecular Liquids, 2020, 297, 111396.	2.3	24
32	Thermodynamic modelling, Hansen solubility parameter and solvent effect of oxaprozin in thirteen pure solvents at different temperatures. Journal of Chemical Thermodynamics, 2020, 151, 106239.	1.0	24
33	Insights into the structures and electronic properties of Cun+1 $\frac{1}{4}$ and CunS $\frac{1}{4}$ (n=12; $\frac{1}{4}$, 0, 1) clusters Scientific Reports, 2017, 7, 1345.	1.6	23
34	Novel concentration gradient LiNi _{0.815} Co _{0.15} Al _{0.035} O ₂ microspheres as cathode material for lithium ion batteries. Ceramics International, 2019, 45, 19420-19428.	2.3	23
35	Nitrogen-doped porous carbon was prepared from peony shell for the cathode material of lithium-sulfur battery. Journal of Electroanalytical Chemistry, 2020, 861, 113922.	1.9	23
36	Solubility determination, model evaluation, Hansen solubility parameter and thermodynamic properties of benorilate in six pure solvents and two binary solvent mixtures. Journal of Chemical Thermodynamics, 2021, 153, 106301.	1.0	23

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37	Solubility modeling, mixing properties and solvent effect of 5-norbornene-2,3-dicarboximide in eleven pure solvents at various temperatures. <i>Fluid Phase Equilibria</i> , 2020, 512, 112301.	1.4	21
38	Multi-objective optimization of biomass to biomethane system. <i>Green Energy and Environment</i> , 2016, 1, 156-165.	4.7	20
39	Solubility of Potassium-Chlorophenoxyacetate in Ethanol + Water from (295.61 to 358.16) K. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 907-909.	1.0	19
40	Solid-liquid equilibrium solubility, thermodynamic properties, solvent effect and molecular simulation of (R)-(α)-phenylephrine hydrochloride in ten pure solvents ranged from 278.15 K to 323.15 K. <i>Journal of Chemical Thermodynamics</i> , 2020, 144, 105959.	1.0	19
41	Solubilities of cefodizime disodium in aqueous alcohol mixtures at atmospheric pressure and different temperatures. <i>Fluid Phase Equilibria</i> , 2010, 298, 246-252.	1.4	18
42	Determination and Correlation of Solubility for D-Xylose in Volatile Fatty Acid Solvents. <i>Chinese Journal of Chemical Engineering</i> , 2014, 22, 429-434.	1.7	18
43	Application of the NRTL method to correlate solubility of diosgenin. <i>Journal of Chemical Thermodynamics</i> , 2014, 71, 231-235.	1.0	18
44	Solid-Liquid Equilibrium Solubility, Thermodynamic Properties, and Molecular Simulation of Phenylphosphonic Acid in 15 Pure Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 5142-5159.	1.0	18
45	Equilibrium solubility, thermodynamic properties and Hansen solubility parameter of doxifluridine in (Δ)-2-ethyl-1-hexanol (methanol, ethanol and acetone) at various temperatures. <i>Journal of Molecular Liquids</i> , 2020, 319, 114130.	2.3	18
46	Solubility, Hansen solubility parameter and thermodynamic properties of etodolac in twelve organic pure solvents at different temperatures. <i>Journal of Molecular Liquids</i> , 2020, 316, 113779.	2.3	18
47	Solubility of Phthalic Acid in Methanol + Water and Methanol + Butyl Acetate from (295.87 to 359.75) K. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 2022-2025.	1.0	17
48	Immobilization and molecular rearrangement of ionic liquids on the surface of carbon nanotubes. <i>RSC Advances</i> , 2014, 4, 16267-16273.	1.7	17
49	Apparent thermodynamic analysis and the dissolution behavior of levamisole hydrochloride in three binary solvent mixtures. <i>Thermochimica Acta</i> , 2019, 681, 178375.	1.2	17
50	A comparative study of Cu_nX ($X = \text{Sc}, \text{Y}; n = 1-10$) clusters based on the structures, and electronic and aromatic properties. <i>New Journal of Chemistry</i> , 2019, 43, 6597-6606.	1.4	17
