

Sara M Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

811
citations

471061

17
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

1449
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell interactions with superhydrophilic and superhydrophobic surfaces. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 843-863.	1.4	123
2	Chemical modification of bioinspired superhydrophobic polystyrene surfaces to control cell attachment/proliferation. <i>Soft Matter</i> , 2011, 7, 8932.	1.2	100
3	3D printed functional cookies fortified with <i>Arthrospira platensis</i> : Evaluation of its antioxidant potential and physical-chemical characterization. <i>Food Hydrocolloids</i> , 2020, 107, 105893.	5.6	76
4	Extraction and characterization of collagen from Antarctic and Sub-Antarctic squid and its potential application in hybrid scaffolds for tissue engineering. <i>Materials Science and Engineering C</i> , 2017, 78, 787-795.	3.8	52
5	Towards the design of 3D multiscale instructive tissue engineering constructs: Current approaches and trends. <i>Biotechnology Advances</i> , 2015, 33, 842-855.	6.0	49
6	High-throughput Topographic, Mechanical, and Biological Screening of Multilayer Films Containing Mussel-Inspired Biopolymers. <i>Advanced Functional Materials</i> , 2016, 26, 2745-2755.	7.8	49
7	Layer-by-layer assembled cell instructive nanocoatings containing platelet lysate. <i>Biomaterials</i> , 2015, 48, 56-65.	5.7	48
8	Sensorial Perception of Astringency: Oral Mechanisms and Current Analysis Methods. <i>Foods</i> , 2020, 9, 1124.	1.9	36
9	Printability, microstructure, and flow dynamics of phase-separated edible 3D inks. <i>Food Hydrocolloids</i> , 2020, 109, 106120.	5.6	36
10	Nanocoatings containing sulfated polysaccharides prepared by layer-by-layer assembly as models to study cell-material interactions. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4406.	2.9	33
11	Development of an injectable system based on elastin-like recombinamer particles for tissue engineering applications. <i>Soft Matter</i> , 2011, 7, 6426.	1.2	31
12	Structural monitoring and modeling of the mechanical deformation of three-dimensional printed poly(ϵ -caprolactone) scaffolds. <i>Biofabrication</i> , 2017, 9, 025015.	3.7	30
13	Assembling Human Platelet Lysate into Multiscale 3D Scaffolds for Bone Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 2-6.	2.6	29
14	Hierarchical Fibrillar Scaffolds Obtained by Non-conventional Layer-by-Layer Electrostatic Self-Assembly. <i>Advanced Healthcare Materials</i> , 2013, 2, 422-427.	3.9	27
15	Assembly of cell-laden hydrogel fiber into non-liquefied and liquefied 3D spiral constructs by perfusion-based layer-by-layer technique. <i>Biofabrication</i> , 2015, 7, 011001.	3.7	27
16	Platelet lysate-based pro-angiogenic nanocoatings. <i>Acta Biomaterialia</i> , 2016, 32, 129-137.	4.1	27
17	How additive manufacturing can boost the bioactivity of baked functional foods. <i>Journal of Food Engineering</i> , 2021, 294, 110394.	2.7	19