

Frances D Lenahan

List of Publications by Year in descending order

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9
papers

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1307594

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1474206

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citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Long Linear and Branched Alkanes and Alcohols for Temperatures up to 573.15 K by Surface Light Scattering and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4146-4163.	2.6	46
2	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. <i>International Journal of Thermophysics</i> , 2020, 41, 1.	2.1	17
3	Viscosity and Interfacial Tension of Binary Mixtures of <i>n</i> -Hexadecane with Dissolved Gases Using Surface Light Scattering and Equilibrium Molecular Dynamics Simulations. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 3205-3218.	1.9	17
4	Diffusivities in Binary Mixtures of <i>n</i> -Hexane or 1-Hexanol with Dissolved CH ₄ , Ne, Kr, R143a, SF ₆ , or R236fa Close to Infinite Dilution. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 2218-2232.	1.9	14
5	Viscosity, Interfacial Tension, and Density of Binary-Liquid Mixtures of <i>n</i> -Hexadecane with <i>n</i> -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. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 2264-2280.	1.9	12
6	Diffusivities in Binary Mixtures of <i>n</i> -Decane, <i>n</i> -Hexadecane, <i>n</i> -Octacosane, 2-Methylpentane, 2,2-Dimethylbutane, Cyclohexane, Benzene, Ethanol, 1-Decanol, Ethyl Butanoate, or <i>n</i> -Hexanoic Acid with Dissolved He or Kr Close to Infinite Dilution. <i>Journal of Chemical & Engineering Data</i> , 2022, 67, 622-635.	1.9	12
7	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. <i>International Journal of Thermophysics</i> , 2022, 43, 1.	2.1	9
8	Viscosity and Interfacial Tension of Binary Mixtures Consisting of an <i>n</i> -Alkane, Branched Alkane, Primary Alcohol, or Branched Alcohol and a Dissolved Gas Using Equilibrium Molecular Dynamics Simulations. <i>International Journal of Thermophysics</i> , 2022, 43, .	2.1	2
9	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. <i>International Journal of Thermophysics</i> , 2022, 43, .	2.1	2