

Joana Barros

List of Publications by Year in descending order

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18
papers

622
citations

516710

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docs citations

19
times ranked

1114
citing authors

#	ARTICLE	IF	CITATIONS
1	Vancomycin-loaded chitosan aerogel particles for chronic wound applications. <i>Carbohydrate Polymers</i> , 2019, 204, 223-231.	10.2	136
2	Alginate-nanohydroxyapatite hydrogel system: Optimizing the formulation for enhanced bone regeneration. <i>Materials Science and Engineering C</i> , 2019, 105, 109985.	7.3	53
3	Lytic bacteriophages against multidrug-resistant <i>Staphylococcus aureus</i> , <i>Enterococcus faecalis</i> and <i>Escherichia coli</i> isolates from orthopaedic implant-associated infections. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 329-337.	2.5	44
4	Encapsulated bacteriophages in alginate-nanohydroxyapatite hydrogel as a novel delivery system to prevent orthopedic implant-associated infections. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102145.	3.3	44
5	Jet Cutting Technique for the Production of Chitosan Aerogel Microparticles Loaded with Vancomycin. <i>Polymers</i> , 2020, 12, 273.	4.5	43
6	Antimicrobial Properties and Osteogenicity of Vancomycin-Loaded Synthetic Scaffolds Obtained by Supercritical Foaming. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3349-3360.	8.0	42
7	Gilthead Seabream (<i>Sparus aurata</i>) as Carriers of SHV-12 and TEM-52 Extended-Spectrum Beta-Lactamases-Containing <i>Escherichia coli</i> Isolates. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 1139-1141.	1.8	35
8	<i>In vitro</i> antimicrobial activity and biocompatibility of propolis containing nanohydroxyapatite. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 025004.	3.3	31
9	Gilthead seabream (<i>Sparus aurata</i>) carrying antibiotic resistant enterococci. A potential bioindicator of marine contamination?. <i>Marine Pollution Bulletin</i> , 2011, 62, 1245-1248.	5.0	27
10	Mismatch discrimination in fluorescent in situ hybridization using different types of nucleic acids. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 3961-3969.	3.6	26
11	<i>Staphylococcus aureus</i> and <i>Escherichia coli</i> dual-species biofilms on nanohydroxyapatite loaded with CHX or ZnO nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 491-497.	4.0	19
12	Lidocaine-Loaded Solid Lipid Microparticles (SLMPs) Produced from Gas-Saturated Solutions for Wound Applications. <i>Pharmaceutics</i> , 2020, 12, 870.	4.5	19
13	Detection of vanA-Containing <i>Enterococcus</i> Species in Faecal Microbiota of Gilthead Seabream (<i>Sparus aurata</i>). <i>Microbes and Environments</i> , 2012, 27, 509-511.	1.6	18
14	Influence of nanohydroxyapatite surface properties on <i>Staphylococcus epidermidis</i> biofilm formation. <i>Journal of Biomaterials Applications</i> , 2014, 28, 1325-1335.	2.4	18
15	A Pathway From Porous Particle Technology Toward Tailoring Aerogels for Pulmonary Drug Administration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 671381.	4.1	18
16	Anti-sessile bacterial and cytocompatibility properties of CHX-loaded nanohydroxyapatite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 130, 305-314.	5.0	17
17	A minocycline-releasing PMMA system as a space maintainer for staged bone reconstructions: <i>In vitro</i> antibacterial, cytocompatibility and anti-inflammatory characterization. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 035009.	3.3	11
18	A modular reactor to simulate biofilm development in orthopedic materials. <i>International Microbiology</i> , 2013, 16, 191-8.	2.4	6