

Daniel Lozano-Martín

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3489927/publications.pdf>

Version: 2024-02-01

16
papers

125
citations

1477746

6
h-index

1281420

11
g-index

16
all docs

16
docs citations

16
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	[C ₂ mim][CH ₃ SO ₃] ⁺ A Suitable New Heat Transfer Fluid? Part 2: Thermophysical Properties of Its Mixtures with Water. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 2280-2305.	1.8	3
2	Speed of sound data and acoustic virial coefficients of two binary (N ₂ +H ₂) mixtures at temperatures between (260 and 350) K and at pressures between (0.5 and 20) MPa. <i>Journal of Chemical Thermodynamics</i> , 2022, 171, 106791.	1.0	4
3	Thermodynamic characterization of the (CO ₂ + O ₂) binary system for the development of models for CCS processes: Accurate experimental (p, \bar{V} ; T) data and virial coefficients. <i>Journal of Supercritical Fluids</i> , 2021, 169, 105074.	1.6	5
4	Speed of sound data, derived perfect-gas heat capacities, and acoustic virial coefficients of a calibration standard natural gas mixture and a low-calorific H ₂ -enriched mixture. <i>Journal of Chemical Thermodynamics</i> , 2021, 158, 106434.	1.0	1
5	Speed of sound and phase equilibria for (CO ₂ +C ₃ H ₈) mixtures. <i>Journal of Chemical Thermodynamics</i> , 2021, 158, 106464.	1.0	2
6	Speed of sound for three binary (CH ₄ +H ₂) mixtures from p=0.5 up to 20) MPa at T=(273.16 to 375) K. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 4765-4783.	3.8	8
7	Determination of the force transmission error in a single-sinker magnetic suspension densimeter due to the fluid-specific effect and its correction for use with gas mixtures containing oxygen. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 151, 107176.	2.5	5
8	Thermal Conductivity of Metastable Ionic Liquid [C ₂ mim][CH ₃ SO ₃]. <i>Molecules</i> , 2020, 25, 4290.	1.7	16
9	Accurate experimental (p, \bar{V} ; T) data of the (CO ₂ +O ₂) binary system for the development of models for CCS processes. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106210.	1.0	4
10	Speeds of sound for (CH ₄ +He) mixtures from p=(0.5 to 20) MPa at T=(273.16 to 375) K. <i>Journal of Chemical Thermodynamics</i> , 2019, 139, 105869.	1.0	5
11	A novel technique based in a cylindrical microwave resonator for high pressure phase equilibrium determination. <i>Journal of Chemical Thermodynamics</i> , 2019, 135, 124-132.	1.0	5
12	Speed of sound in gaseous cis-1,3,3,3-tetrafluoropropene (R1234ze(Z)) between 307 K and 420 K. <i>International Journal of Refrigeration</i> , 2019, 100, 37-47.	1.8	6
13	Accurate experimental (p, \bar{V} ; T) data of natural gas mixtures for the assessment of reference equations of state when dealing with hydrogen-enriched natural gas. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 21983-21998.	3.8	12
14	Updated determination of the molar gas constant R by acoustic measurements in argon at UVa-CEM. <i>Metrologia</i> , 2017, 54, 663-673.	0.6	18
15	Speeds of sound for a biogas mixture CH ₄ + N ₂ + CO ₂ + CO from p = (1–12) MPa at T = (273, 300 and 325) K measured with a spherical resonator. <i>Journal of Chemical Thermodynamics</i> , 2016, 102, 348-356.	1.0	11
16	Volumetric behaviour of (carbon dioxide + hydrocarbon) mixtures at high pressures. <i>Journal of Supercritical Fluids</i> , 2016, 110, 103-109.	1.6	20