

Caio Carvalho dos Santos

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

313
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhamnolipids as Green Stabilizers of nZVI and Application in the Removal of Nitrate From Simulated Groundwater. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 794460.	4.1	6
2	Colloidal stability study of Fe ₃ O ₄ -based nanofluids in water and ethylene glycol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 509-520.	3.6	5
3	Advances and current challenges in non-invasive wearable sensors and wearable biosensors: A mini-review. <i>Medical Devices & Sensors</i> , 2021, 4, e10130.	2.7	13
4	Gelatin/dextran-based hydrogel cross-linked by Diels-Alder click chemistry: the swelling and potassium diclofenac releasing. <i>Medical Devices & Sensors</i> , 2021, 4, e10151.	2.7	6
5	Synthesis of core-shell nanoparticles functionalized with folic acid-modified PCL-co-PEGMA copolymer for methotrexate delivery. <i>Nano Structures Nano Objects</i> , 2021, 25, 100675.	3.5	7
6	Magnetic Graphene Oxide as a Carrier for Lipases Immobilization: An Approach for Hydrolysis of Olive Oil Emulsion. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 065008.	1.8	2
7	Evaluation of antiplasmodial activity and cytotoxicity assays of amino acids functionalized magnetite nanoparticles: Hyperthermia and flow cytometry applications. <i>Materials Science and Engineering C</i> , 2021, 125, 112097.	7.3	10
8	Silver nanoparticles stabilized by rhamnolipids: Effect of pH. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111883.	5.0	20
9	Zeta Potential and Colloidal Stability Predictions for Inorganic Nanoparticle Dispersions: Effects of Experimental Conditions and Electrokinetic Models on the Interpretation of Results. <i>Langmuir</i> , 2021, 37, 13379-13389.	3.5	88
10	PEGlyton-SPION surface functionalization with folic acid for magnetic hyperthermia applications. <i>Materials Research Express</i> , 2020, 7, 015078.	1.6	24
11	Synthesis and characterization of magnetic cross-linked enzyme aggregate and its evaluation of the alternating magnetic field (AMF) effects in the catalytic activity. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 516, 167326.	2.3	12
12	Surface engineering of magnetic nanoparticles for hyperthermia and drug delivery. <i>Medical Devices & Sensors</i> , 2020, 3, e10100.	2.7	5
13	Aqueous Nanofluids based on Thioglycolic acid-coated copper sulfide nanoparticles for heat-exchange applications. <i>Journal of Molecular Liquids</i> , 2020, 313, 113391.	4.9	8
14	Esterification influence in thermosensitive behavior of copolymers PNIPAm-co-PAA and PNVCL-co-PAA in magnetic nanoparticles surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 575, 18-26.	4.7	14
15	Synthesis and colloidal characterization of folic acid-modified PEG-b-PCL Micelles for methotrexate delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 228-234.	5.0	43
16	Magnetic cross-linked enzyme aggregates (MCLEAs) applied to biomass conversion. <i>Journal of Solid State Chemistry</i> , 2019, 270, 58-70.	2.9	16
17	Synthesis, characterization and applications of maghemite beads functionalized with rabbit antibodies. <i>Nanotechnology</i> , 2018, 29, 365701.	2.6	8
18	Aqueous Nanofluids Based on Copper MPA: Synthesis and Characterization. <i>Materials Research</i> , 2017, 20, 104-110.	1.3	8

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19	PEGylation of SPIONs by polycondensation reactions: a new strategy to improve colloidal stability in biological media. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	14