

Farzad Alavi

List of Publications by Year in descending order

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11
papers

153
citations

1307594

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1281871

11
g-index

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all docs

11
docs citations

11
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of gas hydrate formation condition in the presence of thermodynamic inhibitors with the Elliott-Suresh-Donohue Equation of State. <i>Journal of Petroleum Science and Engineering</i> , 2011, 77, 93-103.	4.2	53
2	Simplified local density model for adsorption of pure gases on activated carbon using Sutherland and Kihara potentials. <i>Microporous and Mesoporous Materials</i> , 2010, 136, 1-9.	4.4	23
3	Solubility of light reservoir gasses in water by the modified Peng-Robinson plus association equation of state using experimental critical properties for pure water. <i>Journal of Petroleum Science and Engineering</i> , 2011, 78, 109-118.	4.2	14
4	Crossover Peng-Robinson equation of state with introduction of a new expression for the crossover function. <i>Fluid Phase Equilibria</i> , 2010, 293, 251-260.	2.5	11
5	A new perturbed-chain equation of state for square-well chains in fluid and solid phases. <i>Journal of Chemical Physics</i> , 2013, 139, 074104.	3.0	10
6	An equation of state contribution for dipolar and quadrupolar square-well fluids. <i>Molecular Physics</i> , 2008, 106, 161-174.	1.7	8
7	Second-Order Thermodynamic Derivative Properties of Ionic Liquids from ePC-SAFT: The Effect of Partial Ionic Dissociation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 22408-22417.	3.7	8
8	Extension of the Elliott-Suresh-Donohue Equation of State to Dipolar Systems. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 5035-5045.	3.7	7
9	The equation of state of flexible chains of tangent hard spheres at high-density region from simulation and thermodynamic perturbation theory. <i>Journal of Chemical Physics</i> , 2013, 138, 024903.	3.0	7
10	Prediction of water content of natural gases using the PC-SAFT equation of state. <i>Fluid Phase Equilibria</i> , 2017, 453, 40-45.	2.5	7
11	Solid-liquid equilibrium of n-alkanes using Global-TPT2 equation of state. <i>Fluid Phase Equilibria</i> , 2016, 427, 72-81.	2.5	5