

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