

Herman M Singer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

399
citations

1040056

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1199594

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12
docs citations

12
times ranked

483
citing authors

#	ARTICLE	IF	CITATIONS
1	The COVID-19 pandemic: growth patterns, power law scaling, and saturation. <i>Physical Biology</i> , 2020, 17, 055001.	1.8	47
2	Simulating isothermal aging of snow. <i>Europhysics Letters</i> , 2010, 89, 26001.	2.0	20
3	Agent-based model for friendship in social networks. <i>Physical Review E</i> , 2009, 80, 026113.	2.1	33
4	Experimental Observation and Computer Simulations of 3D Triplet Structures in Diffusion Limited Growth of Xenon Crystals. <i>Physical Review Letters</i> , 2009, 103, 015501.	7.8	13
5	Simulation of birdfoot delta formation with application to the Mississippi Delta. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	29
6	The phase field technique for modeling multiphase materials. <i>Reports on Progress in Physics</i> , 2008, 71, 106501.	20.1	181
7	Measurements of experimentally grown 3-D xenon multiplets and comparative phase-field simulations. <i>Jom</i> , 2007, 59, 77-80.	1.9	1
8	Measurements of the three-dimensional shape of ice crystals in supercooled water. <i>Physical Review E</i> , 2006, 73, 051606.	2.1	7
9	Analysis and visualization of multiply oriented lattice structures by a two-dimensional continuous wavelet transform. <i>Physical Review E</i> , 2006, 74, 031103.	2.1	24
10	Three-dimensional reconstruction of xenon dendrites. <i>Europhysics Letters</i> , 2004, 68, 240-246.	2.0	14
11	Generalized length scales for three-dimensional dendritic growth. <i>Physical Review E</i> , 2004, 69, 032601.	2.1	7
12	Quantitative description of morphological transitions in diffusion-limited growth of xenon crystals. <i>Physical Review E</i> , 2004, 70, 031601.	2.1	23