

# Simon K Schnyder

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

256  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the Cell Cycle in Collective Cell Dynamics. <i>Physical Review X</i> , 2021, 11, .	8.9	5
2	Dynamical decoupling and recoupling of the Wigner solid to a liquid helium substrate. <i>Physical Review B</i> , 2020, 102, .	3.2	6
3	Control of cell colony growth by contact inhibition. <i>Scientific Reports</i> , 2020, 10, 6713.	3.3	22
4	Spontaneous spatiotemporal ordering of shape oscillations enhances cell migration. <i>Soft Matter</i> , 2019, 15, 4939-4946.	2.7	4
5	Crowding of Interacting Fluid Particles in Porous Media through Molecular Dynamics: Breakdown of Universality for Soft Interactions. <i>Physical Review Letters</i> , 2018, 120, 078001.	7.8	11
6	Modeling of Cells which Migrate and Proliferate on a Substrate. <i>Journal of Computer Chemistry Japan</i> , 2018, 17, 14-19.	0.1	1
7	Structure factors in a two-dimensional binary colloidal hard sphere system. <i>Molecular Physics</i> , 2018, 116, 3245-3257.	1.7	22
8	Physical Modeling for Active Cells and Tissue. <i>Seibutsu Butsuri</i> , 2018, 58, 159-162.	0.1	0
9	Dynamic heterogeneities and non-Gaussian behavior in two-dimensional randomly confined colloidal fluids. <i>Physical Review E</i> , 2017, 95, 032602.	2.1	13
10	Collective motion of cells crawling on a substrate: roles of cell shape and contact inhibition. <i>Scientific Reports</i> , 2017, 7, 5163.	3.3	22
11	Anomalous transport in heterogeneous media. <i>European Physical Journal: Special Topics</i> , 2017, 226, 3113-3128.	2.6	9
12	Classical Liquids in Fractal Dimension. <i>Physical Review Letters</i> , 2015, 115, 097801.	7.8	14
13	Rounding of the localization transition in model porous media. <i>Soft Matter</i> , 2015, 11, 701-711.	2.7	34
14	Dynamic arrest in model porous media – intermediate scattering functions. <i>Soft Matter</i> , 2013, 9, 1604-1611.	2.7	18
15	Localization Dynamics of Fluids in Random Confinement. <i>Physical Review Letters</i> , 2013, 111, 128301.	7.8	58
16	Long-wavelength anomalies in the asymptotic behavior of mode-coupling theory. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 234121.	1.8	17