

Lester O Hedges

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,472
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1963
citing authors

#	ARTICLE	IF	CITATIONS
1	MetaWards: A flexible metapopulation framework for modelling disease spread. Journal of Open Source Software, 2022, 7, 3914.	4.6	0
2	BioSimSpace: An interoperable Python framework for biomolecular simulation. Journal of Open Source Software, 2019, 4, 1831.	4.6	26
3	OpenLSTO: Open-Source Software for Level Set Topology Optimization. , 2018, , .		5
4	Stochastic level-set method for shape optimisation. Journal of Computational Physics, 2017, 348, 82-107.	3.8	19
5	Crystallization and arrest mechanisms of model colloids. Soft Matter, 2015, 11, 9307-9320.	2.7	22
6	Growth of equilibrium structures built from a large number of distinct component types. Soft Matter, 2014, 10, 6404.	2.7	30
7	Self-Assembly at a Nonequilibrium Critical Point. Physical Review Letters, 2014, 112, 155504.	7.8	27
8	Uncovering the intrinsic size dependence of hydriding phase transformations in nanocrystals. Nature Materials, 2013, 12, 905-912.	27.5	116
9	Selective nucleation in porous media. Soft Matter, 2013, 9, 9763.	2.7	23
10	Microscopic Evidence for Liquid-Liquid Separation in Supersaturated CaCO ₃ Solutions. Science, 2013, 341, 885-889.	12.6	433
11	Self-Assembly of Multicomponent Structures In and Out of Equilibrium. Physical Review Letters, 2012, 109, 265506.	7.8	28
12	Patterning a surface so as to speed nucleation from solution. Soft Matter, 2012, 8, 8624.	2.7	51
13	Excitations Are Localized and Relaxation Is Hierarchical in Glass-Forming Liquids. Physical Review X, 2011, 1, .	8.9	151
14	Preparation and Relaxation of Very Stable Glassy States of a Simulated Liquid. Physical Review Letters, 2011, 107, 275702.	7.8	48
15	Limit of validity of Ostwald's rule of stages in a statistical mechanical model of crystallization. Journal of Chemical Physics, 2011, 135, 164902.	3.0	52
16	Dynamic Order-Disorder in Atomistic Models of Structural Glass Formers. Science, 2009, 323, 1309-1313.	12.6	333
17	Dynamic facilitation explains "democratic" particle motion of metabasin transitions. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 324006.	2.1	2
18	Decoupling of exchange and persistence times in atomistic models of glass formers. Journal of Chemical Physics, 2007, 127, 211101.	3.0	84

#	ARTICLE	IF	CITATIONS
19	Dynamic propensity in a kinetically constrained lattice gas. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 205124.	1.8	8
20	Fast simulation of facilitated spin models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2005, 2005, P12010-P12010.	2.3	14