

Sofia G Caridade

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55 papers	3,405 citations	29 h-index	57 g-index
57 ext. papers	3,763 ext. citations	6.6 avg, IF	5.14 L-index

#	Paper	IF	Citations
55	Sublingual protein delivery by a mucoadhesive patch made of natural polymers. <i>Acta Biomaterialia</i> , 2021 , 128, 222-235	10.8	4
54	Adhesive free-standing multilayer films containing sulfated levan for biomedical applications. <i>Acta Biomaterialia</i> , 2018 , 69, 183-195	10.8	42
53	Nanostructured Biopolymer/Few-Layer Graphene Freestanding Films with Enhanced Mechanical and Electrical Properties. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700316	3.9	5
52	Nanoengineering Hybrid Supramolecular Multilayered Biomaterials Using Polysaccharides and Self-Assembling Peptide Amphiphiles. <i>Advanced Functional Materials</i> , 2017 , 27, 1605122	15.6	42
51	Injectable Hyaluronic Acid Hydrogels Enriched with Platelet Lysate as a Cryostable Off-the-Shelf System for Cell-Based Therapies. <i>Regenerative Engineering and Translational Medicine</i> , 2017 , 3, 53-69	2.4	12
50	Biomaterials: Nanoengineering Hybrid Supramolecular Multilayered Biomaterials Using Polysaccharides and Self-Assembling Peptide Amphiphiles (Adv. Funct. Mater. 17/2017). <i>Advanced Functional Materials</i> , 2017 , 27,	15.6	2
49	Screening of Nanocomposite Scaffolds Arrays Using Superhydrophobic-Wettable Micropatterns. <i>Advanced Functional Materials</i> , 2017 , 27, 1701219	15.6	14
48	Biomedical films of graphene nanoribbons and nanoflakes with natural polymers. <i>RSC Advances</i> , 2017 , 7, 27578-27594	3.7	12
47	Control of Cell Alignment and Morphology by Redesigning ECM-Mimetic Nanotopography on Multilayer Membranes. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601462	10.1	18
46	Engineering Membranes for Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2017 , 23, 1502-1533	3.9	12
45	Synthesis and characterization of bioactive biodegradable chitosan composite spheres with shape memory capability. <i>Journal of Non-Crystalline Solids</i> , 2016 , 432, 158-166	3.9	26
44	Enzymatic Degradation of Polysaccharide-Based Layer-by-Layer Structures. <i>Biomacromolecules</i> , 2016 , 17, 1347-57	6.9	50
43	Polysaccharide-based freestanding multilayered membranes exhibiting reversible switchable properties. <i>Soft Matter</i> , 2016 , 12, 1200-9	3.6	14
42	Moldable Superhydrophobic Surfaces. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600074	4.6	5
41	High performance free-standing films by layer-by-layer assembly of graphene flakes and ribbons with natural polymers. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 7718-7730	7.3	12
40	Unraveling the effect of the hydration level on the molecular mobility of nanolayered polymeric systems. <i>Macromolecular Rapid Communications</i> , 2015 , 36, 405-12	4.8	16
39	Development of Injectable Hyaluronic Acid/Cellulose Nanocrystals Bionanocomposite Hydrogels for Tissue Engineering Applications. <i>Bioconjugate Chemistry</i> , 2015 , 26, 1571-81	6.3	138

38	Chitosan-alginate multilayered films with gradients of physicochemical cues. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 4555-4568	7.3	35
37	pH Responsiveness of Multilayered Films and Membranes Made of Polysaccharides. <i>Langmuir</i> , 2015 , 31, 11318-28	4	46
36	Compact Saloplastic Membranes of Natural Polysaccharides for Soft Tissue Engineering. <i>Chemistry of Materials</i> , 2015 , 27, 7490-7502	9.6	47
35	Myoconductive and osteoinductive free-standing polysaccharide membranes. <i>Acta Biomaterialia</i> , 2015 , 15, 139-49	10.8	51
34	Chondrogenic potential of injectable Earrageenan hydrogel with encapsulated adipose stem cells for cartilage tissue-engineering applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015 , 9, 550-63	4.4	79
33	Electrically conductive chitosan/carbon scaffolds for cardiac tissue engineering. <i>Biomacromolecules</i> , 2014 , 15, 635-43	6.9	248
32	Tailored freestanding multilayered membranes based on chitosan and alginate. <i>Biomacromolecules</i> , 2014 , 15, 3817-26	6.9	70
31	Biomechanical and cellular segmental characterization of human meniscus: building the basis for Tissue Engineering therapies. <i>Osteoarthritis and Cartilage</i> , 2014 , 22, 1271-81	6.2	54
30	Bone marrow stromal cells on a three-dimensional bioactive fiber mesh undergo osteogenic differentiation in the absence of osteogenic media supplements: the effect of silanol groups. <i>Acta Biomaterialia</i> , 2014 , 10, 4175-85	10.8	15
29	Homogeneous poly(L-lactic acid)/chitosan blended films. <i>Polymers for Advanced Technologies</i> , 2014 , 25, 1492-1500	3.2	4
28	Chitosan Membranes Exhibiting Shape Memory Capability by the Action of Controlled Hydration. <i>Polymers</i> , 2014 , 6, 1178-1186	4.5	15
27	Biomineralization in chitosan/Bioglass® composite membranes under different dynamic mechanical conditions. <i>Materials Science and Engineering C</i> , 2013 , 33, 4480-3	8.3	10
26	Effect of crosslinking in chitosan/aloe vera-based membranes for biomedical applications. <i>Carbohydrate Polymers</i> , 2013 , 98, 581-8	10.3	83
25	Revealing the potential of squid chitosan-based structures for biomedical applications. <i>Biomedical Materials (Bristol)</i> , 2013 , 8, 045002	3.5	29
24	Hybrid biodegradable membranes of silane-treated chitosan/soy protein for biomedical applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2013 , 28, 385-397	2	9
23	Silk-Fibroin/Methacrylated Gellan Gum Hydrogel As An Novel Scaffold For Application In Meniscus Cell-Based Tissue Engineering. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013 , 29, e53-e55	5.4	8
22	Chitosan membranes containing micro or nano-size bioactive glass particles: evolution of biomineralization followed by in situ dynamic mechanical analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013 , 20, 173-83	4.1	85
21	Bioactive macro/micro porous silk fibroin/nano-sized calcium phosphate scaffolds with potential for bone-tissue-engineering applications. <i>Nanomedicine</i> , 2013 , 8, 359-78	5.6	53

