

# Li Yan-Wei

## List of Publications by Year in descending order

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18  
papers

309  
citations

933447

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h-index

888059

17  
g-index

18  
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18  
docs citations

18  
times ranked

394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconventional rheological properties in systems of deformable particles. <i>Soft Matter</i> , 2021, 17, 7708-7713.	2.7	2
2	Softness, anomalous dynamics, and fractal-like energy landscape in model cell tissues. <i>Physical Review E</i> , 2021, 103, 022607.	2.1	9
3	Long-wavelength fluctuations and dimensionality crossover in confined liquids. <i>Physical Review Research</i> , 2021, 3, .	3.6	3
4	Phase behavior of Lennard-Jones particles in two dimensions. <i>Physical Review E</i> , 2020, 102, 062101.	2.1	13
5	Attraction Tames Two-Dimensional Melting: From Continuous to Discontinuous Transitions. <i>Physical Review Letters</i> , 2020, 124, 218002.	7.8	30
6	Hyperuniformity and density fluctuations at a rigidity transition in a model of biological tissues. <i>Soft Matter</i> , 2020, 16, 5942-5950.	2.7	11
7	Hexatic phase in a model of active biological tissues. <i>Soft Matter</i> , 2020, 16, 3914-3920.	2.7	26
8	Long-wavelength fluctuations and anomalous dynamics in 2-dimensional liquids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22977-22982.	7.1	18
9	Accurate determination of the translational correlation function of two-dimensional solids. <i>Physical Review E</i> , 2019, 100, 062606.	2.1	11
10	Dynamics in two-dimensional glassy systems of crowded Penrose kites. <i>Physical Review Materials</i> , 2019, 3, .	2.4	7
11	Configuration correlation governs slow dynamics of supercooled metallic liquids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6375-6380.	7.1	43
12	Role of cell deformability in the two-dimensional melting of biological tissues. <i>Physical Review Materials</i> , 2018, 2, .	2.4	37
13	Probing heterogeneous dynamics from spatial density correlation in glass-forming liquids. <i>Physical Review E</i> , 2016, 94, 062601.	2.1	4
14	The relationship between local density and bond-orientational order during crystallization of the Gaussian core model. <i>Soft Matter</i> , 2016, 12, 2009-2016.	2.7	11
15	Decoupling of relaxation and diffusion in random pinning glass-forming liquids. <i>Journal of Chemical Physics</i> , 2015, 142, 124507.	3.0	22
16	Growing point-to-set length scales in Lennard-Jones glass-forming liquids. <i>Journal of Chemical Physics</i> , 2014, 140, 124502.	3.0	10
17	Hard ellipses: Equation of state, structure, and self-diffusion. <i>Journal of Chemical Physics</i> , 2013, 139, 024501.	3.0	33
18	Kinetic study on hydrolysis and oxidation of formamidine disulfide in acidic solutions. <i>Science China Chemistry</i> , 2012, 55, 235-241.	8.2	19