

Luciana Magalhães Rebelo Alencar

List of Publications by Year in descending order

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64
papers

1,217
citations

489802

18
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466096

32
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64
all docs

64
docs citations

64
times ranked

1995
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric nanoparticles and nanomicelles of hydroxychloroquine co-loaded with azithromycin potentiate anti-SARS-CoV-2 effect. <i>Journal of Nanostructure in Chemistry</i> , 2023, 13, 263-281.	5.3	13
2	Unusual dimeric flavonoids (brachydins) induce ultrastructural membrane alterations associated with antitumor activity in cancer cell lines. <i>Drug and Chemical Toxicology</i> , 2023, 46, 665-676.	1.2	0
3	Graphene and its derivatives: understanding the main chemical and medicinal chemistry roles for biomedical applications. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 693-727.	5.3	85
4	Nanoparticle conjugated with aptamer anti-MUC1/Y for inflammatory arthritis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112280.	2.5	5
5	[²²³ Ra] RaCl ₂ nanomicelles showed potent effect against osteosarcoma: targeted alpha therapy in the nanotechnology era. <i>Drug Delivery</i> , 2022, 29, 186-191.	2.5	10
6	Nanomicelles of Radium Dichloride [²²³ Ra]RaCl ₂ Co-Loaded with Radioactive Gold [¹⁹⁸ Au]Au Nanoparticles for Targeted Alpha-Beta Radionuclide Therapy of Osteosarcoma. <i>Polymers</i> , 2022, 14, 1405.	2.0	9
7	Lycopene as a Multifunctional Platform for the Treatment of Cancer and Inflammation. <i>Revista Brasileira De Farmacognosia</i> , 2022, 32, 321-330.	0.6	5
8	Radiolabeled nanomaterials for biomedical applications: radiopharmacy in the era of nanotechnology. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2022, 7, 8.	1.8	36
9	New Insights into Hemolytic Anemias: Ultrastructural and Nanomechanical Investigation of Red Blood Cells Showed Early Morphological Changes. <i>Journal of Biomedical Nanotechnology</i> , 2022, 18, 405-421.	0.5	3
10	High doses of graphene quantum dots impacts on microcirculation system: An observational study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 176, 180-187.	2.0	3
11	Layer-by-Layer Investigation of Ultrastructures and Biomechanics of Human Cornea. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7833.	1.8	4
12	Tertiary Nanosystem Composed of Graphene Quantum Dots, Levofloxacin and Silver Nitrate for Microbiological Control. <i>Recent Advances in Drug Delivery and Formulation</i> , 2022, 16, 234-240.	0.3	1
13	Graphene quantum dots decorated with imatinib for leukemia treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102117.	1.4	14
14	Graphene: Insights on Biological, Radiochemical and Ecotoxicological Aspects. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 131-148.	0.5	10
15	Combination of synthetic anthelmintics and monoterpenes: Assessment of efficacy, and ultrastructural and biophysical properties of <i>Haemonchus contortus</i> using atomic force microscopy. <i>Veterinary Parasitology</i> , 2021, 290, 109345.	0.7	11
16	Dual Encapsulated Dacarbazine and Zinc Phthalocyanine Polymeric Nanoparticle for Photodynamic Therapy of Melanoma. <i>Pharmaceutical Research</i> , 2021, 38, 335-346.	1.7	20
17	Factors affecting the biological response of Graphene. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111767.	2.5	7
18	Biomedical application of graphitic carbon nitrides: tissue deposition in vivo, induction of reactive oxygen species (ROS) and cell viability in tumor cells. <i>Nanotechnology</i> , 2021, 32, 435301.	1.3	5