51	Solubility determination, model evaluation, Hansen solubility parameter, molecular simulation and thermodynamic properties of benflumetol in four binary solvent mixtures from 278.15 K to 323.15 K. <i>Journal of Molecular Liquids</i> , 2021, 333, 115867.	2.3	17
52	Solubilities of Cefepime Hydrochloride in Water + (Ethanol, 1-Propanol, or 2-Propanol) from (278.15 to Tj) K. <i>Journal of Chemical & Engineering Data</i> , 2016, 55, 1000-1006.	1.0	16
53	Synthesis of propylene glycol ethers from propylene oxide catalyzed by environmentally friendly ionic liquids. <i>Chinese Journal of Catalysis</i> , 2017, 38, 879-888.	6.9	16
54	Thermodynamic modelling and Hansen solubility parameter of N-hydroxy-5-norbornene-2,3-dicarboximide in twelve pure solvents at various temperatures. <i>Journal of Molecular Liquids</i> , 2020, 300, 112203.	2.3	16

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55	3D Printing for Biological Scaffolds using Poly(Ionic Liquid)/Gelatin/Sodium Alginate Ink. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100084.	1.7	15
56	Densities and Viscosities of Chromium Trioxide + Potassium Chromate + Potassium Dichromate + Water from (298.15 to 333.15) K. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 648-653.	1.0	14
57	Liquid-Liquid Equilibria of the Aqueous Two-Phase Systems of Ionic Liquid 1-Butyl-3-methylimidazolium Tetrafluoroborate and Sodium Dihydrogen Phosphate/Disodium Hydrogen Phosphate or Their Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2379-2386.	1.0	14
58	Phase behavior of aqueous two-phase systems composed of 1-ethyl-3-methylimidazolium tetrafluoroborate and phosphate-based salts at different temperatures. <i>Fluid Phase Equilibria</i> , 2013, 341, 23-29.	1.4	14
59	Preparation of 1,4-cyclohexanedimethanol by selective hydrogenation of a waste PET monomer bis(2-hydroxyethylene terephthalate). <i>RSC Advances</i> , 2015, 5, 485-492.	1.7	14
60	Geometries, stabilities and electronic properties of copper and selenium doped copper clusters: Density functional theory study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 86, 303-310.	1.3	14
61	Densities and viscosities of cefodizime sodium in water and normal saline from (278.15 to 313.15)K. <i>Thermochimica Acta</i> , 2013, 568, 189-195.	1.2	13
62	Conversion of bis(2-hydroxyethylene terephthalate) into 1,4-cyclohexanedimethanol by selective hydrogenation using RuPtSn/Al ₂ O ₃ . <i>RSC Advances</i> , 2016, 6, 48737-48744.	1.7	13
63	Solubility modeling, solvent effect and mixing properties of 5-chloro-8-hydroxyquinoline (Form I) in twelve pure solvents at various temperatures. <i>Journal of Molecular Liquids</i> , 2020, 308, 112988.	2.3	13
64	Hydroxyl-Rich Deep Eutectic Solvents Assistant Synthesis of VPO and Its Application in Selective Oxidation of n-Butane. <i>ChemistrySelect</i> , 2020, 5, 6907-6917.	0.7	13
65	Solid-liquid equilibrium solubility, thermodynamic properties, solvent effect of Ipriflavone in twelve pure solvents at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106231.	1.0	13
66	Solid-liquid phase equilibrium of phenylphosphonic acid in three binary solvents: Determination, correlation and molecular simulation. <i>Journal of Molecular Liquids</i> , 2020, 307, 112936.	2.3	13
67	Solid-liquid phase equilibrium of nimesulide (Form I) in twelve mono-solvents: Solubility determination, molecular dynamic simulation, solvent effect, model correlation and thermodynamic analysis. <i>Journal of Molecular Liquids</i> , 2021, 330, 115480.	2.3	13
68	Solubility determination, model correlation, solvent effect, molecular simulation and thermodynamic properties of flutamide in eleven pure solvents at different temperatures. <i>Journal of Molecular Liquids</i> , 2021, 336, 115559.	2.3	12
69	Non-isothermal decomposition kinetics of diosgenin. <i>Russian Journal of Physical Chemistry A</i> , 2013, 87, 1611-1614.	0.1	11
