Nathan S Evangelista

List of Publications by Year
in descending order

10 papers	159 citations	1307366 7 h-index	1372474 10 g-index
10 all docs	10 docs citations	10 times ranked	147 citing authors

#	Article	IF	Citations
1	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. Industrial & Engineering Chemistry Research, 2022, 61, 5340-5350.	1.8	2
2	Estimation of Physical Constants of Biodiesel-Related Fatty Acid Alkyl Esters: Normal Boiling Point, Critical Temperature, Critical Pressure, and Acentric Factor. Industrial & Engineering Chemistry Research, 2018, 57, 8552-8565.	1.8	13
3	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. Industrial & Engineering Chemistry Research, 2017, 56, 2298-2309.	1.8	13
4	Estimation of Vapor Pressures and Enthalpies of Vaporization of Biodiesel-Related Fatty Acid Alkyl Esters. Part 2. New Parameters for Classic Vapor Pressure Correlations. Industrial & Engineering Chemistry Research, 2017, 56, 8349-8357.	1.8	4
5	Liquidâ€“Liquid Equilibrium for Cottonseed Biodiesel + Water + Alcohol (Methanol/Ethanol) Systems at (293.15 and 313.15) K: Experimental Data and Thermodynamic Modeling. Journal of Chemical & Engineering Data, 2015, 60, 707-713.	1.0	7
6	Evaluation of Optimal Methods for Critical Properties and Acentric Factor of Biodiesel Compounds with Their Application on Soaveâ€“Redlichâ€“Kwong and Pengâ€“Robinson Equations of State. Journal of Chemical & Engineering Data, 2015, 60, 3358-3381.	1.0	13
7	Evaluation of optimal activity coefficient models for modeling and simulation of liquidâ€“liquid equilibrium of biodiesel+glycerol+alcohol systems. Fuel, 2014, 125, 57-65.	3.4	27
8	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. Industrial & Engineering Chemistry Research, 2014, 53, 9506-9512.	1.8	19
9	Liquidâ€“Liquid Equilibrium for the Glycerol + Alcohol + Coconut Biodiesel System at Different Temperatures and Atmospheric Pressure. Journal of Chemical & Engineering Data, 2012, 57, 3557-3562.	1.0	22
10	Liquidâ€“Liquid Equilibrium for Ternary Mixtures of Biodiesel (Soybean or Sunflower) + Glycerol + Ethanol at Different Temperatures. Journal of Chemical & Engineering Data, 2011, 56, 4061-4067.	1.0	39