Weilan Xue

List of Publications by Year
in descending order

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52	395	949033 11	1113639 15
papers	citations	h-index	g-index

52	52	52	414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physical properties of deep eutectic solvents based on p-toluene sulfonic acid and employment as catalyst. Chemical Engineering Communications, 2023, 210, 34-46.	1.5	2
2	Kinetic study on hydrolysis of isoamyl <scp>DL</scp>â€lactate catalyzed by <scp>NKC</scp>â€9. Canadian Journal of Chemical Engineering, 2022, 100, 1838-1847.	0.9	0
3	Synthesis of methyl cinnamate catalyzed by deep eutectic solvents based on choline chloride: kinetic studies. Brazilian Journal of Chemical Engineering, 2022, 39, 715-726.	0.7	5
4	Study on polyvinyl butyral purification process based on Box-Behnken design and artificial neural network. Chemical Engineering Research and Design, 2022, 184, 291-302.	2.7	7
5	Study on Preparation and Performance of Reactive Polyurethane Hot Melt Adhesives Based on a Polycarbonate Diol and a Polyester Diol. Journal of Macromolecular Science - Physics, 2022, 61, 665-676.	0.4	2
6	Synthesis and properties of reactive polyurethane hot melt adhesive based on a novel phosphorus-nitrogen-containing polyol. Journal of Adhesion Science and Technology, 2021, 35, 941-954.	1.4	6
7	Adsorption of Reactive Brilliant Blue Dye from Aqueous Solution Using Modified Walnut Shell: Kinetics, Equilibrium, and Thermodynamics. Environmental Engineering Science, 2021, 38, 965-973.	0.8	2
8	Heat Capacity, Density, Vapor Pressure, and Enthalpy of Vaporization of Propyl Cinnamate. Journal of Chemical & Engineering Data, 2021, 66, 3072-3079.	1.0	3
9	Kinetic study on the reaction of p â€tertâ€butylbenzoic acid with methanol catalyzed by deep eutectic solvent based on choline chloride. International Journal of Chemical Kinetics, 2021, 53, 1241.	1.0	2
10	Effects of temperature and solvent composition on the intrinsic viscosity of polyvinyl butyral in ethanol/water solutions. Journal of Molecular Liquids, 2021, 336, 116864.	2.3	9
11	Kinetics of polyvinyl butyral hydrolysis in ethanol/water solutions. Korean Journal of Chemical Engineering, 2021, 38, 1810-1817.	1.2	3
12	Determination of Vapor Pressure, Enthalpy of Vaporization, and Heat Capacity of Methyl 4-tert-Butylbenzoate. Journal of Chemical & Engineering Data, 2021, 66, 3505-3511.	1.0	1
13	Kinetics of p-toluene-sulfonic acid catalyzed direct esterification of pentaerythritol with acrylic acid for pentaerythritol diacrylate production. Chemical Engineering Communications, 2020, 207, 331-338.	1.5	7
14	Synthesis and properties of flame-retardant reactive hot melt polyurethane adhesive. Journal of Adhesion Science and Technology, 2020, 34, 178-191.	1.4	13
15	Design and optimization of an acetic acid recovery system via extractionâ€“distillation using an isopropyl acetateâ€‰+â€‰isopropanol mixed solvent. Chemical Engineering Communications, 2020, 207, 1625-1635.	1.5	5
16	Isobaric Vaporâ€“Liquid Equilibrium for Binary System of Isoamyl <scp>dl</scp>-Lactate and Isoamyl Alcohol at 25.0, 50.0, and 101.3 kPa. Journal of Chemical & Engineering Data, 2020, 65, 81-87.	1.0	4
17	Kinetic study on the reaction of palmitic acid with ethanol catalyzed by deep eutectic solvent based on dodecyl trimethyl ammonium chloride. Korean Journal of Chemical Engineering, 2020, 37, 1482-1489.	1.2	11
18	A new modified walnut shell by grafting <scp>l</scp>â€aspartic acid: Synthesis and kinetics. International Journal of Chemical Kinetics, 2020, 52, 227-235.	1.0	3

