

Xiong Xiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/271876/publications.pdf>

Version: 2024-02-01

13
papers

225
citations

1307594

7
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.4	2
2	Isobaric heat capacities of a methane (1)Å+Åpropane (2) mixture by differential scanning calorimetry at near-critical and supercritical conditions. Fuel, 2021, 289, 119840.	6.4	7
3	Entropy Scaling of ViscosityÅ”III: Application to Refrigerants and Their Mixtures. Journal of Chemical & Engineering Data, 2021, 66, 1385-1398.	1.9	41
4	Isobaric heat capacity measurements of natural gas model mixtures (methaneÅ+Ån-heptane) and (propaneÅ+Ån-heptane) by differential scanning calorimetry at temperatures from 313ÅK to 422ÅK and pressures up to 31ÅMPa. Fuel, 2021, 296, 120668.	6.4	9
5	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.	1.9	2
6	High pressure viscosity measurements of ternary (methane + propane + heptane) mixtures. Fuel Processing Technology, 2021, 223, 106984.	7.2	7
7	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, .	4.2	4
8	Thermal conductivity measurements of refrigerant mixtures containing hydrofluorocarbons (HFC-32,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Thermodynamics, 2020, 151, 106248.	2.0	20
9	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.	3.4	33
10	Viscosity Measurements of Binary and Multicomponent Refrigerant Mixtures Containing HFC-32, HFC-125, HFC-134a, HFO-1234yf, and CO₂. Journal of Chemical & Engineering Data, 2020, 65, 4252-4262.	1.9	19
11	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.	4.2	7
12	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.	3.4	58
13	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.	4.6	8