

Yixin Qu

List of Publications by Year in descending order

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25
papers

406
citations

840776

11
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	The degradation of printing and dyeing wastewater by manganese-based catalysts. <i>Science of the Total Environment</i> , 2022, 828, 154390.	8.0	65
2	Measurement and Correlation of Solubilities of (<i>Z</i>)-2-(2-Aminothiazol-4-yl)-2-methoxyiminoacetic Acid in Different Pure Solvents and Binary Mixtures of Water + (Ethanol, Methanol, or Glycol). <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 1622-1628.	1.9	49
3	Synergistic effect of electrostatic and coordination interactions for adsorption removal of cephalexin from water using a zirconium-based metal-organic framework. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 256-263.	9.4	41
4	Catalytic Performance and Characterization of Silica Supported Sodium Phosphates for the Dehydration of Methyl Lactate to Methyl Acrylate and Acrylic Acid. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 9083-9089.	3.7	36
5	Preparation and Characterization of Tungsten-substituted Molybdophosphoric Acids and Catalytic Cyclodehydration of 1,4-Butanediol to Tetrahydrofuran. <i>Chinese Journal of Chemical Engineering</i> , 2009, 17, 200-206.	3.5	32
6	Experimental and Theoretical Study for Vapor Phase Aldol Condensation of Methyl Acetate and Formaldehyde over Alkali Metal Oxides Supported on SBA-15. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 2773-2786.	3.7	30
7	Aldol Condensation Reaction of Methyl Acetate and Formaldehyde Over Cesium Oxide Supported on Silica Gel: An Experimental and Theoretical Study. <i>Catalysis Letters</i> , 2019, 149, 373-389.	2.6	21
8	Solubility Determination and Thermodynamic Properties of Bezafibrate in Pure and Binary Mixed Solvents. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 2156-2169.	1.9	17
9	Solubility and Thermodynamic Modeling of Dimethyl Terephthalate in Pure Solvents and the Evaluation of the Mixing Properties of the Solutions. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4565-4579.	1.9	16
10	Solubility of N-(Phosphonomethyl)iminodiacetic Acid in Different Binary Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 2613-2615.	1.9	13
11	One-pot synthesis of 5-hydroxymethylfurfural directly from cottonseed hull biomass using chromium (III) chloride in ionic liquid. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 2286-2290.	2.7	12
12	Solid-Liquid Equilibrium of Chlorpropamide in 14 Pure Solvents at Temperature of 283.15 to 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 2859-2871.	1.9	11
13	Effect of crystal size on the catalytic performance of HZSM-5 Zeolite in the methanol to aromatics reaction. <i>Petroleum Science and Technology</i> , 2018, 36, 898-903.	1.5	9
14	Displacement of shale gas confined in illite shale by flue gas: A molecular simulation study. <i>Chinese Journal of Chemical Engineering</i> , 2021, 29, 295-303.	3.5	8
15	Investigations on the reaction kinetics and the catalytic effect of Cu(II) and V(V) in the oxidation of cyclohexanol by nitric acid. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 112, 209-226.	1.7	7
16	Determination and Correlation of Solubility of Phenylbutazone in Monosolvents and Binary Solvent Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 864-871.	1.9	7
17	Solubility Determination and Thermodynamic Modeling of Amitriptyline Hydrochloride in 13 Pure Solvents at Temperatures of 283.15-323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 1877-1889.	1.9	7
18	Solubility of (<sc>d</sc>-Hydroxy)phenylglycine in Water + 2-Propanol from (293 to 343) K. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 2900-2901.	1.9	6

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19	Grain growth kinetics of SnO ₂ nanocrystals synthesized by precipitation method. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 929-934.	1.0	5
20	The influence of transition metal ions on the catalytic performance of Ru particles during the liquid phase hydrogenation of benzene to cyclohexene. Reaction Kinetics, Mechanisms and Catalysis, 2014, 111, 647-662.	1.7	5
21	Measurement and Correlation of Solubility of Hydrochlorothiazide in Monosolvents and Binary Solvent Mixtures from 283.15 to 323.15 K. Journal of Chemical & Engineering Data, 2019, 64, 3128-3138.	1.9	5
22	Evaluation of the Group Contribution Activity Coefficient Models for the Calculation of the Thermodynamic Factor Relating to Self- and Mutual-Diffusion Coefficients in Polymer Solutions.. Journal of Chemical Engineering of Japan, 2001, 34, 1493-1498.	0.6	3
23	Solubility of 5-mercapto-1-methyltetrazole in pure solvents from (283 to 329) K. Korean Journal of Chemical Engineering, 2012, 29, 432-434.	2.7	1
24	Solubility of D-p-hydroxyphenylglycine p-toluenesulfonate and L-p-hydroxyphenylglycine in different solvents. Korean Journal of Chemical Engineering, 2011, 28, 2041-2043.	2.7	0
25	Solution thermodynamics of S-ibuprofen n-octyl-d-glucamine salt in ethanol+water cosolvent mixtures. Fluid Phase Equilibria, 2014, 372, 69-75.	2.5	0