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19	Heat Capacity, Density, Vapor Pressure, and Enthalpy of Vaporization of Isoamyl <scp>dl</scp>-Lactate. Journal of Chemical & Engineering Data, 2019, 64, 3793-3798.	1.0	11
20	Solubility and Liquidâ€“Liquid Equilibria for the Isopropyl Acetate + Isopropanol + Acetic Acid + Water Quaternary System at 313.15 K and 101.3 kPa. Journal of Chemical & Engineering Data, 2019, 64, 4551-4556.	1.0	6
21	Kinetic study on the reaction of lauric acid with ethanol catalyzed by deep eutectic solvent based on cetyl trimethyl ammonium bromide. International Journal of Chemical Kinetics, 2019, 51, 329-336.	1.0	8
22	Kinetic and equilibrium study of the removal of reactive dye using modified walnut shell. Water Science and Technology, 2019, 80, 874-883.	1.2	13
23	Synthesis and properties of nylon 6/66/510 used as hot melt adhesives for metal plate with low-surface-energy coating. Journal of Adhesion Science and Technology, 2019, 33, 395-405.	1.4	6
24	Kinetics of the reaction of ethanol and lauric acid catalyzed by deep eutectic solvent based on benzyltrimethylammonium chloride. Canadian Journal of Chemical Engineering, 2019, 97, 1144-1151.	0.9	13
25	Adsorption of lead ion from aqueous solution by modified walnut shell: kinetics and thermodynamics. Environmental Technology (United Kingdom), 2019, 40, 1810-1820.	1.2	21
26	Kinetics of esterification of benzoic acid and isoamyl alcohol catalyzed by Pâ€toluenesulphonic acid. Canadian Journal of Chemical Engineering, 2018, 96, 2443-2449.	0.9	2
27	Kinetics of the esterification between lactic acid and isoamyl alcohol in the presence of silica gelâ€supported sodium hydrogen sulphate. Canadian Journal of Chemical Engineering, 2018, 96, 1972-1978.	0.9	5
28	Thermal degradation of reactive polyurethane hot melt adhesive based on MDI. Journal of Adhesion Science and Technology, 2018, 32, 1253-1263.	1.4	11
29	Cation-Exchange Resin Catalyzed Ketalization Reaction of Cyclohexanone with 1,4-Butanediol: Thermodynamics and Kinetics. Industrial & Engineering Chemistry Research, 2018, 57, 4841-4847.	1.8	9
30	Mechanism and kinetics of esterification of adipic acid and ethylene glycol by tetrabutyl titanate catalyst. Korean Journal of Chemical Engineering, 2018, 35, 82-88.	1.2	10
31	Synthesis of polycarbonate diols catalyzed by calcined hydrotalcites doped with the transition metal Ni²⁺. New Journal of Chemistry, 2018, 42, 15997-16004.	1.4	9
32	Synthesis of Benzaldehyde and Benzoic Acid by Selective Oxidation of Benzyl Alcohol with Iron(III) Tosylate and Hydrogen Peroxide: A Solvent-Controlled Reaction. Catalysis Letters, 2018, 148, 3082-3092.	1.4	23
33	Response to â€œComments on â€˜Thermodynamic Models for Correlation of Solubility of Hexaquocobalt(II) Bis(p-toluenesulfonate) in Liquid Mixtures of WaterÂandÂEthanol from 288.15 to 333.15ÂKâ€™â€• Journal of Solution Chemistry, 2017, 46, 738-740.	0.6	0
34	Liquidâ€“Liquid Equilibrium Data of Water + Butyric Acid + {Butanal or n-Butanol} Ternary Systems at 293.15, 308.15, and 323.15 K. Journal of Chemical & Engineering Data, 2017, 62, 2244-2252.	1.0	12
35	Solubility and dissolution thermodynamics of hexaquoiron(III)tris(p-toluenesulfonate) in (ethanol+water) binary mixtures within 291.15â€“333.15 K. Korean Journal of Chemical Engineering, 2017, 34, 206-213.	1.2	5
36	Hot melt adhesive properties of PA/TPU blends compatibilized by EVA-g-MAH. Journal of Adhesion Science and Technology, 2017, 31, 943-957.	1.4	10

