Humberto BrandÃ£o

List of Publications by Year
in descending order

45 papers	623 citations	687220 13 h-index	642610 23 g-index
45 all docs	45 docs citations	45 times ranked	1142 citing authors

#	Article	IF	Citations
1	Cytocompatibility of carboxylated multi-wall carbon nanotubes in stem cells from human exfoliated deciduous teeth. Nanotechnology, 2022, 33, 065101.	1.3	1
2	Cytocompatibility and osteogenic differentiation of stem cells from human exfoliated deciduous teeth with cotton cellulose nanofibers for tissue engineering and regenerative medicine. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 627-650.	1.9	1
3	Challenges in the use of nanostructures as carriers of nucleic acids in clinical practice. Einstein (Sao) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	0
4	Influence of reactive oxygen and nitrogen species on udder health and milk quality. Revista Do Instituto De LatÃcinios CÃ¢ndido Tostes, 2022, 76, 131-141.	0.3	1
5	Effects of silver nanoparticles prenatal exposure on rat offspring development. Environmental Toxicology and Pharmacology, 2021, 81, 103546.	2.0	10
6	Cloxacillin nanostructured formulation for the treatment of bovine keratoconjunctivitis. Veterinary and Animal Science, 2020, 9, 100089.	0.6	4
7	Improved anti-Cutibacterium acnes activity of tea tree oil-loaded chitosan-poly(Îµ-caprolactone) core-shell nanocapsules. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111371.	2.5	23
8	Preparation, Characterization and In Vivo Biocompatibility Studies of Cotton Cellulose Nanofibers. Journal of Nanoscience and Nanotechnology, 2020, 20, 6532-6541.	0.9	4
9	Induction of osteogenic differentiation by demineralized and decellularized bovine extracellular matrix derived hydrogels associated with barium titanate. Biologicals, 2020, 66, 9-16.	0.5	7
10	Lipopolysaccharide triggers different transcriptional signatures in taurine and indicine cattle macrophages: Reactive oxygen species and potential outcomes to the development of immune response to infections. PLoS ONE, 2020, 15, e0241861.	1.1	5
11	Experimental planning applied to the synthesis of superabsorbent polymer by acrylic acid graft in pectin extracted from passion fruit peel. Materials Research Express, 2019, 6, 095328.	0.8	5
12	Cotton cellulose nanofiber/chitosan nanocomposite: characterization and evaluation of cytocompatibility. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 1489-1504.	1.9	7
13	Cloxacillin benzathine-loaded polymeric nanocapsules: Physicochemical characterization, cell uptake, and intramammary antimicrobial effect. Materials Science and Engineering C, 2019, 104, 110006.	3.8	15
14	Isolated perfused udder model for transcriptome analysis in response toStreptococcus agalactiae. Journal of Dairy Research, 2019, 86, 307-314.	0.7	12
15	In vitro evaluation of barium titanate nanoparticle/alginate 3D scaffold for osteogenic human stem cell differentiation. Biomedical Materials (Bristol), 2019, 14, 035011.	1.7	12
16	Volatile compounds monitoring as indicative of female cattle fertile period using electronic nose. Sensors and Actuators B: Chemical, 2019, 282, 609-616.	4.0	21
17	Genetic diversity and antimicrobial resistance in Staphylococcus aureus and coagulaseâ€negative Staphylococcus isolates from bovine mastitis in Minas Gerais, Brazil. MicrobiologyOpen, 2019, 8, e00736.	1.2	15
18	Functionalization of poly(epichlorohydrin) using sodium hydrogen squarate: cytotoxicity and compatibility in blends with chitosan. Polymer Bulletin, 2018, 75, 4627-4639.	1.7	5

