

Hillary L Smith

List of Publications by Year in descending order

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12
papers

677
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1332
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the high voltage phase of layered $\text{P2-Na}_{2/3}\text{z}[\text{Mn}_{1/2}\text{Fe}_{1/2}]\text{O}_2$ and the positive effect of Ni substitution on its stability. <i>Energy and Environmental Science</i> , 2015, 8, 2512-2523.	30.8	331
2	Separating the configurational and vibrational entropy contributions in metallic glasses. <i>Nature Physics</i> , 2017, 13, 900-905.	16.7	83
3	Early Stages of Oxidative Stress-Induced Membrane Permeabilization: A Neutron Reflectometry Study. <i>Journal of the American Chemical Society</i> , 2009, 131, 3631-3638.	13.7	62
4	Model Lipid Membranes on a Tunable Polymer Cushion. <i>Physical Review Letters</i> , 2009, 102, 228102.	7.8	47
5	In-Plane Correlations in a Polymer-Supported Lipid Membrane Measured by Off-Specular Neutron Scattering. <i>Physical Review Letters</i> , 2011, 106, 138101.	7.8	36
6	Event-based processing of neutron scattering data at the Spallation Neutron Source. <i>Journal of Applied Crystallography</i> , 2018, 51, 616-629.	4.5	35
7	Analysis of biosurfaces by neutron reflectometry: From simple to complex interfaces. <i>Biointerphases</i> , 2015, 10, 019014.	1.6	32
8	Mouse Fibroblast Cell Adhesion Studied by Neutron Reflectometry. <i>Biophysical Journal</i> , 2010, 98, 793-799.	0.5	14
9	Novel Polyaromatic-Terminated Transition Metal Complexes for the Functionalization of Carbon Surfaces. <i>Langmuir</i> , 2010, 26, 3342-3349.	3.5	13
10	Temperature dependence of phonons in FeGe_2 . <i>Physical Review Materials</i> , 2018, 2, .	2.4	9
11	Phonon anharmonicity and components of the entropy in palladium and platinum. <i>Physical Review B</i> , 2016, 93, .	3.2	8
12	Understanding dynamic changes in live cell adhesion with neutron reflectometry. <i>Modern Physics Letters B</i> , 2014, 28, 1430015.	1.9	7