

David Young

List of Publications by Year in descending order

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15
papers

1,044
citations

759233

12
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards High Power High Energy Aqueous Sodium-Ion Batteries: The $\text{NaTi}_2(\text{PO}_4)_3/\text{Na}_{0.44}\text{MnO}_2$ System. <i>Advanced Energy Materials</i> , 2013, 3, 290-294.	19.5	430
2	Electronic Conductivity in the $\text{Li}_{4/3}\text{Ti}_5/3\text{O}_4$ "Li _{7/3} Ti _{5/3} O ₄ System and Variation with State-of-Charge as a Li Battery Anode. <i>Advanced Energy Materials</i> , 2013, 3, 1125-1129.	19.5	90
3	Putative Nanobacteria Represent Physiological Remnants and Culture By-Products of Normal Calcium Homeostasis. <i>PLoS ONE</i> , 2009, 4, e4417.	2.5	84
4	Characterization of Granulations of Calcium and Apatite in Serum as Pleomorphic Mineralo-Protein Complexes and as Precursors of Putative Nanobacteria. <i>PLoS ONE</i> , 2009, 4, e5421.	2.5	76
5	Comprehensive proteomic analysis of mineral nanoparticles derived from human body fluids and analyzed by liquid chromatography-tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2011, 418, 111-125.	2.4	69
6	Fetuin-A/Albumin-Mineral Complexes Resembling Serum Calcium Granules and Putative Nanobacteria: Demonstration of a Dual Inhibition-Seeding Concept. <i>PLoS ONE</i> , 2009, 4, e8058.	2.5	69
7	Physicochemical and Biological Properties of Biomimetic Mineralo-Protein Nanoparticles Formed Spontaneously in Biological Fluids. <i>Small</i> , 2013, 9, 2297-2307.	10.0	54
8	Bions: A Family of Biomimetic Mineralo-Organic Complexes Derived from Biological Fluids. <i>PLoS ONE</i> , 2013, 8, e75501.	2.5	49
9	Biomimetic Properties of Minerals and the Search for Life in the Martian Meteorite ALH84001. <i>Annual Review of Earth and Planetary Sciences</i> , 2012, 40, 167-193.	11.0	40
10	Of nanobacteria, nanoparticles, biofilms and their role in health and disease: facts, fancy and future. <i>Nanomedicine</i> , 2014, 9, 483-499.	3.3	39
11	A story told by a single nanoparticle in the body fluid: demonstration of dissolution-precipitation of nanocrystals in a biological system. <i>Nanomedicine</i> , 2015, 10, 2659-2676.	3.3	22
12	Formation and characteristics of biomimetic mineralo-organic particles in natural surface water. <i>Scientific Reports</i> , 2016, 6, 28817.	3.3	16
13	Apparatus for <i>operando</i> x-ray diffraction of fuel electrodes in high temperature solid oxide electrochemical cells. <i>Review of Scientific Instruments</i> , 2019, 90, 023910.	1.3	6
14	Biomimetalization: Physicochemical and Biological Properties of Biomimetic Mineralo-Protein Nanoparticles Formed Spontaneously in Biological Fluids (<i>Small</i> 13/2013). <i>Small</i> , 2013, 9, 2372-2372.	10.0	0
15	An Operando calorimeter for high temperature electrochemical cells. <i>JPhys Energy</i> , 2021, 3, 034007.	5.3	0