

# Daniel Hexner

## List of Publications by Year in descending order

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687363

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839539

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docs citations

18  
times ranked

656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supervised Learning in Physical Networks: From Machine Learning to Learning Machines. Physical Review X, 2021, 11, .	8.9	21
2	Training nonlinear elastic functions: nonmonotonic, sequence dependent and bifurcating. Soft Matter, 2021, 17, 4407-4412.	2.7	2
3	Self-propulsion and self-navigation: Activity is a precursor to jamming. Physical Review E, 2021, 104, 064614.	2.1	3
4	Periodic training of creeping solids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31690-31695.	7.1	25
5	Effect of directed aging on nonlinear elasticity and memory formation in a material. Physical Review Research, 2020, 2, .	3.6	20
6	Can a Large Packing be Assembled from Smaller Ones?. Physical Review Letters, 2019, 123, 068003.	7.8	15
7	Directed aging, memory, and nature's greed. Science Advances, 2019, 5, eaax4215.	10.3	50
8	Role of local response in manipulating the elastic properties of disordered solids by bond removal. Soft Matter, 2018, 14, 312-318.	2.7	34
9	Amorphous topological insulators constructed from random point sets. Nature Physics, 2018, 14, 380-385.	16.7	208
10	Two Diverging Length Scales in the Structure of Jammed Packings. Physical Review Letters, 2018, 121, 115501.	7.8	32
11	Linking microscopic and macroscopic response in disordered solids. Physical Review E, 2018, 97, 063001.	2.1	16
12	Reply to the "Comment on "Spatial structure of states of self stress in jammed systems" by E. Lerner, Soft Matter, 2017, 13, DOI: 10.1039/c6sm01111j. Soft Matter, 2017, 13, 1532-1533.	2.7	1
13	Noise, Diffusion, and Hyperuniformity. Physical Review Letters, 2017, 118, 020601.	7.8	39
14	Enhanced hyperuniformity from random reorganization. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4294-4299.	7.1	51
15	Hyperuniformity of Critical Absorbing States. Physical Review Letters, 2015, 114, 110602.	7.8	142
16	Self-organization and self-avoiding limit cycles. Europhysics Letters, 2015, 109, 30004.	2.0	1
17	Entropic Commensurate-Incommensurate Transition. Physical Review Letters, 2013, 110, 125701.	7.8	5
18	Tug of war in motility assay experiments. Physical Biology, 2009, 6, 036016.	1.8	17