70	Solubility correlation and thermodynamic analysis of solution of tylosin tartrate in methanol +	2.3	11
71	Adamantane-Based Cation and [MF _n] ⁺ Anion Synergistically Enhanced Catalytic Performance of Sulfuric Acid for Isobutane Alkylation. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 7920-7929.	1.8	11
72	Electrochemical performance of novel mesocarbon microbeads as lithium ion battery anode. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14788-14795.	1.1	11

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73	Effects of <i>Bacillus thuringiensis</i> HC-2 Combined with Biochar on the Growth and Cd and Pb Accumulation of Radish in a Heavy Metal-Contaminated Farmland under Field Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3676.	1.2	11
74	Process optimization and modeling of recycling Mo (VI) from spent Mo-Fe ₂ O ₃ /Al ₂ O ₃ catalyst by roasting with sodium carbonate using response surface methodology (RSM). <i>International Journal of Refractory Metals and Hard Materials</i> , 2020, 87, 105162.	1.7	11
75	Solubility measurement, Hansen solubility parameter and thermodynamic modeling of etodolac in four binary solvents from 278.15 K to 323.15 K. <i>Journal of Molecular Liquids</i> , 2020, 318, 114155.	2.3	11
76	Solid-liquid phase equilibrium of naphazoline hydrochloride in eleven neat solvents: Determination, solvent effect, molecular simulation and thermodynamic analysis. <i>Journal of Molecular Liquids</i> , 2021, 325, 114748.	2.3	11
77	Solubility determination, model evaluation, Hansen solubility parameter and thermodynamic properties of N-hydroxyphthalimide in eleven neat solvents. <i>Journal of Molecular Liquids</i> , 2021, 325, 114677.	2.3	11
78	Thermodynamic analysis and molecular dynamic simulation of the solubility of risperidone (form I) in the pure and binary solvents. <i>Journal of Molecular Liquids</i> , 2022, 359, 119061.	2.3	11
79	Phase Diagram of the System Urea + Hydrogen Peroxide + Water. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 548-550.	1.0	10
80	Solubility of Tripolycyanamide and Cyanuric Acid in Ethanediol, N,N-Dimethylformamide, and N,N-Dimethylacetamide from (301.07 to 363.35) K. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 890-891.	1.0	10
81	Solubility, solvent effect, molecular simulation and thermodynamic properties of clozapine in twelve pure solvents. <i>Journal of Chemical Thermodynamics</i> , 2021, 158, 106398.	1.0	10
82	Solubility, thermodynamic properties and molecular simulation of tinidazole in fourteen mono-solvents at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2022, 170, 106767.	1.0	10
83	Thermal decomposition and non-isothermal decomposition kinetics of carbamazepine. <i>Russian Journal of Physical Chemistry A</i> , 2014, 88, 2308-2313.	0.1	9
84	Structures, stabilities and electronic properties of boron-doped silicon clusters B ₃ Si _n (n=17) and their anions. <i>Molecular Physics</i> , 2019, 117, 382-394.	0.8	9
85	Solubility and thermodynamic modeling of cis-5-norbornene-exo-2,3-dicarboxylic anhydride in three binary solvents (1,4-dioxane, DMF, NMP+Ethanol) from 278.15 K to 323.15 K. <i>Journal of Molecular Liquids</i> , 2020, 297, 111755.	2.3	9
86	Enhanced adsorption of copper ions by phosphoric acid-modified <i>Paeonia ostii</i> seed coats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 43906-43916.	2.7	9
87	Experimental measurement, thermodynamic analysis and molecular simulation of topiramate solubility in fourteen mono-solvents at various temperatures. <i>Journal of Molecular Liquids</i> , 2021, 342, 116992.	2.3	9
88	The solubility data, Hansen solubility parameter and dissolution thermodynamic properties of riluzole in twelve organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2021, 162, 106569.	1.0	9
