Ahmadreza F Ghobadi

List of Publications by Year
in descending order

9 papers	166 citations	1478458 6 h-index	1474186 9 g-index
9 all docs	9 docs citations	9 times ranked	229 citing authors

#	Article	IF	Citations
1	Improved Understanding of CO₂â€“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-Î³ 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-Î³ 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-Î³ 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 SO₂ and CO₂ 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