

Nathan S Evangelista

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

159
citations

1307366

7
h-index

1372474

10
g-index

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all docs

10
docs citations

10
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid-Liquid Equilibrium for Ternary Mixtures of Biodiesel (Soybean or Sunflower) + Glycerol + Ethanol at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 4061-4067.	1.0	39
2	Evaluation of optimal activity coefficient models for modeling and simulation of liquid-liquid equilibrium of biodiesel+glycerol+alcohol systems. <i>Fuel</i> , 2014, 125, 57-65.	3.4	27
3	Liquid-Liquid Equilibrium for the Glycerol + Alcohol + Coconut Biodiesel System at Different Temperatures and Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 3557-3562.	1.0	22
4	Development of a New Group Contribution Method Based on GCVOL Model for the Estimation of Pure Ionic Liquid Density over a Wide Range of Temperature and Pressure. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 9506-9512.	1.8	19
5	Evaluation of Optimal Methods for Critical Properties and Acentric Factor of Biodiesel Compounds with Their Application on Soave-Redlich-Kwong and Peng-Robinson Equations of State. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 3358-3381.	1.0	13
6	Estimation of Vapor Pressures and Enthalpies of Vaporization of Biodiesel-Related Fatty Acid Alkyl Esters. Part 1. Evaluation of Group Contribution and Corresponding States Methods. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2298-2309.	1.8	13
7	Estimation of Physical Constants of Biodiesel-Related Fatty Acid Alkyl Esters: Normal Boiling Point, Critical Temperature, Critical Pressure, and Acentric Factor. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 8552-8565.	1.8	13
8	Liquid-Liquid Equilibrium for Cottonseed Biodiesel + Water + Alcohol (Methanol/Ethanol) Systems at (293.15 and 313.15) K: Experimental Data and Thermodynamic Modeling. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 707-713.	1.0	7
9	Estimation of Vapor Pressures and Enthalpies of Vaporization of Biodiesel-Related Fatty Acid Alkyl Esters. Part 2. New Parameters for Classic Vapor Pressure Correlations. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 8349-8357.	1.8	4
10	Estimation of the Density of Ionic Liquids over a Wide Temperature and Pressure Range: A Detailed Comparison between the Group Contribution Models Available in the Literature. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 5340-5350.	1.8	2