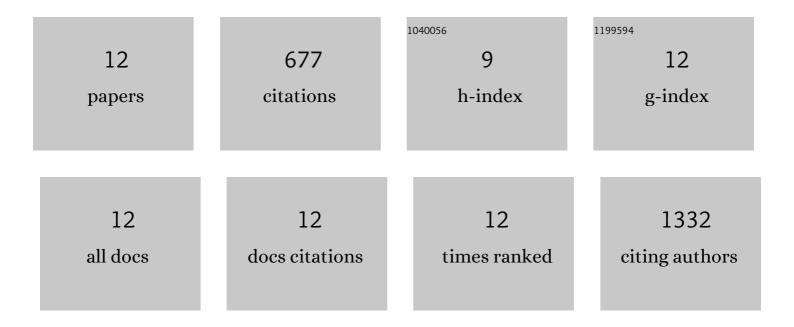
Hillary L Smith

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10388930/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Structure of the high voltage phase of layered P2-Na _{2/3â^'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
2	Separating the configurational and vibrational entropy contributions in metallic glasses. Nature Physics, 2017, 13, 900-905.	16.7	83
3	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
4	Model Lipid Membranes on a Tunable Polymer Cushion. Physical Review Letters, 2009, 102, 228102.	7.8	47
5	In-Plane Correlations in a Polymer-Supported Lipid Membrane Measured by Off-Specular Neutron Scattering. Physical Review Letters, 2011, 106, 138101.	7.8	36
6	Event-based processing of neutron scattering data at the Spallation Neutron Source. Journal of Applied Crystallography, 2018, 51, 616-629.	4.5	35
7	Analysis of biosurfaces by neutron reflectometry: From simple to complex interfaces. Biointerphases, 2015, 10, 019014.	1.6	32
8	Mouse Fibroblast Cell Adhesion Studied by Neutron Reflectometry. Biophysical Journal, 2010, 98, 793-799.	0.5	14
9	Novel Polyaromatic-Terminated Transition Metal Complexes for the Functionalization of Carbon Surfaces. Langmuir, 2010, 26, 3342-3349.	3.5	13
10	Temperature dependence of phonons in FeGe2. Physical Review Materials, 2018, 2, .	2.4	9
11	Phonon anharmonicity and components of the entropy in palladium and platinum. Physical Review B, 2016, 93, .	3.2	8
12	Understanding dynamic changes in live cell adhesion with neutron reflectometry. Modern Physics Letters B, 2014, 28, 1430015.	1.9	7