89	Solubility measurement and thermodynamic properties of Nintedanib Esylate Hemihydrate in pure solvents. <i>Journal of Molecular Liquids</i> , 2022, 352, 118624.	2.3	9
90	First-principle study of structural, electronic and magnetic properties of (FeC) _n (n=8) and (FeC) ₈ TM _{1.6} (TM=V, Cr, Mn and Co) clusters. <i>Scientific Reports</i> , 2017, 7, 17516.	1.6	8

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91	Solubility measurement, thermodynamic correlation and molecular dynamic simulation of naphazoline hydrochloride in four binary solvents. <i>Journal of Molecular Liquids</i> , 2021, 323, 114632.	2.3	8
92	Phase Diagram of the Quaternary System Sodium Sulfate + Sodium Chloride + Hydrogen Peroxide + Water and Its Subsystems: Experimental Data. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 1540-1543.	1.0	7
93	Density and Viscosity of Clopidogrel Hydrogen Sulfate + Methanol and Clopidogrel Hydrogen Sulfate + Ethanol from (278.15 to 313.15) K. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 4943-4945.	1.0	7
94	Solubility of Zaltoprofen in Five Binary Solvents at Various Temperatures: Data Determination and Thermodynamic Modeling. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 2053-2067.	1.0	7
95	Solid-liquid phase equilibrium of praziquantel in eleven pure solvents: Determination, model correlation, solvent effect, molecular simulation and thermodynamic analysis. <i>Journal of Chemical Thermodynamics</i> , 2021, 154, 106327.	1.0	7
96	Solubility determination, model evaluation, Hansen solubility parameter and thermodynamic properties of benflumetol in pure alcohol and ester solvents. <i>Journal of Chemical Thermodynamics</i> , 2021, 154, 106323.	1.0	7
97	Uridine in twelve pure solvents: Equilibrium solubility, thermodynamic analysis and molecular simulation. <i>Journal of Molecular Liquids</i> , 2021, 330, 115663.	2.3	7
98	Solubility measurement, molecular simulation and thermodynamic analysis of guanidine hydrochloride in eleven neat solvents. <i>Journal of Molecular Liquids</i> , 2021, 339, 116468.	2.3	7
99	Solubility, molecular simulation, Hansen solubility parameter and thermodynamic properties of citiolone in thirteen organic pure solvents at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2022, 164, 106624.	1.0	7
100	Facile Decoration of Au Nanoparticles on CdS Nanorods by Polyoxometalate with Enhanced Photocatalytic Activities Toward Hydrogen Evolution. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4616-4621.	0.9	6
101	Measurement and Correlation for Solubility of Diosgenin in Some Mixed Solvents. <i>Chinese Journal of Chemical Engineering</i> , 2014, 22, 170-176.	1.7	6
102	NH ₄ F and carbon nanotubes co-modified LiNi _{0.88} Co _{0.09} Al _{0.03} O ₂ cathode material with enhanced electrochemical properties for Li-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4128-4136.	1.1	6
103	Solid-liquid equilibrium solubility, thermodynamic properties and molecular simulation of cis-5-norbornene-exo-2,3-dicarboxylic anhydride in thirteen pure solvents at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2020, 141, 105967.	1.0	6
104	Solubility measurement, model evaluation and Hansen solubility parameter of ipriflavone in three binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2021, 152, 106285.	1.0	6
105	Solubility determination and thermodynamic modelling of 5-chloro-8-hydroxyquinoline in binary solvent mixtures from T = 278.15 to 323.15 K. <i>Journal of Chemical Thermodynamics</i> , 2021, 154, 106315.	1.0	6
106	Solubility of melatonin in ethyl acetate + (N, N-dimethylformamide, 2-methoxyethanol, 2-ethoxyethanol) solvent mixtures. <i>Journal of Chemical Thermodynamics</i> , 2021, 156, 106372.	1.0	6
