

# Aaron J Rowane

## List of Publications by Year in descending order

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14  
papers

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>International Journal of Thermophysics</i> , 2022, 43, 1.	1.0	7
2	Bubble Point Measurements of Three Binary Mixtures of Refrigerants: R-32/1234yf, R-32/1234ze(E), and R-1132a/1234yf. <i>Journal of Chemical &amp; Engineering Data</i> , 2022, 67, 932-940.	1.0	5
3	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. <i>Journal of Chemical &amp; Engineering Data</i> , 2022, 67, 1365-1377.	1.0	7
4	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))]. <i>International Journal of Thermophysics</i> , 2022, 43, .	1.0	3
5	Bubble Point Measurements of Mixtures of HFO and HFC Refrigerants. <i>Journal of Chemical &amp; Engineering Data</i> , 2021, 66, 4670-4683.	1.0	11
6	Vapor-liquid equilibria and mixture densities for 2,2,4,4,6,8,8-heptamethylnonane + N <sub>2</sub> and n-hexadecane + N <sub>2</sub> binary mixtures up to 535 K and 135 MPa. <i>Fluid Phase Equilibria</i> , 2020, 506, 112378.	1.4	8
7	Experimental and modeling investigations of the interfacial tension of three different diesel + nitrogen mixtures at high pressures and temperatures. <i>Fuel</i> , 2020, 280, 118543.	3.4	8
8	Experimental and modeling investigations of the phase behavior and densities of diesel + nitrogen mixtures. <i>Fuel</i> , 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. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 9293-9299.	1.8	8
10	Mixture densities and viscosities of toluene with ethylene or propylene at temperatures to 530 K and pressures to 70 MPa. <i>Fluid Phase Equilibria</i> , 2019, 498, 122-131.	1.4	2
11	Effect of Composition, Temperature, and Pressure on the Viscosities and Densities of Three Diesel Fuels. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 5529-5547.	1.0	26
12	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. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 4303-4316.	1.8	15
13	Fluid properties at high pressures and temperatures: Experimental and modelling challenges. <i>Journal of Supercritical Fluids</i> , 2018, 134, 33-40.	1.6	14
14	High-temperature, high-pressure viscosities and densities of toluene. <i>Journal of Chemical Thermodynamics</i> , 2017, 115, 34-46.	1.0	8