

Hongqin Liu

List of Publications by Year in descending order

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9
papers

353
citations

1307366
7
h-index

1588896
8
g-index

10
all docs

10
docs citations

10
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Unified approach to the self-diffusion coefficients of dense fluids over wide ranges of temperature and pressure—hard-sphere, square-well, Lennard-Jones and real substances. <i>Chemical Engineering Science</i> , 1998, 53, 2403-2422.	1.9	115
2	Self-Diffusion in Gases and Liquids. <i>Industrial & Engineering Chemistry Research</i> , 1997, 36, 3927-3936.	1.8	75
3	Generalised free-volume theory for transport properties and new trends about the relationship between free volume and equations of state. <i>Fluid Phase Equilibria</i> , 2002, 202, 89-107.	1.4	54
4	Predicting the Diffusion Coefficients in Supercritical Fluids. <i>Industrial & Engineering Chemistry Research</i> , 1997, 36, 888-895.	1.8	41
5	A Predictive Equation for the Tracer Diffusion of Various Solutes in Gases, Supercritical Fluids, and Liquids. <i>Industrial & Engineering Chemistry Research</i> , 1997, 36, 5488-5500.	1.8	32
6	Aggregation of Hydrocarbons in Dilute Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 1998, 102, 1005-1012.	1.2	24
7	Carnahan-Starling type equations of state for stable hard disk and hard sphere fluids. <i>Molecular Physics</i> , 2021, 119, e1886364.	0.8	10
8	Free volume power law for transport properties of hard sphere fluid. <i>Journal of Applied Physics</i> , 2021, 129, 044701.	1.1	1
9	Global equation of state and the phase transitions of the hard disc system. <i>Molecular Physics</i> , 2021, 119, e1905897.	0.8	0