

Beatriz Sanz

List of Publications by Year in descending order

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15
papers

879
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1913
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of surface charge of functionalized Fe ₃ O ₄ nanoparticles on protein adsorption and cell uptake. <i>Biomaterials</i> , 2014, 35, 6389-6399.	11.4	220
2	Chitosan nanoparticles for combined drug delivery and magnetic hyperthermia: From preparation to in vitro studies. <i>Carbohydrate Polymers</i> , 2017, 157, 361-370.	10.2	107
3	Magnetic hyperthermia enhances cell toxicity with respect to exogenous heating. <i>Biomaterials</i> , 2017, 114, 62-70.	11.4	102
4	The orientation of the neuronal growth process can be directed via magnetic nanoparticles under an applied magnetic field. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1549-1558.	3.3	84
5	The relevance of Brownian relaxation as power absorption mechanism in Magnetic Hyperthermia. <i>Scientific Reports</i> , 2019, 9, 3992.	3.3	79
6	Poly-L-lysine-coated magnetic nanoparticles as intracellular actuators for neural guidance. <i>International Journal of Nanomedicine</i> , 2012, 7, 3155.	6.7	57
7	In Silico before In Vivo: how to Predict the Heating Efficiency of Magnetic Nanoparticles within the Intracellular Space. <i>Scientific Reports</i> , 2016, 6, 38733.	3.3	57
8	Neuronal cells loaded with PEI-coated Fe ₃ O ₄ nanoparticles for magnetically guided nerve regeneration. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3607.	5.8	38
9	Graphene Oxide Functional Nanohybrids with Magnetic Nanoparticles for Improved Vectorization of Doxorubicin to Neuroblastoma Cells. <i>Pharmaceutics</i> , 2019, 11, 3.	4.5	33
10	Long-Term Stability and Reproducibility of Magnetic Colloids Are Key Issues for Steady Values of Specific Power Absorption over Time. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4524-4531.	2.0	31
11	Tuning Properties of Iron Oxide Nanoparticles in Aqueous Synthesis without Ligands to Improve MRI Relaxivity and SAR. <i>Nanomaterials</i> , 2017, 7, 225.	4.1	30
12	Low-Dimensional Assemblies of Magnetic MnFe ₂ O ₄ Nanoparticles and Direct <i>In Vitro</i> Measurements of Enhanced Heating Driven by Dipolar Interactions: Implications for Magnetic Hyperthermia. <i>ACS Applied Nano Materials</i> , 2020, 3, 8719-8731.	5.0	19
13	Lipid-Iron Nanoparticle with a Cell Stress Release Mechanism Combined with a Local Alternating Magnetic Field Enables Site-Activated Drug Release. <i>Cancers</i> , 2020, 12, 3767.	3.7	11
14	Ex situ integration of iron oxide nanoparticles onto the exfoliated expanded graphite flakes in water suspension. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 1155-1167.	0.8	6
15	A Concise Review of Nanomaterials for Drug Delivery and Release. <i>Current Nanoscience</i> , 2020, 16, 399-412.	1.2	5