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19	New Insights into Anthelmintic Mechanisms of Action of a Synthetic Peptide: An Ultrastructural and Nanomechanical Approach. <i>Polymers</i> , 2021, 13, 2370.	2.0	4
20	SARS-CoV-2 Unrevealed: Ultrastructural and Nanomechanical Analysis. <i>Langmuir</i> , 2021, 37, 10762-10769.	1.6	11
21	Distinct Methodologies to Produce Capped Mesoporous Silica with Hydroxyapatite and the Influence in Intracellular Signaling as Cytotoxicity on Human Umbilical Vein Endothelial Cells. <i>Bioengineering</i> , 2021, 8, 125.	1.6	2
22	Preliminary studies on drug delivery of polymeric primaquine microparticles using the liver high uptake effect based on size of particles to improve malaria treatment. <i>Materials Science and Engineering C</i> , 2021, 128, 112275.	3.8	12
23	Rheumatoid arthritis treatment using hydroxychloroquine and methotrexate co-loaded nanomicelles: In vivo results. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111952.	2.5	13
24	Graphene Quantum Dots for Molecular Radiotherapy: Radiolabeled Graphene Quantum Dots with Radium (223Ra) Showed Potent Effect Against Bone Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 1858-1865.	0.5	2
25	Interdigitated Electrode for Electrical Characterization of Commercial Pseudo-Binary Biodiesel "Diesel Blends. <i>Sensors</i> , 2021, 21, 7288.	2.1	5
26	Assessment of biophysical properties of <i>Haemonchus contortus</i> from different life cycle stages with atomic force microscopy. <i>Ultramicroscopy</i> , 2020, 209, 112862.	0.8	5
27	Using graphene quantum dots for treating radioactive liquid waste. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3508-3512.	2.7	3
28	Radioactive gold nanocluster (198-AuNCs) showed inhibitory effects on cancer cells lines. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1214-1221.	1.9	12
29	Senescence and the Impact on Biodistribution of Different Nanosystems: the Discrepancy on Tissue Deposition of Graphene Quantum Dots, Polycaprolactone Nanoparticle and Magnetic Mesoporous Silica Nanoparticles in Young and Elder Animals. <i>Pharmaceutical Research</i> , 2020, 37, 40.	1.7	16
30	Oral Treatment of Spontaneously Hypertensive Rats with Captopril-Surface Functionalized Furosemide-Loaded Multi-Wall Lipid-Core Nanocapsules. <i>Pharmaceutics</i> , 2020, 12, 80.	2.0	11
31	Lycopene used as Anti-inflammatory Nanodrug for the Treatment of Rheumatoid Arthritis: Animal assay, Pharmacokinetics, ABC Transporter and Tissue Deposition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110814.	2.5	23
32	Molecular and Cellular Risk Assessment of Healthy Human Cells and Cancer Human Cells Exposed to Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 230.	1.8	16
33	Engineered High-Loaded Mixed-Monoclonal Antibodies (Adalimumab, Rituximab and Trastuzumab) Polymeric Nanoparticle for Rheumatoid Arthritis Treatment: A Proof of Concept. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 1254-1266.	0.5	5
34	Ocotreotide Nanoparticles Showed Affinity for In Vivo MIA Paca-2 Inducted Pancreas Ductal Adenocarcinoma Mimicking Pancreatic Polypeptide-Secreting Tumor of the Distal Pancreas (PPoma). <i>Pharmaceutical Research</i> , 2019, 36, 143.	1.7	9
35	Temperature-dependent phonon dynamics of supported and suspended monolayer tungsten diselenide. <i>AIP Advances</i> , 2019, 9, .	0.6	27
36	Graphene quantum dots nanoparticles changed the rheological properties of hydrophilic gels (carbopol). <i>Journal of Molecular Liquids</i> , 2019, 287, 110949.	2.3	14

