

Ahmadreza F Ghobadi

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Understanding of CO ₂ –Water Pretreatment of Guayule Biomass by High Solids Ratio Experiments, Rapid Physical Expansion, and Examination of Textural Properties. Industrial & Engineering Chemistry Research, 2017, 56, 645-652.	3.7	13
2	A simple extrapolation of thermodynamic perturbation theory to infinite order. Journal of Chemical Physics, 2015, 143, 114107.	3.0	15
3	Adapting SAFT- $\hat{\Gamma}^3$ perturbation theory to site-based molecular dynamics simulation. II. Confined fluids and vapor-liquid interfaces. Journal of Chemical Physics, 2014, 141, 024708.	3.0	11
4	Adapting SAFT- $\hat{\Gamma}^3$ perturbation theory to site-based molecular dynamics simulation. III. Molecules with partial charges at bulk phases, confined geometries and interfaces. Journal of Chemical Physics, 2014, 141, 094708.	3.0	6
5	Renormalization Group Adaptation to Equations of State From Molecular Simulation. Industrial & Engineering Chemistry Research, 2013, 52, 7030-7043.	3.7	5
6	Adapting SAFT- $\hat{\Gamma}^3$ perturbation theory to site-based molecular dynamics simulation. I. Homogeneous fluids. Journal of Chemical Physics, 2013, 139, 234104.	3.0	30
7	The Wolf method applied to the type I methane and carbon dioxide gas hydrates. Journal of Molecular Graphics and Modelling, 2012, 38, 455-464.	2.4	5
8	Investigation on the Solubility of SO ₂ and CO ₂ in Imidazolium-Based Ionic Liquids Using NPT Monte Carlo Simulation. Journal of Physical Chemistry B, 2011, 115, 13599-13607.	2.6	66
9	Evaluating perturbation contributions in SAFT models by comparing to molecular simulation of n-alkanes. Fluid Phase Equilibria, 2011, 306, 57-66.	2.5	15