107	Equilibrium solubility of kojic acid in four binary solvents: Determination, model evaluation, Hansen solubility parameter, thermodynamic properties and quantum chemical calculations. <i>Journal of Molecular Liquids</i> , 2021, 325, 114796.	2.3	6
108	Solubility, MD simulation, thermodynamic properties and solvent effect of perphenazine (Form I) in eleven neat organic solvents ranged from 278.15 K to 318.15 K. <i>Journal of Molecular Liquids</i> , 2022, 348, 118184.	2.3	6

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109	Systematic theoretical investigation of structure and electronic properties of pure copper and lithium doped copper clusters. <i>Molecular Physics</i> , 2016, 114, 1644-1656.	0.8	5
110	Iron-Catalyzed Regioselective C5-H Benzoylation of 8-Aminoquinolines with Benzylic Acetates. <i>ChemistrySelect</i> , 2019, 4, 4682-4685.	0.7	5
111	Solubility measurement, model evaluation and molecular simulations of (R)-(-)-phenylephrine hydrochloride in three binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106168.	1.0	5
112	Solubility and Mixing Thermodynamic Properties of Capecitabine in Five Acetic Acid Esters at Various Temperatures. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 278-286.	0.1	5
113	Solid-liquid phase equilibrium of busulfan in fifteen pure solvents: Solubility determination, solvent effect, model correlation and thermodynamic analysis. <i>Journal of Chemical Thermodynamics</i> , 2021, 154, 106328.	1.0	5
114	Solid-liquid phase equilibrium of Nintedanib in ten pure solvents: Determination, thermodynamic analysis, model correlation and molecular simulation. <i>Journal of Chemical Thermodynamics</i> , 2021, 163, 106595.	1.0	5
115	Solubility Measurement and Correlation of the Insecticide Thiamethoxam in Six Monosolvents and Two Binary Solvent Mixtures at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 466-479.	1.0	5
116	Quantum Chemistry Study on the Structures and Electronic Properties of Bimetallic Ca ₂ -Doped Magnesium Ca ₂ Mg _n (n = 1-15) Clusters. <i>Nanomaterials</i> , 2022, 12, 1654.	1.9	5
117	Measurement and Correlation of Solubilities of Cefpirome Sulfate in Aqueous Alcohol Solution between (278.15 and 308.15) K. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 5375-5381.	1.0	4
118	ZnSO ₄ and La ₂ O ₃ as Co-Modifier of the Monoclinic Ru Catalyst for Selective Hydrogenation of Benzene to Cyclohexene. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2014, 30, 1332-1340.	2.2	4
119	Solubility and thermodynamic properties of Alogliptin Benzoate form A in different mono-solvents. <i>Journal of Chemical Thermodynamics</i> , 2021, 159, 106474.	1.0	4
120	Thermodynamic analysis and molecular simulation of solid-liquid phase equilibrium of isoprenaline hydrochloride in eleven pure solvents at saturation. <i>Journal of Chemical Thermodynamics</i> , 2021, 160, 106411.	1.0	4
121	Selective hydrogenation of benzene to cyclohexene over monometallic ruthenium catalysts in the presence of CeO ₂ and ZnSO ₄ as co-modifiers. <i>Journal of Rare Earths</i> , 2013, 31, 1023-1028.	2.5	3
122	Computational Studies on the Sc _n N _m (n+m=10) Clusters: Structure, Electronic and Vibrational Properties. <i>Journal of Cluster Science</i> , 2018, 29, 459-468.	1.7	3
123	Synthesis of silicon/carbon nanosheets with NaCl template and its application as anode material of lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 2442-2449.	1.1	3
124	Reply to "Comment on "Solubility determination and correlation of cyromazine in sixteen pure solvents and mixing properties of solutions". <i>Fluid Phase Equilibria</i> , 2019, 484, 122-125.	1.4	3
125	Effective removal of copper ions from aqueous solution by iminodiacetic acid-functionalized <i>Paeonia ostii</i> seed coats. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 1126-1135.	1.3	3
