

Jorge Padrão

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

993
citations

566801

15
h-index

433756

31
g-index

37
all docs

37
docs citations

37
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial cellulose-lactoferrin as an antimicrobial edible packaging. <i>Food Hydrocolloids</i> , 2016, 58, 126-140.	5.6	117
2	Laccase immobilization on bacterial nanocellulose membranes: Antimicrobial, kinetic and stability properties. <i>Carbohydrate Polymers</i> , 2016, 145, 1-12.	5.1	90
3	PHB-PEO electrospun fiber membranes containing chlorhexidine for drug delivery applications. <i>Polymer Testing</i> , 2014, 34, 64-71.	2.3	87
4	Activity of Specialized Biomolecules against Gram-Positive and Gram-Negative Bacteria. <i>Antibiotics</i> , 2020, 9, 314.	1.5	77
5	Electrospun silk-elastin-like fibre mats for tissue engineering applications. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 065009.	1.7	67
6	Antimicrobial and antioxidant linen via laccase-assisted grafting. <i>Reactive and Functional Polymers</i> , 2011, 71, 713-720.	2.0	66
7	Thermal and hydrolytic degradation of electrospun fish gelatin membranes. <i>Polymer Testing</i> , 2013, 32, 995-1000.	2.3	66
8	Bacterial Cellulose As a Support for the Growth of Retinal Pigment Epithelium. <i>Biomacromolecules</i> , 2015, 16, 1341-1351.	2.6	57
9	Tailoring Bacteria Response by Piezoelectric Stimulation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27297-27305.	4.0	51
10	Acetylated bacterial cellulose coated with urinary bladder matrix as a substrate for retinal pigment epithelium. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 1-9.	2.5	39
11	Polysaccharides and Metal Nanoparticles for Functional Textiles: A Review. <i>Nanomaterials</i> , 2022, 12, 1006.	1.9	37
12	Antibacterial performance of bovine lactoferrin-fish gelatine electrospun membranes. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 608-614.	3.6	27
13	High Level Biosynthesis of a Silk-Elastin-like Protein in <i>E. coli</i> . <i>Biomacromolecules</i> , 2014, 15, 2701-2708.	2.6	24
14	Mindfulness and Other Simple Neuroscience-Based Proposals to Promote the Learning Performance and Mental Health of Students during the COVID-19 Pandemic. <i>Brain Sciences</i> , 2021, 11, 552.	1.1	22
15	Exploiting the Sequence of Naturally Occurring Elastin: Construction, Production and Characterization of a Recombinant Thermoplastic Protein-Based Polymer. <i>Journal of Nano Research</i> , 2009, 6, 133-145.	0.8	19
16	Stabilization of Silver Nanoparticles on Polyester Fabric Using Organo-Matrices for Controlled Antimicrobial Performance. <i>Polymers</i> , 2022, 14, 1138.	2.0	18
17	Modifying Fish Gelatin Electrospun Membranes for Biomedical Applications: Cross-Linking and Swelling Behavior. <i>Soft Materials</i> , 2014, 12, 247-252.	0.8	16
18	Inhibition of Escherichia Virus MS2, Surrogate of SARS-CoV-2, via Essential Oils-Loaded Electrospun Fibrous Mats: Increasing the Multifunctionality of Antivirus Protection Masks. <i>Pharmaceutics</i> , 2022, 14, 303.	2.0	13

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19	Processing and characterization of $\hat{1}\pm$ -elastin electrospun membranes. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 1291-1298.	1.1	12
20	Advanced Material Against Human (Including Covid-19) and Plant Viruses: Nanoparticles As a Feasible Strategy. <i>Global Challenges</i> , 2021, 5, 2000049.	1.8	12
21	BSA/HSA ratio modulates the properties of Ca ²⁺ -induced cold gelation scaffolds. <i>International Journal of Biological Macromolecules</i> , 2016, 89, 535-544.	3.6	9
22	Effect of bacterial nanocellulose binding on the bactericidal activity of bovine lactoferrin. <i>Heliyon</i> , 2020, 6, e04372.	1.4	9
23	In Situ Synthesis of Copper Nanoparticles on Dielectric Barrier Discharge Plasma-Treated Polyester Fabrics at Different Reaction pHs. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3908-3918.	2.0	9
24	The first sequenced <i>Sphaerotilus natans</i> bacteriophage characterization and potential to control its filamentous bacterium host. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	8
25	Bacteria co-culture adhesion on different texturized zirconia surfaces. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 123, 104786.	1.5	7
26	A Comprehensive Analysis of the UVC LEDs™ Applications and Decontamination Capability. <i>Materials</i> , 2022, 15, 2854.	1.3	7
27	Development of an Ultraviolet-C Irradiation Room in a Public Portuguese Hospital for Safe Re-Utilization of Personal Protective Respirators. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4854.	1.2	6
28	Aging Effect on Functionalized Silver-Based Nanocoating Braided Coronary Stents. <i>Coatings</i> , 2020, 10, 1234.	1.2	5
29	Testing, characterization and regulations of antimicrobial textiles. , 2021, , 485-511.		4
30	Nitrifying Soil Bacterium <i>Nitrosomonas europaea</i> : Operational Improvement of Standard Culture Medium. <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 270-276.	1.7	3
31	In vitro interactions between the ectomycorrhizal <i>Pisolithus tinctorius</i> and the saprotroph <i>Hypholoma fasciculare</i> fungi: morphological aspects and volatile production. <i>Mycology</i> , 2021, 12, 216-229.	2.0	3
32	Characterization of a natural surfactant from an essential oil from neem (<i>Azadirachta indica</i> A. Juss) for textile industry applications. <i>Textile Research Journal</i> , 0, , 004051752110075.	1.1	2
33	Growth optimization of marine diatom <i>Amphora</i> sp. by tailoring silica and nitrate concentration. <i>Frontiers in Marine Science</i> , 0, 5, .	1.2	1
34	Nonwoven materials and technologies for medical applications. , 2022, , 605-661.		1
35	Negative impacts of cleaning agent DEPTAL MCL® on activated sludge wastewater treatment system. <i>Science of the Total Environment</i> , 2022, 838, 155957.	3.9	0
36	Extraction of Cellulose-Based Polymers from Textile Wastes. <i>Polymers</i> , 2022, 14, 2063.	2.0	0