

Xiong Xiao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermodynamic properties of hydrofluoroolefin (R1234yf and R1234ze(E)) refrigerant mixtures: Density, vapour-liquid equilibrium, and heat capacity data and modelling. International Journal of Refrigeration, 2019, 98, 249-260.	1.8	58
2	Entropy Scaling of Viscosity III: Application to Refrigerants and Their Mixtures. Journal of Chemical & Engineering Data, 2021, 66, 1385-1398.	1.0	41
3	Measurement and modelling of the thermodynamic properties of carbon dioxide mixtures with HFO-1234yf, HFC-125, HFC-134a, and HFC-32: vapour-liquid equilibrium, density, and heat capacity. International Journal of Refrigeration, 2020, 118, 514-528.	1.8	33
4	Thermal conductivity measurements of refrigerant mixtures containing hydrofluorocarbons (HFC-32,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Thermodynamics, 2020, 151, 106248.	1.0	20
5	Viscosity Measurements of Binary and Multicomponent Refrigerant Mixtures Containing HFC-32, HFC-125, HFC-134a, HFO-1234yf, and CO ₂ . Journal of Chemical & Engineering Data, 2020, 65, 4252-4262.	1.0	19
6	Isobaric heat capacity measurements of natural gas model mixtures (methane+heptane) and (propane+heptane) by differential scanning calorimetry at temperatures from 313ÅK to 422ÅK and pressures up to 31ÅMPa. Fuel, 2021, 296, 120668.	3.4	9
7	Reliable prediction of aqueous dew points in CO2 pipelines and new approaches for control during shut-in. International Journal of Greenhouse Gas Control, 2018, 70, 97-104.	2.3	8
8	Wide-Ranging Reference Correlations for Dilute Gas Transport Properties Based on Ab Initio Calculations and Viscosity Ratio Measurements. Journal of Physical and Chemical Reference Data, 2020, 49, 013101.	1.9	7
9	Isobaric heat capacities of a methane (1)+propane (2) mixture by differential scanning calorimetry at near-critical and supercritical conditions. Fuel, 2021, 289, 119840.	3.4	7
10	High pressure viscosity measurements of ternary (methane + propane + heptane) mixtures. Fuel Processing Technology, 2021, 223, 106984.	3.7	7
11	Equation of State for Solid Benzene Valid for Temperatures up to 470 K and Pressures up to 1800 MPa. Journal of Physical and Chemical Reference Data, 2021, 50, .	1.9	4
12	High-Pressure Melting Temperature Measurements in Mixtures Relevant to Liquefied Natural Gas Production and Comparisons with Model Predictions. Journal of Chemical & Engineering Data, 2021, 66, 4103-4111.	1.0	2
13	Isobaric heat capacity measurements on ternary mixtures of natural gas components methane, propane and n-heptane by differential scanning calorimetry at temperatures from 197ÅK to 422ÅK and pressures up to 32ÅMPa. Fuel, 2022, 308, 121904.	3.4	2