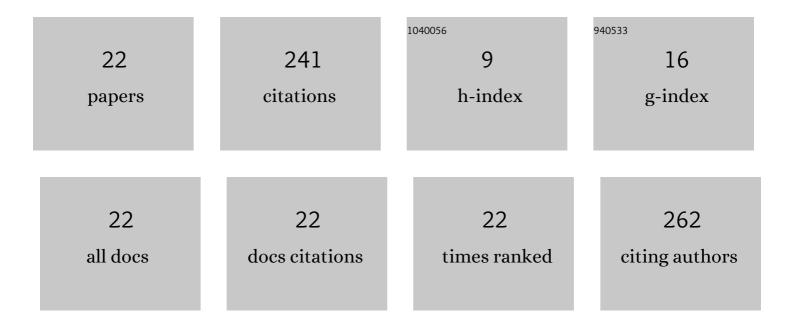
Prabhat K Jaiswal

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Surface-directed spinodal decomposition on chemically patterned substrates. Physical Review E, 2020, 102, 012803.	2.1	10
2	Enhanced attraction between particles in a bidisperse mixture with random pair-wise interactions. Phase Transitions, 2020, 93, 895-908.	1.3	3
3	Surface-directed spinodal decomposition on morphologically patterned substrates. Physical Review E, 2020, 102, 032801.	2.1	5
4	Host–parasite coevolution: Role of selection, mutation, and asexual reproduction on evolvability. Chaos, 2020, 30, 073103.	2.5	1
5	Scaling theory of the mechanical properties of amorphous nano-films. Thin Solid Films, 2019, 669, 80-84.	1.8	1
6	The sandpile revisited: computer assisted determination of constitutive relations and the breaking of scaling. Soft Matter, 2017, 13, 5008-5020.	2.7	4
7	Mechanical Yield in Amorphous Solids: A First-Order Phase Transition. Physical Review Letters, 2016, 116, 085501.	7.8	64
8	Stochastic approach to plasticity and yield in amorphous solids. Physical Review E, 2015, 92, 062302.	2.1	24
9	Modeling Barkhausen Noise in magnetic glasses with dipole-dipole interactions. Europhysics Letters, 2015, 112, 17011.	2.0	6
10	Shear Transformation Zones: State determined or protocol dependent?. Europhysics Letters, 2015, 109, 16002.	2.0	28
11	Surface-directed spinodal decomposition and enrichment in fluid mixtures: Molecular dynamics simulations. European Physical Journal: Special Topics, 2013, 222, 961-974.	2.6	2
12	Phase separation in antisymmetric films: A molecular dynamics study. Journal of Chemical Physics, 2013, 139, 174705.	3.0	3
13	Phase separation in thin films: Effect of temperature gradients. Europhysics Letters, 2013, 103, 66003.	2.0	11
14	Hydrodynamic crossovers in surface-directed spinodal decomposition and surface enrichment. Europhysics Letters, 2012, 97, 16005.	2.0	17
15	Formation of metastable structures by phase separation triggered by initial composition gradients in thin films. Journal of Chemical Physics, 2012, 137, 064704.	3.0	7
16	Surface-directed spinodal decomposition: A molecular dynamics study. Physical Review E, 2012, 85, 051137.	2.1	14
17	Phase separation of binary mixtures in thin films: Effects of an initial concentration gradient across the film. Physical Review E, 2012, 85, 041602.	2.1	11
18	Morphological phase separation in unstable thin films: pattern formation and growth. Physical Chemistry Chemical Physics, 2011, 13, 13598.	2.8	4

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#	Article	IF	CITATIONS
19	Amplification of Fluctuations in Unstable Systems with Disorder. Journal of Physical Chemistry B, 2011, 115, 4399-4403.	2.6	3
20	Kinetics of spinodal phase separation in unstable thin liquid films. Physical Review E, 2010, 82, 011601.	2.1	14
21	Kinetics of surface enrichment: A molecular dynamics study. Journal of Chemical Physics, 2010, 133, 154901.	3.0	5
22	Spinodal phase separation in liquid films with quenched disorder. Physical Chemistry Chemical Physics, 2010, 12, 12964.	2.8	4