Aaron J Rowane

List of Publications by Year
in descending order

14 papers	130 citations	1477746 6 h-index	1281420 11 g-index
14 all docs	14 docs citations	14 times ranked	81 citing authors

#	Article	IF	Citations
1	Effect of Composition, Temperature, and Pressure on the Viscosities and Densities of Three Diesel Fuels. Journal of Chemical & Engineering Data, 2019, 64, 5529-5547.	1.0	26
2	High-Temperature, High-Pressure Viscosities and Densities of n-Hexadecane, 2,2,4,4,6,8,8-Heptamethylnonane, and Squalane Measured Using a Universal Calibration for a Rolling-Ball Viscometer/Densimeter. Industrial & Engineering Chemistry Research, 2019, 58, 4303-4316.	1.8	15
3	Fluid properties at high pressures and temperatures: Experimental and modelling challenges. Journal of Supercritical Fluids, 2018, 134, 33-40.	1.6	14
4	Bubble Point Measurements of Mixtures of HFO and HFC Refrigerants. Journal of Chemical & Engineering Data, 2021, 66, 4670-4683.	1.0	11
5	High-temperature, high-pressure viscosities and densities of toluene. Journal of Chemical Thermodynamics, 2017, 115, 34-46.	1.0	8
6	Vapor-liquid equilibria and mixture densities for 2,2,4,4,6,8,8-heptamethylnonaneÂ+ N2 and n-hexadecaneÂ+ N2 binary mixtures up to 535â€¯K and 135â€¯MPa. Fluid Phase Equilibria, 2020, 506, 112378.	1.4	8
7	Experimental and modeling investigations of the interfacial tension of three different dieselÂ+Ânitrogen mixtures at high pressures and temperatures. Fuel, 2020, 280, 118543.	3.4	8
8	Experimental and modeling investigations of the phase behavior and densities of dieselÂ+Ânitrogen mixtures. Fuel, 2020, 265, 117027.	3.4	8
9	Interfacial Tension of Isomers n-Hexadecane and 2,2,4,4,6,8,8-Heptamethylnonane with Nitrogen at High Pressures and Temperatures. Industrial & Engineering Chemistry Research, 2020, 59, 9293-9299.	1.8	8
10	Speed of Sound Measurements of Binary Mixtures of Difluoromethane (R-32) with 2,3,3,3-Tetrafluoropropene (R-1234yf) or trans-1,3,3,3-Tetrafluoropropene (R-1234ze(E)) Refrigerants. International Journal of Thermophysics, 2022, 43, 1.	1.0	7
11	Speed of Sound Measurements of Binary Mixtures of 1,1,1,2-Tetrafluoroethane (R-134a), 2,3,3,3-Tetrafluoropropene (R-1234yf), and trans-1,3,3,3-Tetrafluoropropene (R-1234ze(E)) Refrigerants. Journal of Chemical & Engineering Data, 2022, 67, 1365-1377.	1.0	7
12	Bubble Point Measurements of Three Binary Mixtures of Refrigerants: R-32/1234yf, R-32/1234ze(E), and R-1132a/1234yf. Journal of Chemical & Engineering Data, 2022, 67, 932-940.	1.0	5
13	Speed of Sound Measurements of Binary Mixtures of Hydrofluorocarbons [Pentafluoroethane (R-125), 1,1-Difluoroethane (R-152a), or 1,1,1,2,3,3,3-Heptafluoropropane (R-227ea)] with Hydrofluoroolefins [2,3,3,3-Tetrafluoropropene (R-1234yf) or trans-1,3,3,3-Tetrafluoropropene (R-1234ze(E))]. International Journal of Thermophysics, 2022, 43, .	1.0	3
14	Mixture densities and viscosities of toluene with ethylene or propylene at temperatures to 530â€¯K and pressures to 70â€¯MPa. Fluid Phase Equilibria, 2019, 498, 122-131.	1.4	2