Frances D Lenahan

List of Publications by Year
in descending order

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9 papers	131 citations	1307594 7 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	63 citing authors

#	Article	IF	Citations
1	Diffusivities in Binary Mixtures of n-Decane, n-Hexadecane, n-Octacosane, 2-Methylpentane, 2,2-Dimethylbutane, Cyclohexane, Benzene, Ethanol, 1-Decanol, Ethyl Butanoate, or n-Hexanoic Acid with Dissolved He or Kr Close to Infinite Dilution. Journal of Chemical & Engineering Data, 2022, 67, 622-635.	1.9	12
2	Viscosity and Interfacial Tension of Binary Mixtures Consisting of Linear, Branched, Cyclic, or Oxygenated Hydrocarbons with Dissolved Gases Using Surface Light Scattering and Equilibrium Molecular Dynamics Simulations. International Journal of Thermophysics, 2022, 43, 1.	2.1	9
3	Viscosity and Interfacial Tension of Binary Mixtures Consisting of an n-Alkane, Branched Alkane, Primary Alcohol, or Branched Alcohol and a Dissolved Gas Using Equilibrium Molecular Dynamics Simulations. International Journal of Thermophysics, 2022, 43, .	2.1	2
4	Viscosity and Interfacial Tension of Ternary Mixtures Consisting of Linear Alkanes, Alcohols, and/or Dissolved Gases Using Surface Light Scattering and Equilibrium Molecular Dynamics Simulations. International Journal of Thermophysics, 2022, 43, .	2.1	2
5	Diffusivities in Binary Mixtures of n-Hexane or 1-Hexanol with Dissolved CH₄, Ne, Kr, R143a, SF₆, or R236fa Close to Infinite Dilution. Journal of Chemical & Engineering Data, 2021, 66, 2218-2232.	1.9	14
6	Viscosity, Interfacial Tension, and Density of Binary-Liquid Mixtures of n-Hexadecane with n-Octacosane, 2,2,4,4,6,8,8-Heptamethylnonane, or 1-Hexadecanol at Temperatures between 298.15 and 573.15 K by Surface Light Scattering and Equilibrium Molecular Dynamics Simulations. Journal of Chemical & Engineering Data, 2021, 66, 2264-2280.	1.9	12
7	Viscosity and Interfacial Tension of Binary Mixtures of n-Hexadecane with Dissolved Gases Using Surface Light Scattering and Equilibrium Molecular Dynamics Simulations. Journal of Chemical & Engineering Data, 2021, 66, 3205-3218.	1.9	17
8	Surface Tension and Viscosity of Binary Mixtures of the Fluorinated and Non-fluorinated Ionic Liquids [PFBMIm][PF6] and [C4C1Im][PF6] by the Pendant Drop Method and Surface Light Scattering. International Journal of Thermophysics, 2020, 41, 1.	2.1	17
9	Characterization of Long Linear and Branched Alkanes and Alcohols for Temperatures up to 573.15 K by Surface Light Scattering and Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2020, 124, 4146-4163.	2.6	46