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19	Biocompatibility and adsorption properties of hydrogels obtained by graft polymerization of acrylic acid on cellulose from rice hulls. Iranian Polymer Journal (English Edition), 2018, 27, 1023-1032.	1.3	3
20	Biocompatible electrospun nanofibers containing cloxacillin: Antibacterial activity and effect of pH on the release profile. Reactive and Functional Polymers, 2018, 132, 26-35.	2.0	37
21	Relationship between virulence factor genes in coagulase-negative Staphylococcus spp. and failure of antimicrobial treatment of subclinical mastitis in sheep. Pesquisa Veterinaria Brasileira, 2018, 38, 579-585.	0.5	4
22	Cytotoxicity and Compatibility of Polymeric Blend: Evaluation of the Cytotoxicity in Fibroblast Bovine Cells and Compatibility of Poly(É›-Caprolactone)/Poly(Methyl Methacrylate-co-Butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Tc	1.9	8
23	Effect of Multi-walled Carbon Nanotubes on Metabolism and Morphology of Filamentous Green Microalgae. Archives of Environmental Contamination and Toxicology, 2017, 73, 649-658.	2.1	12
24	Using carbon nanotubes to deliver genes to hard-to-transfect mammalian primary fibroblast cells. Biomedical Physics and Engineering Express, 2017, 3, 045002.	0.6	11
25	SHORT-COMMUNICATION Evaluation of perfused bovine udder for gene expression studies in dairy cows. Genetics and Molecular Research, 2017, 16, .	0.3	4
26	Uso de antimicrobiano nanoparticulado para o tratamento da mastite subclÃnica de ovelhas de corte no perÃodo seco. Pesquisa Veterinaria Brasileira, 2016, 36, 826-830.	0.5	4
27	Mucoadhesive nanoparticles: a new perspective for fish drug application. Journal of Fish Diseases, 2016, 39, 503-506.	0.9	11
28	Efficient delivery of DNA into bovine preimplantation embryos by multiwall carbon nanotubes. Scientific Reports, 2016, 6, 33588.	1.6	21
29	Biocompatibility assessment of fibrous nanomaterials in mammalian embryos. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1151-1159.	1.7	9
30	Postharvest Quality of Fresh-Cut Carrots Packaged in Plastic Films Containing Silver Nanoparticles. Food and Bioprocess Technology, 2016, 9, 637-649.	2.6	40
31	Zoo-sanitary aspects of goat husbandry in Southeastern Brazil. Semina:Ciencias Agrarias, 2015, 36, 277.	0.1	2
32	Gene expression profile in zebu dairy cows (Bos taurus indicus) with mastitis caused by Streptococcus agalactiae. Livestock Science, 2015, 180, 47-57.	0.6	9
33	Size-dependent ecotoxicity of barium titanate particles: the case of Chlorella vulgaris green algae. Ecotoxicology, 2015, 24, 938-948.	1.1	21
34	Direct and indirect toxic effects of cotton-derived cellulose nanofibres on filamentous green algae. Ecotoxicology and Environmental Safety, 2015, 122, 399-405.	2.9	18
35	Protection Provided by an Encapsulated Live Attenuated Î”abcBAStrain of Brucella ovis against Experimental Challenge in a Murine Model. Vaccine Journal, 2015, 22, 789-797.	3.2	21
36	Encapsulated Brucella ovis Lacking a Putative ATP-Binding Cassette Transporter (Î”abcBA) Protects against Wild Type Brucella ovis in Rams. PLoS ONE, 2015, 10, e0136865.	1.1	19

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37	Synthesis, Vibrational Spectroscopic and Thermal Properties of Oxocarbon Cross-Linked Chitosan. Journal of the Brazilian Chemical Society, 2015, , .	0.6	7
38	Chitosan and Poly(Methyl Methacrylate-Co-Butyl Methacrylate) Bioblends: A Compatibility Study. Polymer-Plastics Technology and Engineering, 2014, 53, 319-326.	1.9	6
39	Ecotoxicological studies of micro- and nanosized barium titanate on aquatic photosynthetic microorganisms. Aquatic Toxicology, 2014, 154, 58-70.	1.9	18
40	Ecotoxicological effects of carbon nanotubes and cellulose nanofibers in Chlorella vulgaris. Journal of Nanobiotechnology, 2014, 12, 15.	4.2	67
41	Technological level and epidemiological aspects of sheep husbandry in Minas Gerais, southeastern Brazil. Pesquisa Veterinaria Brasileira, 2014, 34, 865-868.	0.5	0
42	Cytotoxicity and expression of genes involved in the cellular stress response and apoptosis in mammalian fibroblast exposed to cotton cellulose nanofibers. Nanotechnology, 2013, 24, 075103.	1.3	106
43	Management practices to control gastrointestinal parasites in sheep farms in Minas Gerais, southeastern Brazil. Pesquisa Veterinaria Brasileira, 2013, 33, 464-468.	0.5	2
44	Nanotubos de carbono aplicados Ãs neurociÃªncias: perspectivas e desafios. Revista De Psiquiatria Clinica, 2011, 38, 201-206.	0.6	5
45	Spectroscopic and thermogravimetric study of chitosan after incubation in bovine rumen. Journal of Molecular Structure, 2011, 1005, 186-191.	1.8	10