

Ana C BohÃ³rquez

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

835
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

1690
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel methodology for measuring intraoral wear in enamel and dental restorative materials. <i>Clinical and Experimental Dental Research</i> , 2020, 6, 677-685.	1.9	11
2	A Synergistic Materials Characterization Approach for the Evaluation of Particles and Talc Minerals in Cosmetic Powders. <i>Microscopy and Microanalysis</i> , 2019, 25, 2324-2325.	0.4	0
3	Quantification of Poinsettia Root Growth by Image Scans or X-ray Computed Tomography Scans in Three Propagation Substrates at Varied Moisture Levels. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 2354-2367.	1.4	0
4	Image-Guided Thermal Therapy Using Magnetic Particle Imaging and Magnetic Fluid Hyperthermia. , 2019, , 265-286.		6
5	Longitudinal evaluation of tumor microenvironment in rat focal brainstem glioma using diffusion and perfusion MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1322-1332.	3.4	2
6	Water and Air Relations in Propagation Substrates. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 2024-2030.	1.0	2
7	Stability and Mobility of Magnetic Nanoparticles in Biological Environments Determined from Dynamic Magnetic Susceptibility Measurements. <i>Bioconjugate Chemistry</i> , 2018, 29, 2793-2805.	3.6	12
8	Ammonium Bisphosphonate Polymeric Magnetic Nanocomplexes for Platinum Anticancer Drug Delivery and Imaging with Potential Hyperthermia and Temperature-Dependent Drug Release. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-14.	2.7	1
9	Processing-size correlations in the preparation of magnetic alginate microspheres through emulsification and ionic crosslinking. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 119-127.	4.7	11
10	Rotational diffusion of magnetic nanoparticles in protein solutions. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 393-402.	9.4	10
11	Remotely Triggered Activation of TGF- With Magnetic Nanoparticles. <i>IEEE Magnetics Letters</i> , 2015, 6, 1-4.	1.1	15
12	Optimization of synthesis and peptization steps to obtain iron oxide nanoparticles with high energy dissipation rates. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 394, 361-371.	2.3	27
13	Enhanced Nanoparticle Size Control by Extending LaMer's Mechanism. <i>Chemistry of Materials</i> , 2015, 27, 6059-6066.	6.7	195
14	In Situ Evaluation of Nanoparticle-Protein Interactions by Dynamic Magnetic Susceptibility Measurements. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 561-570.	2.3	17
15	Magnetic nanoparticle targeting of lysosomes: a viable method of overcoming tumor resistance?. <i>Nanomedicine</i> , 2014, 9, 937-939.	3.3	12
16	Magnetic fluid hyperthermia: Advances, challenges, and opportunity. <i>International Journal of Hyperthermia</i> , 2013, 29, 706-714.	2.5	220
17	EGFR-Targeted Magnetic Nanoparticle Heaters Kill Cancer Cells without a Perceptible Temperature Rise. <i>ACS Nano</i> , 2011, 5, 7124-7129.	14.6	294