

Daniel Hexner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5860991/publications.pdf>

Version: 2024-02-01

18
papers

682
citations

687363

13
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

656
citing authors

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