

# Shekhar Jain

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11479786/publications.pdf>

Version: 2024-02-01

9  
papers

343  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified interfacial statistical associating fluid theory: A perturbation density functional theory for inhomogeneous complex fluids. <i>Journal of Chemical Physics</i> , 2007, 127, 244904.	3.0	126
2	Method of Moments for Computational Microemulsion Analysis and Prediction in Tertiary Oil Recovery. <i>Langmuir</i> , 2013, 29, 2136-2151.	3.5	50
3	Modified interfacial statistical associating fluid theory: Application to tethered polymer chains. <i>Journal of Chemical Physics</i> , 2008, 128, 154910.	3.0	42
4	Microstructure and depletion forces in polymer-colloid mixtures from an interfacial statistical associating fluid theory. <i>Journal of Chemical Physics</i> , 2008, 128, 164910.	3.0	39
5	Modeling polymer-induced interactions between two grafted surfaces: Comparison between interfacial statistical associating fluid theory and self-consistent field theory. <i>Journal of Chemical Physics</i> , 2009, 131, 044908.	3.0	39
6	Effect of confinement on the ordering of symmetric diblock copolymers: application of interfacial statistical associating fluid theory. <i>Molecular Physics</i> , 2009, 107, 1-17.	1.7	25
7	New Equation of State for Polymer Solutions Based on the Statistical Associating Fluid Theory (SAFT)â”Dimer Equation for Hard-Chain Molecules. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 5766-5774.	3.7	14
8	Accelerated Surfactant Selection for EOR Using Computational Methods. , 2013, , .		5
9	Application of Mesoscale Field-Based Models to Predict Stability of Particle Dispersions in Polymer Melts. <i>Advances in Chemical Engineering</i> , 2010, 39, 131-164.	0.9	3