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37	Graphene quantum dots unraveling: Green synthesis, characterization, radiolabeling with ^{99m} Tc, in vivo behavior and mutagenicity. <i>Materials Science and Engineering C</i> , 2019, 102, 405-414.	3.8	43
38	Colorectal Adenocarcinoma: Imaging using 5-Fluoracil Nanoparticles Labeled with Technetium 99 Metastable. <i>Current Pharmaceutical Design</i> , 2019, 25, 3282-3288.	0.9	2
39	<i>In loco</i> retention effect of magnetic core mesoporous silica nanoparticles doped with trastuzumab as intralesional nanodrug for breast cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 725-733.	1.9	8
40	Analytical model of atomic-force-microscopy force curves in viscoelastic materials exhibiting power law relaxation. <i>Journal of Applied Physics</i> , 2017, 121, .	1.1	37
41	Experimental Diabetes Alters the Morphology and Nano-Structure of the Achilles Tendon. <i>PLoS ONE</i> , 2017, 12, e0169513.	1.1	14
42	Physicochemical Characterizations of Nanoparticles Used for Bioenergy and Biofuel Production. <i>Green Chemistry and Sustainable Technology</i> , 2017, , 173-191.	0.4	2
43	A 2S Albumin from the Seed Cake of <i>Ricinus communis</i> Inhibits Trypsin and Has Strong Antibacterial Activity against Human Pathogenic Bacteria. <i>Journal of Natural Products</i> , 2016, 79, 2423-2431.	1.5	18
44	Proteomic analysis and purification of an unusual germin-like protein with proteolytic activity in the latex of <i>Thevetia peruviana</i> . <i>Planta</i> , 2016, 243, 1115-1128.	1.6	20
45	In vitro evaluation of anti-calcification and anti-coagulation on sulfonated chitosan and carrageenan surfaces. <i>Materials Science and Engineering C</i> , 2016, 59, 241-248.	3.8	27
46	Peptidases and peptidase inhibitors in gut of caterpillars and in the latex of their host plants. <i>Planta</i> , 2015, 241, 167-178.	1.6	7
47	Crystal structure of an antifungal osmotin-like protein from <i>Calotropis procera</i> and its effects on <i>Fusarium solani</i> spores, as revealed by atomic force microscopy: Insights into the mechanism of action. <i>Phytochemistry</i> , 2015, 119, 5-18.	1.4	35
48	<i>Agaricus brasiliensis</i> mushroom betaglucans solutions: Physicochemical properties and griseofulvin solubilization by self-assembly micro-nano particles formation. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2014, 4, 144-154.	1.5	10
49	Micromorphology and microrheology of modified bitumen by atomic force microscopy. <i>Road Materials and Pavement Design</i> , 2014, 15, 300-311.	2.0	17
50	Ethanol-Induced Gastric Injury: Microscopic Analysis of the Protective Effect of Frutalin. <i>International Journal of Peptide Research and Therapeutics</i> , 2014, 20, 325-332.	0.9	4
51	Aging of asphaltic binders investigated with atomic force microscopy. <i>Fuel</i> , 2014, 117, 15-25.	3.4	102
52	Microparticles of Aloe vera/vitamin E/chitosan: Microscopic, a nuclear imaging and an in vivo test analysis for burn treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 292-300.	2.0	48
53	Microrheology of cells with magnetic force modulation atomic force microscopy. <i>Soft Matter</i> , 2014, 10, 2141-2149.	1.2	28
54	Comparison of the viscoelastic properties of cells from different kidney cancer phenotypes measured with atomic force microscopy. <i>Nanotechnology</i> , 2013, 24, 055102.	1.3	176

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55	Glutamine and Alanyl-Glutamine Increase RhoA Expression and Reduce Clostridium difficile Toxin-A-Induced Intestinal Epithelial Cell Damage. BioMed Research International, 2013, 2013, 1-13.	0.9	14
56	Thickness-corrected model for nanoindentation of thin films with conical indenters. Soft Matter, 2012, 8, 4441.	1.2	40
57	Biochemical, physicochemical and molecular characterization of a genuine 2-Cys-peroxiredoxin purified from cowpea [Vigna unguiculata (L.) Walpers] leaves. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1128-1140.	1.1	2
58	Diverse deformation properties of polymeric nanocapsules and lipid-core nanocapsules. Soft Matter, 2011, 7, 7240.	1.2	59
59	New approach for petroleum hydrocarbon degradation using bacterial spores entrapped in chitosan beads. Bioresource Technology, 2010, 101, 2121-2125.	4.8	39
60	Healing potential of Pequi (Caryocar coriaceum Wittm.) fruit pulp oil. Phytochemistry Letters, 2009, 2, 179-183.	0.6	31
61	Towards Using Multiferroism in Optoelectronics and Spintronics: Tunneling, Confinement and Optical Properties of Si/BiMnO3 Systems. AIP Conference Proceedings, 2005, , .	0.3	1
62	New Insights Into Hemolytic Anemias: Ultrastructural and Nanomechanical Investigation of Red Blood Cells Showed Early Morphological Changes. SSRN Electronic Journal, 0, , .	0.4	2
63	MARCADORES DE SUPERFÍCIE PARA CÃ%LULAS DE LEUCEMIAS MIELOBLÃSTICAS: UMA PROPOSTA ATRAVÃ%S DA MICROSCOPIA DE FORÃ%A ATÃ”MICA. , 0, , .		0
64	MICROSCOPIA DE VARREDURA POR SONDA: UMA INTRODUÃ”O Ã€ CARACTERIZAÃ”O DAS PROPRIEDADES ULTRAESTRUTURAIS DE SUPERFÃCIE E MAGNÃ%TICAS DE NANOPARTÃCULAS DE SÃLICA E GRAFENO. , 0, , .		0