

Susana C Pinto

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

300
citations

932766

10
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification of a thermoplastic polyurethane by low-pressure plasma treatment to improve hydrophilicity. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2302-2308.	1.3	54
2	Bacterial cellulose/graphene oxide aerogels with enhanced dimensional and thermal stability. <i>Carbohydrate Polymers</i> , 2020, 230, 115598.	5.1	50
3	Catalytic activity of trypsin entrapped in electrospun poly(μ -caprolactone) nanofibers. <i>Enzyme and Microbial Technology</i> , 2015, 79-80, 8-18.	1.6	37
4	Multifunctional hybrid structures made of open-cell aluminum foam impregnated with cellulose/graphene nanocomposites. <i>Carbohydrate Polymers</i> , 2020, 238, 116197.	5.1	26
5	Characterization and physical properties of aluminium foam-polydimethylsiloxane nanocomposite hybrid structures. <i>Composite Structures</i> , 2019, 230, 111521.	3.1	22
6	Hybrid Structures Made of Polyurethane/Graphene Nanocomposite Foams Embedded within Aluminum Open-Cell Foam. <i>Metals</i> , 2020, 10, 768.	1.0	22
7	Graphene-Enriched Agglomerated Cork Material and Its Behaviour under Quasi-Static and Dynamic Loading. <i>Materials</i> , 2019, 12, 151.	1.3	17
8	Preparation and Characterization of Graphene Oxide Aerogels: Exploring the Limits of Supercritical CO ₂ Fabrication Methods. <i>Chemistry - A European Journal</i> , 2018, 24, 15903-15911.	1.7	15
9	Mechanical, Thermal, and Acoustic Properties of Aluminum Foams Impregnated with Epoxy/Graphene Oxide Nanocomposites. <i>Metals</i> , 2019, 9, 1214.	1.0	12
10	Boosting in vitro cartilage tissue engineering through the fabrication of polycaprolactone-gelatin 3D scaffolds with specific depth-dependent fiber alignments and mechanical stimulation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 117, 104373.	1.5	12
11	Polysaccharide Based Hybrid Materials. <i>Springer Briefs in Molecular Science</i> , 2018, , .	0.1	9
12	Multiscale Sensing of Bone-Implant Loosening for Multifunctional Smart Bone Implants: Using Capacitive Technologies for Precision Controllability. <i>Sensors</i> , 2022, 22, 2531.	2.1	8
13	Ultraviolet Functionalization of Electrospun Scaffolds to Activate Fibrous Runways for Targeting Cell Adhesion. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 159.	2.0	7
14	Physical and mass transfer properties of electrospun ϵ -polycaprolactone nanofiber membranes. <i>Process Biochemistry</i> , 2015, 50, 885-892.	1.8	6
15	Biomimetic Graphene/Spongins Scaffolds for Improved Osteoblasts Bioactivity via Dynamic Mechanical Stimulation. <i>Macromolecular Bioscience</i> , 2021, 22, 2100311.	2.1	3