

Pezhman Ahmadi

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

176
citations

1683354

5
h-index

1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant Barocaloric Effect at the Spin Crossover Transition of a Molecular Crystal. <i>Advanced Materials</i> , 2019, 31, e1807334.	11.1	75
2	Density, speed of sound and derived thermodynamic properties of a synthetic natural gas. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 40, 249-266.	2.1	40
3	CO ₂ solubility in formation water under sequestration conditions. <i>Fluid Phase Equilibria</i> , 2018, 463, 80-90.	1.4	25
4	Measurements and Modeling of High-Pressure O ₂ and CO ₂ Solubility in Brine (H ₂ O + NaCl) between 303 and 373 K and Pressures up to 36 MPa. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 609-620.	1.0	12
5	Thermophysical Properties of Typical CCUS Fluids: Experimental and Modeling Investigation of Density. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 116-129.	1.0	8
6	Elemental mercury partitioning in high pressure fluids part 1: Literature review and measurements in single components. <i>Fluid Phase Equilibria</i> , 2020, 520, 112660.	1.4	5
7	Vapour-liquid equilibrium data for the carbon dioxide (CO ₂) + carbon monoxide (CO) system. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106180.	1.0	5
8	Density, Speed of Sound, and Other Derived Properties of Ethanol at Pressures up to 65 MPa. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 2486-2499.	1.0	4
9	Elemental mercury partitioning in high pressure fluids part 2: Model validations and measurements in multicomponent systems. <i>Fluid Phase Equilibria</i> , 2020, 523, 112773.	1.4	2