Li Yan-Wei

List of Publications by Year
in descending order

18	309	933447 10	888059 17
papers	citations	h-index	g-index

18	18	18	394
all docs	docs citations	times ranked	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	Hard ellipses: Equation of state, structure, and self-diffusion. Journal of Chemical Physics, 2013, 139, 024501.	3.0	33
4	Attraction Tames Two-Dimensional Melting: From Continuous to Discontinuous Transitions. Physical Review Letters, 2020, 124, 218002.	7.8	30
5	Hexatic phase in a model of active biological tissues. Soft Matter, 2020, 16, 3914-3920.	2.7	26
6	Decoupling of relaxation and diffusion in random pinning glass-forming liquids. Journal of Chemical Physics, 2015, 142, 124507.	3.0	22
7	Kinetic study on hydrolysis and oxidation of formamidine disulfide in acidic solutions. Science China Chemistry, 2012, 55, 235-241.	8.2	19
8	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
9	Phase behavior of Lennard-Jones particles in two dimensions. Physical Review E, 2020, 102, 062101.	2.1	13
10	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
11	Accurate determination of the translational correlation function of two-dimensional solids. Physical Review E, 2019, 100, 062606.	2.1	11
12	Hyperuniformity and density fluctuations at a rigidity transition in a model of biological tissues. Soft Matter, 2020, 16, 5942-5950.	2.7	11
13	Growing point-to-set length scales in Lennard-Jones glass-forming liquids. Journal of Chemical Physics, 2014, 140, 124502.	3.0	10
14	Softness, anomalous dynamics, and fractal-like energy landscape in model cell tissues. Physical Review E, 2021, 103, 022607.	2.1	9
15	Dynamics in two-dimensional glassy systems of crowded Penrose kites. Physical Review Materials, 2019, 3, .	2.4	7
16	Probing heterogeneous dynamics from spatial density correlation in glass-forming liquids. Physical Review E, 2016, 94, 062601.	2.1	4
17	Long-wavelength fluctuations and dimensionality crossover in confined liquids. Physical Review Research, 2021, 3, .	3.6	3
18	Unconventional rheological properties in systems of deformable particles. Soft Matter, 2021, 17, 7708-7713.	2.7	2