

# Herman M Singer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9110633/publications.pdf>

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12  
papers

399  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

483  
citing authors

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