20	Free-standing polyelectrolyte membranes made of chitosan and alginate. <i>Biomacromolecules</i> , 2013 , 14, 1653-60	6.9	117
19	Asymmetric PDLLA membranes containing Bioglass [®] for guided tissue regeneration: characterization and in vitro biological behavior. <i>Dental Materials</i> , 2013 , 29, 427-36	5.7	46
18	An investigation of the potential application of chitosan/aloe-based membranes for regenerative medicine. <i>Acta Biomaterialia</i> , 2013 , 9, 6790-7	10.8	98
17	Membranes of poly(dl-lactic acid)/Bioglass [®] with asymmetric bioactivity for biomedical applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2012 , 27, 429-440	2	11
16	The use of ionic liquids in the processing of chitosan/silk hydrogels for biomedical applications. <i>Green Chemistry</i> , 2012 , 14, 1463	10	74
15	Chitosan/bioactive glass nanoparticle composite membranes for periodontal regeneration. <i>Acta Biomaterialia</i> , 2012 , 8, 4173-80	10.8	170
14	Bioactivity and viscoelastic characterization of chitosan/bioglass [®] composite membranes. <i>Macromolecular Bioscience</i> , 2012 , 12, 1106-13	5.5	26
13	Macro/microporous silk fibroin scaffolds with potential for articular cartilage and meniscus tissue engineering applications. <i>Acta Biomaterialia</i> , 2012 , 8, 289-301	10.8	237
12	Development of gellan gum-based microparticles/hydrogel matrices for application in the intervertebral disc regeneration. <i>Tissue Engineering - Part C: Methods</i> , 2011 , 17, 961-72	2.9	74
11	Gellan gum-based hydrogels for intervertebral disc tissue-engineering applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011 , 5, e97-107	4.4	170
10	Development of an injectable system based on elastin-like recombinamer particles for tissue engineering applications. <i>Soft Matter</i> , 2011 , 7, 6426	3.6	26
9	Three-dimensional plotted scaffolds with controlled pore size gradients: Effect of scaffold geometry on mechanical performance and cell seeding efficiency. <i>Acta Biomaterialia</i> , 2011 , 7, 1009-18	10.8	402
8	Bioactivity and Viscoelastic Characterization in Physiological Simulated Conditions of Chitosan/Bioglass [®] Composite Membranes. <i>Materials Science Forum</i> , 2010 , 636-637, 26-30	0.4	3
7	Stimuli-responsive chitosan-starch injectable hydrogels combined with encapsulated adipose-derived stromal cells for articular cartilage regeneration. <i>Soft Matter</i> , 2010 , 6, 5184	3.6	87
6	Extraction and physico-chemical characterization of a versatile biodegradable polysaccharide obtained from green algae. <i>Carbohydrate Research</i> , 2010 , 345, 2194-200	2.9	86
5	Genipin-cross-linked collagen/chitosan biomimetic scaffolds for articular cartilage tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 95, 465-75	5.4	247
4	New poly(epsilon-caprolactone)/chitosan blend fibers for tissue engineering applications. <i>Acta Biomaterialia</i> , 2010 , 6, 418-28	10.8	93
3	Processing of novel bioactive polymeric matrixes for tissue engineering using supercritical fluid technology. <i>Materials Science and Engineering C</i> , 2009 , 29, 2110-2115	8.3	35

2	Effect of solvent-dependent viscoelastic properties of chitosan membranes on the permeation of 2-phenylethanol. <i>Carbohydrate Polymers</i> , 2009 , 75, 651-659	10.3	25
1	Transport of small anionic and neutral solutes through chitosan membranes: dependence on cross-linking and chelation of divalent cations. <i>Biomacromolecules</i> , 2008 , 9, 2132-8	6.9	13