

Matthew A Hood

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3203672/publications.pdf>

Version: 2024-02-01

13
papers

999
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1805
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotube induced polymer crystallization: The formation of nanohybrid shishâ€“kebabs. <i>Polymer</i> , 2009, 50, 953-965.	3.8	234
2	A hydrated crystalline calcium carbonate phase: Calcium carbonate hemihydrate. <i>Science</i> , 2019, 363, 396-400.	12.6	153
3	Synthetic Strategies in the Preparation of Polymer/Inorganic Hybrid Nanoparticles. <i>Materials</i> , 2014, 7, 4057-4087.	2.9	149
4	A vacuole-like compartment concentrates a disordered calcium phase in a key coccolithophorid alga. <i>Nature Communications</i> , 2016, 7, 11228.	12.8	144
5	Morphology control of segmented polyurethanes by crystallization of hard and soft segments. <i>Polymer</i> , 2010, 51, 2191-2198.	3.8	127
6	Calcium-Induced Molecular Rearrangement of Peptide Folds Enables Biomineralization of Vaterite Calcium Carbonate. <i>Journal of the American Chemical Society</i> , 2018, 140, 2793-2796.	13.7	46
7	The Role of Residue Acidity on the Stabilization of Vaterite by Amino Acids and Oligopeptides. <i>Crystal Growth and Design</i> , 2014, 14, 1077-1085.	3.0	43
8	Extraordinarily high plastic deformation in polyurethane/silica nanoparticle nanocomposites with low filler concentrations. <i>Polymer</i> , 2013, 54, 6510-6515.	3.8	22
9	Biomimetic vaterite formation at surfaces structurally templated by oligo(glutamic acid) peptides. <i>Chemical Communications</i> , 2015, 51, 15902-15905.	4.1	21
10	Lattice distortions in coccolith calcite crystals originate from occlusion of biomacromolecules. <i>Journal of Structural Biology</i> , 2016, 196, 147-154.	2.8	21
11	Hybrid Poly(urethaneâ€“urea)/Silica Nanocapsules with pH-Sensitive Gateways. <i>Chemistry of Materials</i> , 2015, 27, 4311-4318.	6.7	15
12	Chitosan nanoparticles affect polymorph selection in crystallization of calcium carbonate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 540, 48-52.	4.7	13
13	Controlling hydrophobicity of silica nanocapsules prepared from organosilanes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 172-177.	4.7	10