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37	Lead removal from aqueous solutions by 732 cationâ€exchange resin. Canadian Journal of Chemical Engineering, 2016, 94, 142-150.	0.9	19
38	Solubility of Ethyl p-Aminobenzoate in Six Alcohols within (283.15 to 327.15) K. Journal of Chemical & Engineering Data, 2016, 61, 1886-1894.	1.0	6
39	Water/ethanol complexation induced solubility variation of hexaquocobalt(II) bis (p-toluenesulfonate) and hexaquonickel(II) bis (p-toluenesulfonate). Journal of Molecular Liquids, 2016, 224, 139-145.	2.3	10
40	Adsorption equilibrium and kinetics of Pb(II) from aqueous solution by modified walnut shell. Environmental Progress and Sustainable Energy, 2016, 35, 1724-1731.	1.3	19
41	Thermodynamic Models for Correlation of Solubility of Hexaquocobalt(II) Bis(p-toluenesulfonate) in Liquid Mixtures of Water and Ethanol from 288.15 to 333.15ÂK. Journal of Solution Chemistry, 2016, 45, 395-409.	0.6	8
42	Reactive hot melt polyurethane adhesives modified with pentaerythritol diacrylate: synthesis and properties. Journal of Adhesion Science and Technology, 2016, 30, 1212-1222.	1.4	21
43	Synthesis and properties of polyamide/LLDPE composites with compatibilizer used as hot melt adhesive. Journal of Adhesion Science and Technology, 2016, 30, 104-116.	1.4	5
44	Ion Exchange Kinetics of Mg(II) from Aqueous Solutions with 732 Cation-exchange Resin. Chemical Science International Journal, 2016, 17, 1-10.	0.3	1
45	Amine-terminated nylon 6/66/1010 (AM-6/66/1010) used for hot melt adhesives: synthesis and properties. Journal of Adhesion Science and Technology, 2015, 29, 670-677.	1.4	7
46	Vapor Pressure, Vaporization Enthalpy, Standard Enthalpy of Formation and Standard Entropy of n-Butyl Carbamate. Chinese Journal of Chemical Engineering, 2014, 22, 1145-1152.	1.7	4
47	Isothermal crystallization kinetics and melting behaviors of poly(butylene terephthalate) and poly(butylene terephthalateâ€coâ€fumarate) copolymer. Polymer Engineering and Science, 2013, 53, 482-490.	1.5	19
48	Isothermal crystallization kinetics of poly(butylene terephthalateâ€coâ€sebacate) copolymer. Journal of Applied Polymer Science, 2011, 121, 735-742.	1.3	9
49	Surface equation of state for pulmonary surfactant monolayers at Airâ€"Water interface: Proteinâ€"lipid binary mixture monolayers. Canadian Journal of Chemical Engineering, 2010, 88, 1107-1113.	0.9	1
50	Solubility of terephthalic acid in the reaction system oligomeric bishydroxybutyl terephthalatesâ€"1,4â€butanediol. Polymer Engineering and Science, 2009, 49, 819-823.	1.5	1
51	Study on ion-exchange behavior of Cu2+ and Ni2+ with a high-efficiency resin. , 0, 93, 152-162.		3
52	Reactive polyurethane hot melt adhesives based on polycarbonate and sebacic acid-based polyester polyols. Journal of Adhesion Science and Technology, 0, , 1-20.	1.4	3