126	Fabrication of Ionic Liquid-Based Pickering Emulsion and Its Enhancement for Tri-isobutene Formation in Isobutene Oligomerization. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 10436-10446.	1.8	3

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127	Determination and modelling of density, viscosity and solubility of (R)-(-)-phenylephrine hydrochloride in methanol + ethyl acetate at (278.15–323.15) K and 0.1 MPa. <i>Journal of Molecular Liquids</i> , 2021, 321, 114311.	2.3	3
128	Probing the structural, electronic and spectral properties of a NbB ₂₀ cluster. <i>Molecular Physics</i> , 2021, 119, e1910744.	0.8	3
129	Optimization and Evaluation of Alkali-Pretreated Paeonia Ostii Seed Coats as Adsorbent for the Removal of Mb From Aqueous Solution. <i>Polish Journal of Chemical Technology</i> , 2018, 20, 29-36.	0.3	3
130	Equilibrium solubility, model evaluation and molecular dynamic simulation of riluzole in three binary solvents from 278.15 K to 323.15 K. <i>Journal of Chemical Thermodynamics</i> , 2022, 167, 106714.	1.0	3
131	Modeling and Simulation of CO ₂ Absorption with Amine Component Solvent. <i>Computer Aided Chemical Engineering</i> , 2012, , 525-529.	0.3	2
132	Reply to "Comment on "Measurement and Correlation of the Solubility of Florfenicol Form A in Several Pure and Binary Solvents". <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3160-3162.	1.0	2
133	Equilibrium solubility, thermodynamic properties and Hansen solubility parameter of N-hydroxy-5-norbornene-2,3-dicarboximide in ethyl acetate, (2-methoxyethanol, methanol and) Tj ETQq1 1 0.784314 rgBTz/Overlo	0.784314	2
134	Solid-liquid equilibrium solubility measurement, model evaluation and Hansen solubility parameter of thiamethoxam in three binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2021, 158, 106364.	1.0	2
135	H-Bond Network-Regulated Binder for Si/Graphite Anodes. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 17399-17407.	1.8	2
136	Measurement and Modeling of Refractive Indices for Multicomponent Chromium Compound Solutions. <i>Chemical Engineering and Technology</i> , 2008, 31, 426-432.	0.9	1
137	PEG400 Modification of Keggin-Type H ₄ PMo ₁₁ VO ₄₀ -Based Catalysts for the Selective Oxidation of Methacrolein to Methacrylic Acid. <i>Advanced Materials Research</i> , 0, 550-553, 252-256.	0.3	1
138	Solubility and Dissolution Properties of Zaltoprofen in Alcohol, Acid, and Ester Solvents at Atmospheric Pressure and Different Temperatures. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 688-695.	0.1	1
139	Synchronous construction of Fe ¹⁺ -xS-embedded and interconnected carbon matrices for high-performance lithium-ion batteries anode. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 6788-6798.	1.1	1
140	Structures, electronic and thermodynamic properties of NiB ₂ and their anions: A theoretical study. <i>International Journal of Quantum Chemistry</i> , 2022, 122, .	1.0	1
141	SOLUBILITY OF TRIAZINES IN DIFFERENT SOLVENTS. , 2004, , .		0
142	PREPARATION AND TRANSPORT MODEL OF CHARGE-MOSAIC MEMBRANE. , 2004, , .		0
143	Phase Diagram of the Quaternary System Sodium Sulfate + Sodium Chloride + Hydrogen Peroxide + Water and Its Subsystems: Experimental Data.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
144	Process optimization and kinetic evaluation for biosynthesis of d-isoascorbyl stearate. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 833-839.	1.7	0

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145	Erratum to "Thermodynamic analysis and correlation of cyromazine in three (acetic acid, propanoic) Tj ETQq1 1 0.784314 rgBT /Ole 158-169]. Journal of Molecular Liquids, 2019, 296, 111779.	2.3	0
146	Structures, stabilities and electronic properties of the bimetal V2-doped Sin (n = 1-10) clusters: a density functional investigation. European Physical Journal D, 2020, 74, 1.	0.6	0