

Donald T. Jacobs

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PUBLICATIONS (*-undergraduate student co-author)

1. L.V. Dumancas*, D.E. Simpson*, and D.T. Jacobs, "Heat capacity anomaly in a self-aggregating system: Triblock copolymer 17R4 in water", **J. Chem. Phys.** 142, 174902 (2015).
2. Donald T. Jacobs, "Resource Letter: Self-Organizing Physics" **American Journal of Physics** 83, 680-687 (2015).
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4. Hosanna Odhner* and D.T. Jacobs, "Refractive index of liquid D₂O for visible wavelengths", **J. Chem. & Engin. Data** 57, 166-168 (2012).
5. Alison Huff*, Kelly Patton*, Hosanna Odhner*, D.T. Jacobs, Bryna Clover, and S. C. Greer, "Micellization and phase separation for triblock copolymer 17R4 in H₂O and D₂O", **Langmuir** 27, 1707-1712 (2011).
6. Nathan J. Utt*, S.Y. Lehman, and D.T. Jacobs, "Heat capacity of the liquid-liquid mixture nitrobenzene and dodecane near the critical point", **J. Chem. Phys.** 127, 104505 (2007).
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11. Clinton I. Braganza* and D.T. Jacobs, "Turbidity of the Liquid-Liquid Mixture Perfluoroheptane and 2,2,4-Trimethylpentane Near the Critical Point" **J. Chem. Phys.** 117, 9876-9879 (2002).

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13. Krishna Pendyala, S.C. Greer, and D.T. Jacobs, "Poly(α -methylstyrene) in methylcyclohexane: densities and viscosities near the liquid-liquid critical point" **J. Chem. Phys.** 115, 9995-10000 (2001).
14. A.W. Nowicki*, Madhujit Ghosh*, S.M. McClellan*, and D.T. Jacobs, "Heat Capacity and Turbidity Near the Critical Point of Succinonitrile-Water" **J. Chem. Phys.** 114, 4625-4633 (2001).
15. Krishna Pendyala, Xiangyun Gu, Kevin P. Andrews, Karen Gruner, D.T. Jacobs, and S.C. Greer, "Living Poly(α -methylstyrene) near the polymerization line: VIII. mass density, viscosity, and surface tension in tetrahydrofuran" **J. Chem. Phys.** 114, 4312-4322 (2001).
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