

Yan-Wei Li

List of Publications by Year in descending order

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papers

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citations

1040056

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15
docs citations

15
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	Configuration correlation governs slow dynamics of supercooled metallic liquids. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6375-6380.	7.1	43
2	Role of cell deformability in the two-dimensional melting of biological tissues. Physical Review Materials, 2018, 2, .	2.4	37
3	Attraction Tames Two-Dimensional Melting: From Continuous to Discontinuous Transitions. Physical Review Letters, 2020, 124, 218002.	7.8	30
4	Decoupling of relaxation and diffusion in random pinning glass-forming liquids. Journal of Chemical Physics, 2015, 142, 124507.	3.0	22
5	Long-wavelength fluctuations and anomalous dynamics in 2-dimensional liquids. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22977-22982.	7.1	18
6	Phase behavior of Lennard-Jones particles in two dimensions. Physical Review E, 2020, 102, 062101.	2.1	13
7	The relationship between local density and bond-orientational order during crystallization of the Gaussian core model. Soft Matter, 2016, 12, 2009-2016.	2.7	11
8	Accurate determination of the translational correlation function of two-dimensional solids. Physical Review E, 2019, 100, 062606.	2.1	11
9	Hyperuniformity and density fluctuations at a rigidity transition in a model of biological tissues. Soft Matter, 2020, 16, 5942-5950.	2.7	11
10	Growing point-to-set length scales in Lennard-Jones glass-forming liquids. Journal of Chemical Physics, 2014, 140, 124502.	3.0	10
11	Softness, anomalous dynamics, and fractal-like energy landscape in model cell tissues. Physical Review E, 2021, 103, 022607.	2.1	9
12	Dynamics in two-dimensional glassy systems of crowded Penrose kites. Physical Review Materials, 2019, 3, .	2.4	7
13	Local Plastic Response and Slow Heterogeneous Dynamics of Supercooled Liquids. Physical Review Letters, 2022, 128, .	7.8	5
14	Probing heterogeneous dynamics from spatial density correlation in glass-forming liquids. Physical Review E, 2016, 94, 062601.	2.1	4
15	Long-wavelength fluctuations and dimensionality crossover in confined liquids. Physical Review Research, 2021, 3, .	3.6	3