

Vadim B Warshavsky

List of Publications by Year in descending order

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11
papers

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citations

1478505

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1281871

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11
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculations of free energies in liquid and solid phases: Fundamental measure density-functional approach. <i>Physical Review E</i> , 2004, 69, 061113.	2.1	27
2	Fundamental-measure density functional theory study of the crystal-melt interface of the hard sphere system. <i>Physical Review E</i> , 2006, 73, 031110.	2.1	20
3	Fundamental measure density functional theory studies on the freezing of binary hard-sphere and Lennard-Jones mixtures. <i>Journal of Chemical Physics</i> , 2008, 129, 034506.	3.0	18
4	Polar-solvation classical density-functional theory for electrolyte aqueous solutions near a wall. <i>Physical Review E</i> , 2016, 93, 042607.	2.1	17
5	Phase diagrams of binary alloys calculated from a density functional theory. <i>Physical Review B</i> , 2009, 79, .	3.2	12
6	Perturbation theory for solid-liquid interfacial free energies. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 364112.	1.8	7
7	Perturbation theory of solid-liquid interfacial free energies of bcc metals. <i>Physical Review E</i> , 2012, 86, 031602.	2.1	6
8	On the mechanical stability of the body-centered cubic phase and the emergence of a metastable c16 phase in classical hard sphere solids. <i>Journal of Chemical Physics</i> , 2018, 148, 024502.	3.0	6
9	Theoretical studies of the correlations in moderately asymmetric binary hard-sphere solid mixtures. <i>Physical Review E</i> , 2008, 77, 051106.	2.1	5
10	Density-functional theory study of the body-centered-cubic and c16 hard-sphere crystals. <i>Journal of Chemical Physics</i> , 2019, 150, 134506.	3.0	2
11	Theory of Weakly Polydisperse Cytoskeleton Filaments. <i>Polymers</i> , 2022, 14, 2042.	4.5	1