David Young

List of Publications by Year in descending order

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	An Operando calorimeter for high temperature electrochemical cells. JPhys Energy, 2021, 3, 034007.	5.3	0
2	Apparatus for operando x-ray diffraction of fuel electrodes in high temperature solid oxide electrochemical cells. Review of Scientific Instruments, 2019, 90, 023910.	1.3	6
3	Formation and characteristics of biomimetic mineralo-organic particles in natural surface water. Scientific Reports, 2016, 6, 28817.	3.3	16
4	A story told by a single nanoparticle in the body fluid: demonstration of dissolution-reprecipitation of nanocrystals in a biological system. Nanomedicine, 2015, 10, 2659-2676.	3.3	22
5	Of nanobacteria, nanoparticles, biofilms and their role in health and disease: facts, fancy and future. Nanomedicine, 2014, 9, 483-499.	3.3	39
6	Biomineralization: Physicochemical and Biological Properties of Biomimetic Mineraloâ€Protein Nanoparticles Formed Spontaneously in Biological Fluids (Small 13/2013). Small, 2013, 9, 2372-2372.	10.0	0
7	Electronic Conductivity in the Li_{4/3}Ti_{5/3}O₄â€“Li_{7/3}Ti_{5/3}O₄ System and Variation with Stateâ€ofâ€Charge as a Li Battery Anode. Advanced Energy Materials, 2013, 3, 1125-1129.	19.5	90
8	Physicochemical and Biological Properties of Biomimetic Mineraloâ€Protein Nanoparticles Formed Spontaneously in Biological Fluids. Small, 2013, 9, 2297-2307.	10.0	54
9	Towards High Power High Energy Aqueous Sodiumâ€Ion Batteries: The NaTi₂(PO₄)₃/Na_{0.44}MnO₂ System. Advanced Energy Materials, 2013, 3, 290-294.	19.5	430
10	Bions: A Family of Biomimetic Mineralo-Organic Complexes Derived from Biological Fluids. PLoS ONE, 2013, 8, e75501.	2.5	49
11	Biomimetic Properties of Minerals and the Search for Life in the Martian Meteorite ALH84001. Annual Review of Earth and Planetary Sciences, 2012, 40, 167-193.	11.0	40
12	Comprehensive proteomic analysis of mineral nanoparticles derived from human body fluids and analyzed by liquid chromatographyâ€“tandem mass spectrometry. Analytical Biochemistry, 2011, 418, 111-125.	2.4	69
13	Putative Nanobacteria Represent Physiological Remnants and Culture By-Products of Normal Calcium Homeostasis. PLoS ONE, 2009, 4, e4417.	2.5	84
14	Characterization of Granulations of Calcium and Apatite in Serum as Pleomorphic Mineralo-Protein Complexes and as Precursors of Putative Nanobacteria. PLoS ONE, 2009, 4, e5421.	2.5	76
15	Fetuin-A/Albumin-Mineral Complexes Resembling Serum Calcium Granules and Putative Nanobacteria: Demonstration of a Dual Inhibition-Seeding Concept. PLoS ONE, 2009, 4, e8058.	2.5	69