

Sutapa Roy

List of Publications by Year in descending order

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15
papers

263
citations

840585

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996849

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all docs

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docs citations

17
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient coarsening and the motility of optically heated Janus colloids in a binary liquid mixture. <i>Soft Matter</i> , 2020, 16, 8359-8371.	1.2	12
2	Aging phenomena during phase separation in fluids: decay of autocorrelation for vapor-liquid transitions. <i>Soft Matter</i> , 2019, 15, 4743-4750.	1.2	7
3	Solvent coarsening around colloids driven by temperature gradients. <i>Physical Review E</i> , 2018, 97, 042603.	0.8	16
4	Coalescence preference and droplet size inequality during fluid phase segregation. <i>Europhysics Letters</i> , 2018, 121, 34001.	0.7	5
5	Phase separation around a heated colloid in bulk and under confinement. <i>Soft Matter</i> , 2018, 14, 9326-9335.	1.2	12
6	Structure and dynamics of binary liquid mixtures near their continuous demixing transitions. <i>Journal of Chemical Physics</i> , 2016, 145, 134505.	1.2	27
7	Study of critical dynamics in fluids via molecular dynamics in canonical ensemble. <i>European Physical Journal E</i> , 2015, 38, 132.	0.7	8
8	Coarsening in fluid phase transitions. <i>Comptes Rendus Physique</i> , 2015, 16, 303-315.	0.3	17
9	Finite-size scaling study of shear viscosity anomaly at liquid-liquid criticality. <i>Journal of Chemical Physics</i> , 2014, 141, 234502.	1.2	12
10	Effects of domain morphology on kinetics of fluid phase separation. <i>Journal of Chemical Physics</i> , 2013, 139, 044911.	1.2	17
11	Dynamics and growth of droplets close to the two-phase coexistence curve in fluids. <i>Soft Matter</i> , 2013, 9, 4178.	1.2	29
12	Simulation of transport around the coexistence region of a binary fluid. <i>Journal of Chemical Physics</i> , 2013, 139, 064505.	1.2	5
13	Finite-size effects in dynamics: Critical vs. coarsening phenomena. <i>Europhysics Letters</i> , 2012, 97, 66006.	0.7	32
14	Nucleation and growth of droplets in vapor-liquid transitions. <i>Physical Review E</i> , 2012, 85, 050602.	0.8	24
15	Transport phenomena in fluids: Finite-size scaling for critical behavior. <i>Europhysics Letters</i> , 2011, 94, 36001.	0.7	40