

Deepti Ballal

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

185
citations

1307594

7
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophobic and hydrophilic interactions in aqueous mixtures of alcohols at a hydrophobic surface. Journal of Chemical Physics, 2013, 139, 114706.	3.0	51
2	Wertheim's association theory applied to one site patchy colloids: Beyond the single bonding condition. Journal of Chemical Physics, 2012, 137, 104909.	3.0	37
3	Isolating the non-polar contributions to the intermolecular potential for water-alkane interactions. Journal of Chemical Physics, 2014, 141, 064905.	3.0	26
4	Examining the Consistency of Water Content Data in Alkanes Using the Perturbed-Chain Form of the Statistical Associating Fluid Theory Equation of State. Journal of Chemical & Engineering Data, 2014, 59, 1016-1023.	1.9	16
5	Insights into Associating Fluid Properties and Microstructure from Classical Density Functional Theory. Journal of Statistical Physics, 2011, 145, 467-480.	1.2	14
6	Modeling the interfacial properties of Poly(Ethylene oxide-Co-Propylene oxide) polymers at water-toluene interface. Fluid Phase Equilibria, 2016, 427, 209-218.	2.5	9
7	Competition between Intra- and Intermolecular Association of Chain Molecules with Water-like Solvent. Journal of Physical Chemistry B, 2015, 119, 6792-6802.	2.6	7
8	Response to "Comment on "Isolating the non-polar contributions to the intermolecular potential for water-alkane interactions" [J. Chem. Phys. 144, 137101 (2016)]. Journal of Chemical Physics, 2016, 144, 137102.	3.0	7
9	Electrostatic and induction effects in the solubility of water in alkanes. Journal of Chemical Physics, 2017, 147, 074506.	3.0	5
10	Studying vapor-liquid transition using a generalized ensemble. Journal of Chemical Physics, 2019, 151, 134108.	3.0	3
11	Combination of monovalent and divalent sites on an associating species: Application to water. AIChE Journal, 2021, 67, e17146.	3.6	3