Ianatul Khoiroh

List of Publications by Year
in descending order

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29	550	687363 13	642732 23
papers	citations	h-index	g-index

29	29	29	598
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Permeabilization of Chlorella sorokiniana and extraction of lutein by distillable CO2-based alkyl carbamate ionic liquids. Separation and Purification Technology, 2021, 256, 117471.	7.9	36
2	Techniques of lipid extraction from microalgae for biofuel production: a review. Environmental Chemistry Letters, 2021, 19, 231-251.	16.2	61
3	Phase Equilibria of Aqueous Two-Phase Systems of PEG with Sulfate Salt: Effects of pH, Temperature, Type of Cation, and Polymer Molecular Weight. Journal of Chemical & Engineering Data, 2021, 66, 1425-1434.	1.9	13
4	Viscosities of polyethylene glycol monolaurate in alcohol solvents from non-equilibrium molecular dynamics (NEMD) simulation. Materials Today: Proceedings, 2021, , .	1.8	2
5	Phase behavior for 1-butyl-3-methylimidazolium tetrafluoroborate with sodium oxalate/succinate/formate aqueous two-phase systems at 298.15 and 308.15 K. Journal of Dispersion Science and Technology, 2020, 42, 67-74.	2.4	5
6	Vaporâ€“Liquid Equilibrium Measurement and Thermodynamic Correlations of 4-Nonyl Phenol Diethoxylate with sec-Butanol at Elevated Pressures. Journal of Solution Chemistry, 2020, 49, 1052-1067.	1.2	0
7	Insight into structural properties of polyethylene glycol monolaurate in water and alcohols from molecular dynamics studies. RSC Advances, 2020, 10, 21760-21771.	3.6	8
8	Integration of osmotic shock assisted liquid biphasic system for protein extraction from microalgae Chlorella vulgaris. Biochemical Engineering Journal, 2020, 157, 107532.	3.6	21
9	Thermophysical Properties and Experimental and Modeling Density of Alkanolâ€‰+â€‰Alkane Mixtures Using Neural Networks Developed with Differential Evolution Algorithm. International Journal of Thermophysics, 2020, 41, 1.	2.1	7
10	Atmospheric Ternary Liquidâ€“Liquid Equilibrium for the Diethyl Carbonate + 1-Propanol + Water System at Temperature of 303.15, 313.15, 323.15, and 333.15 K. Journal of Chemical & Engineering Data, 2019, 64, 1029-1034.	1.9	23
11	Phase equilibria of aqueous mixtures of PEG with formate salt: Effects of pH, type of cation, polymer molecular weight and temperature. Fluid Phase Equilibria, 2019, 485, 158-167.	2.5	18
12	Simulation of the Extractive Distillation using Ethylene Glycol as an Entrainer in the Bioethanol Dehydration. , 2018, , .		0
13	Design and Construction of Chem-E-Car SMARTTRONS Powered by Thermoelectric Generator Utilising Temperature Gradient of Two Reactors. Journal of Physical Science, 2018, 29, 203-214.	0.9	0
14	Enhanced recovery of lipase derived from Burkholderia cepacia from fermentation broth using recyclable ionic liquid/polymer-based aqueous two-phase systems. Separation and Purification Technology, 2017, 179, 152-160.	7.9	44
15	Recent Advances in Protein Extraction Using Ionic Liquid-based Aqueous Two-phase Systems. Separation and Purification Reviews, 2017, 46, 291-304.	5.5	76
16	Isobaric vapor-liquid equilibrium of 2-propanone+2-butanol system at 101.325 kPa: Experimental and molecular dynamics simulation. Korean Journal of Chemical Engineering, 2017, 34, 2011-2018.	2.7	4
17	Lipase production and purification by self-buffering ionic liquid-based aqueous biphasic systems. Process Biochemistry, 2017, 63, 221-228.	3.7	20
18	Densities, Viscosities, and Refractive Indexes of Goodâ€™s Buffer Ionic Liquids. Journal of Chemical & Engineering Data, 2016, 61, 2260-2268.	1.9	13

#	Article	IF	Citations
19	Aqueous Two-Phase Flotation for the Recovery of Biomolecules. Separation and Purification Reviews, 2016, 45, 81-92.	5.5	48
20	Vaporâ€“liquid equilibrium of polyethylene glycol monooleyl ether with 2-butanol, tert-butanol, or 1-pentanol. Fluid Phase Equilibria, 2015, 404, 81-88.	2.5	1
21	Evaluating Self-buffering Ionic Liquids for Biotechnological Applications. ACS Sustainable Chemistry and Engineering, 2015, 3, 3420-3428.	6.7	46
22	Phase Behavior and Molecular Dynamics Simulation Studies of New Aqueous Two-Phase Separation Systems Induced by HEPES Buffer. Journal of Physical Chemistry B, 2013, 117, 563-582.	2.6	28
23	Vaporâ€“liquid equilibria of binary systems composed of polyoxyethylene 4-octylphenyl ether and alcohols: Experimental measurements and correlation. Fluid Phase Equilibria, 2013, 360, 111-117.	2.5	5
24	Isothermal vapourâ€“liquid equilibrium of binary systems containing polyoxyethylene dodecanoate and alcohols. Journal of Chemical Thermodynamics, 2013, 56, 99-105.	2.0	2
25	Isothermal Vaporâ€“Liquid Equilibrium for Binary Mixtures of Polyoxyethylene Dodecanoate with Methanol, Ethanol, or Propan-2-ol. Journal of Chemical & Engineering Data, 2012, 57, 545-552.	1.9	6
26	Interactions of Biological Buffers with Macromolecules: The Ubiquitous â€œSmartâ€•Polymer PNIPAM and the Biological Buffers MES, MOPS, and MOPSO. Macromolecules, 2011, 44, 8575-8589.	4.8	44
27	Isothermal Vaporâ^'Liquid Equilibrium for Binary Mixtures of Polyoxyethylene 4-Octylphenyl Ether with Methanol, Ethanol, or Propan-2-ol. Journal of Chemical & Engineering Data, 2011, 56, 1178-1184.	1.9	6
28	Isothermal (vapour+liquid) equilibrium for binary mixtures of polyethylene glycol mono-4-nonylphenyl ether (PEGNPE) with methanol, ethanol, or 2-propanol. Journal of Chemical Thermodynamics, 2011, 43, 1417-1423.	2.0	7
29	Solubilities of Dichloromethane, Diethyl Ether, Ethyl Acetate, and Nitrobenzene in Three Polymers Using the Piezoelectric Quartz Sorption Method. Journal of Chemical & Engineering Data, 2010, 55, 5581-5586.	1.9	6