

# Ianatul Khoiroh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2635404/publications.pdf>

Version: 2024-02-01

29  
papers

550  
citations

686830

13  
h-index

642321

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Permeabilization of <i>Chlorella sorokiniana</i> and extraction of lutein by distillable CO <sub>2</sub> -based alkyl carbamate ionic liquids. <i>Separation and Purification Technology</i> , 2021, 256, 117471.	3.9	36
2	Techniques of lipid extraction from microalgae for biofuel production: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 231-251.	8.3	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. <i>Journal of Chemical &amp; Engineering Data</i> , 2021, 66, 1425-1434.	1.0	13
4	Viscosities of polyethylene glycol monolaurate in alcohol solvents from non-equilibrium molecular dynamics (NEMD) simulation. <i>Materials Today: Proceedings</i> , 2021, , .	0.9	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. <i>Journal of Dispersion Science and Technology</i> , 2020, 42, 67-74.	1.3	5
6	Vapor-Liquid Equilibrium Measurement and Thermodynamic Correlations of 4-Nonyl Phenol Diethoxylate with sec-Butanol at Elevated Pressures. <i>Journal of Solution Chemistry</i> , 2020, 49, 1052-1067.	0.6	0
7	Insight into structural properties of polyethylene glycol monolaurate in water and alcohols from molecular dynamics studies. <i>RSC Advances</i> , 2020, 10, 21760-21771.	1.7	8
8	Integration of osmotic shock assisted liquid biphasic system for protein extraction from microalgae <i>Chlorella vulgaris</i> . <i>Biochemical Engineering Journal</i> , 2020, 157, 107532.	1.8	21
9	Thermophysical Properties and Experimental and Modeling Density of Alkanol-Alkane Mixtures Using Neural Networks Developed with Differential Evolution Algorithm. <i>International Journal of Thermophysics</i> , 2020, 41, 1.	1.0	7
10	Atmospheric Ternary Liquid-Liquid Equilibrium for the Diethyl Carbonate + 1-Propanol + Water System at Temperature of 303.15, 313.15, 323.15, and 333.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 1029-1034.	1.0	23
11	Phase equilibria of aqueous mixtures of PEG with formate salt: Effects of pH, type of cation, polymer molecular weight and temperature. <i>Fluid Phase Equilibria</i> , 2019, 485, 158-167.	1.4	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. <i>Journal of Physical Science</i> , 2018, 29, 203-214.	0.5	0
14	Enhanced recovery of lipase derived from <i>Burkholderia cepacia</i> from fermentation broth using recyclable ionic liquid/polymer-based aqueous two-phase systems. <i>Separation and Purification Technology</i> , 2017, 179, 152-160.	3.9	44
15	Recent Advances in Protein Extraction Using Ionic Liquid-based Aqueous Two-phase Systems. <i>Separation and Purification Reviews</i> , 2017, 46, 291-304.	2.8	76
16	Isobaric vapor-liquid equilibrium of 2-propanone+2-butanol system at 101.325 kPa: Experimental and molecular dynamics simulation. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2011-2018.	1.2	4
17	Lipase production and purification by self-buffering ionic liquid-based aqueous biphasic systems. <i>Process Biochemistry</i> , 2017, 63, 221-228.	1.8	20
18	Densities, Viscosities, and Refractive Indexes of Good <sup>TM</sup> s Buffer Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 2260-2268.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Aqueous Two-Phase Flotation for the Recovery of Biomolecules. <i>Separation and Purification Reviews</i> , 2016, 45, 81-92.	2.8	48
20	Vapor-liquid equilibrium of polyethylene glycol monooleyl ether with 2-butanol, tert-butanol, or 1-pentanol. <i>Fluid Phase Equilibria</i> , 2015, 404, 81-88.	1.4	1
21	Evaluating Self-buffering Ionic Liquids for Biotechnological Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 3420-3428.	3.2	46
22	Phase Behavior and Molecular Dynamics Simulation Studies of New Aqueous Two-Phase Separation Systems Induced by HEPES Buffer. <i>Journal of Physical Chemistry B</i> , 2013, 117, 563-582.	1.2	28
23	Vapor-liquid equilibria of binary systems composed of polyoxyethylene 4-octylphenyl ether and alcohols: Experimental measurements and correlation. <i>Fluid Phase Equilibria</i> , 2013, 360, 111-117.	1.4	5
24	Isothermal vapour-liquid equilibrium of binary systems containing polyoxyethylene dodecanoate and alcohols. <i>Journal of Chemical Thermodynamics</i> , 2013, 56, 99-105.	1.0	2
25	Isothermal Vapor-Liquid Equilibrium for Binary Mixtures of Polyoxyethylene Dodecanoate with Methanol, Ethanol, or Propan-2-ol. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 545-552.	1.0	6
26	Interactions of Biological Buffers with Macromolecules: The Ubiquitous "Smart" Polymer PNIPAM and the Biological Buffers MES, MOPS, and MOPSO. <i>Macromolecules</i> , 2011, 44, 8575-8589.	2.2	44
27	Isothermal Vapor-Liquid Equilibrium for Binary Mixtures of Polyoxyethylene 4-Octylphenyl Ether with Methanol, Ethanol, or Propan-2-ol. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 1178-1184.	1.0	6
28	Isothermal (vapour+liquid) equilibrium for binary mixtures of polyethylene glycol mono-4-nonylphenyl ether (PEGNPE) with methanol, ethanol, or 2-propanol. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 1417-1423.	1.0	7
29	Solubilities of Dichloromethane, Diethyl Ether, Ethyl Acetate, and Nitrobenzene in Three Polymers Using the Piezoelectric Quartz Sorption Method. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 5581-5586.	1.0	6