

Diego Fernando Coral Coral

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

684
citations

516710

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642732

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23
all docs

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docs citations

23
times ranked

1131
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-angle X-ray scattering to quantify the incorporation and analyze the disposition of magnetic nanoparticles inside cells. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1-12.	9.4	3
2	Facile synthesis by laser ablation in liquid of nonequilibrium cobalt-silver nanoparticles with magnetic and plasmonic properties. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 267-275.	9.4	29
3	Magnetite nanoparticles coated with citric acid are not phytotoxic and stimulate soybean and alfalfa growth. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111942.	6.0	41
4	Sciatic nerve regeneration after traumatic injury using magnetic targeted adipose-derived mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2021, 130, 234-247.	8.3	24
5	4D Multimodal Nanomedicines Made of Nonequilibrium Au-Fe Alloy Nanoparticles. <i>ACS Nano</i> , 2020, 14, 12840-12853.	14.6	53
6	Synthesis of highly stable Fe/FeOx@citrate colloids with strong magnetic response by mechanochemistry and coprecipitation for biomedical and environmental applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 508, 166759.	2.3	4
7	Nanoclusters of crystallographically aligned nanoparticles for magnetic thermotherapy: aqueous ferrofluid, agarose phantoms and <i>ex vivo</i> melanoma tumour assessment. <i>Nanoscale</i> , 2018, 10, 21262-21274.	5.6	33
8	Selective contrast agents with potential to the earlier detection of tumors: Insights on synthetic pathways, physicochemical properties and performance in MRI assays. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 470-478.	5.0	16
9	Anticipating hyperthermic efficiency of magnetic colloids using a semi-empirical model: a tool to help medical decisions. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 7176-7187.	2.8	12
10	Optical and Magnetic Properties of Fe Nanoparticles Fabricated by Femtosecond Laser Ablation in Organic and Inorganic Solvents. <i>ChemPhysChem</i> , 2017, 18, 1192-1209.	2.1	30
11	Hybrid nanomaterials based on gum Arabic and magnetite for hyperthermia treatments. <i>Materials Science and Engineering C</i> , 2017, 74, 443-450.	7.3	55
12	Different approaches to analyze the dipolar interaction effects on diluted and concentrated granular superparamagnetic systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 428, 105-118.	2.3	38
13	Magnetically Assembled SERS Substrates Composed of Iron-Silver Nanoparticles Obtained by Laser Ablation in Liquid. <i>ChemPhysChem</i> , 2017, 18, 1026-1034.	2.1	31
14	Una guía para el estudio de nanopartículas magnéticas de óxidos de hierro con aplicaciones biomédicas. Parte I. <i>Ingeniería Y Ciencia</i> , 2017, 13, 229-249.	0.3	2
15	Una Guía para el estudio de nanopartículas magnéticas de óxidos de hierro con aplicaciones biomédicas. Parte II. <i>Ingeniería Y Ciencia</i> , 2017, 13, 207-232.	0.3	5
16	Effects of Nanostructure and Dipolar Interactions on Magnetohyperthermia in Iron Oxide Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12796-12809.	3.1	49
17	Effect of Nanoclustering and Dipolar Interactions in Heat Generation for Magnetic Hyperthermia. <i>Langmuir</i> , 2016, 32, 1201-1213.	3.5	126
18	Ag nanoparticles formed by femtosecond pulse laser ablation in water: self-assembled fractal structures. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	25

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19	Quasi-static magnetic measurements to predict specific absorption rates in magnetic fluid hyperthermia experiments. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	22
20	Physicochemical characterization of traditional and commercial instant corn flours prepared with threshed white corn. <i>CYTA - Journal of Food</i> , 2012, 10, 287-295.	1.9	12
21	Self organization in oleic acid-coated CoFe ₂ O ₄ colloids: a SAXS study. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	23
22	Thermo-alkaline treatment. A process that changes the thermal properties of corn starch. <i>Procedia Food Science</i> , 2011, 1, 370-378.	0.6	28
23	Determination of the gelatinization temperature of starch presented in maize flours. <i>Journal of Physics: Conference Series</i> , 2009, 167, 012057.	0.4	23