

Ana C BohÃ³rquez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2229069/publications.pdf>

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