

Sayee Prasaad Balaji

List of Publications by Year in descending order

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9
papers

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citations

1163117

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306
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubility of the Precombustion Gases CO ₂ , CH ₄ , CO, H ₂ , N ₂ , and H ₂ S in the Ionic Liquid [bmim][Tf ₂ N] from Monte Carlo Simulations. Journal of Physical Chemistry C, 2014, 118, 23599-23604.	3.1	67
2	A Comparison of Advanced Monte Carlo Methods for Open Systems: CFCMC vs CBMC. Journal of Chemical Theory and Computation, 2014, 10, 942-952.	5.3	60
3	Solubilities of CO ₂ , CH ₄ , C ₂ H ₆ , and SO ₂ in ionic liquids and Selexol from Monte Carlo simulations. Journal of Computational Science, 2016, 15, 74-80.	2.9	31
4	Simulating the Reactions of CO ₂ in Aqueous Monoethanolamine Solution by Reaction Ensemble Monte Carlo Using the Continuous Fractional Component Method. Journal of Chemical Theory and Computation, 2015, 11, 2661-2669.	5.3	30
5	Validation of the CO ₂ /N ₂ O Analogy Using Molecular Simulation. Industrial & Engineering Chemistry Research, 2014, 53, 18081-18090.	3.7	28
6	Solubility of Natural Gas Species in Ionic Liquids and Commercial Solvents: Experiments and Monte Carlo Simulations. Journal of Chemical & Engineering Data, 2015, 60, 3039-3045.	1.9	26
7	A direct method for calculating thermodynamic factors for liquid mixtures using the Permuted Widom test particle insertion method. Molecular Physics, 2013, 111, 287-296.	1.7	18
8	Computing bubble-points of CO ₂ /CH ₄ gas mixtures in ionic liquids from Monte Carlo simulations. Fluid Phase Equilibria, 2016, 418, 100-107.	2.5	9
9	Calculating thermodynamic factors of ternary and multicomponent mixtures using the Permuted Widom test particle insertion method. Theoretical Chemistry Accounts, 2013, 132, 1.	1.4	7