

Sã³nia P Miguel

List of Publications by Year in descending order

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46
papers

3,846
citations

185998

28
h-index

253896

43
g-index

46
all docs

46
docs citations

46
times ranked

5188
citing authors

#	ARTICLE	IF	CITATIONS
1	Osmundea sp. macroalgal polysaccharide-based nanoparticles produced by flash nanocomplexation technique. <i>International Journal of Biological Macromolecules</i> , 2022, 204, 9-18.	3.6	5
2	Experimental Wound-Care Models: In Vitro/In Vivo Models and Recent Advances Based on Skin-on-a-Chip Models. , 2021, , 459-486.		0
3	Application of microalgae and microalgal bioactive compounds in skin regeneration. <i>Algal Research</i> , 2021, 58, 102395.	2.4	27
4	Biomedical Applications of Biodegradable Polymers in Wound Care. , 2021, , 509-597.		2
5	Swelling Analysis of Thermal and Chemical Crosslinked Konjac Glucomannan/Gellan Gum Cardiac Patch. , 2021, , .		1
6	Hyaluronic acid and vitamin E polyethylene glycol succinate functionalized gold-core silica shell nanorods for cancer targeted photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110778.	2.5	47
7	Xanthan Gumâ€“Konjac Glucomannan Blend Hydrogel for Wound Healing. <i>Polymers</i> , 2020, 12, 99.	2.0	60
8	Poly (vinyl alcohol)/chitosan layer-by-layer microneedles for cancer chemo-photothermal therapy. <i>International Journal of Pharmaceutics</i> , 2020, 576, 118907.	2.6	57
9	Injectable in situ forming thermo-responsive graphene based hydrogels for cancer chemo-photothermal therapy and NIR light-enhanced antibacterial applications. <i>Materials Science and Engineering C</i> , 2020, 117, 111294.	3.8	67
10	Photocurable Polymeric Blends for Surgical Application. <i>Materials</i> , 2020, 13, 5681.	1.3	2
11	Hyaluronic acidâ€”Based wound dressings: A review. <i>Carbohydrate Polymers</i> , 2020, 241, 116364.	5.1	387
12	Production and characterization of a novel asymmetric 3D printed construct aimed for skin tissue regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 994-1003.	2.5	61
13	Microneedle-based delivery devices for cancer therapy: A review. <i>Pharmacological Research</i> , 2019, 148, 104438.	3.1	76
14	Development of a poly(vinyl alcohol)/lysine electrospun membrane-based drug delivery system for improved skin regeneration. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118640.	2.6	45
15	Microstructural, mechanical and biological properties of hydroxyapatite - CaZrO ₃ biocomposites. <i>Ceramics International</i> , 2019, 45, 8195-8203.	2.3	18
16	Chitosan based-asymmetric membranes for wound healing: A review. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 460-475.	3.6	186
17	Preparation of biodegradable functionalized polyesters aimed to be used as surgical adhesives. <i>European Polymer Journal</i> , 2019, 117, 442-454.	2.6	9
18	An overview of electrospun membranes loaded with bioactive molecules for improving the wound healing process. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 139, 1-22.	2.0	129

#	ARTICLE	IF	CITATIONS
19	Photocrosslinkable Nanofibrous Asymmetric Membrane Designed for Wound Dressing. <i>Polymers</i> , 2019, 11, 653.	2.0	23
20	Green reduced graphene oxide functionalized 3D printed scaffolds for bone tissue regeneration. <i>Carbon</i> , 2019, 146, 513-523.	5.4	54
21	Functionalization of AuMSS nanorods towards more effective cancer therapies. <i>Nano Research</i> , 2019, 12, 719-732.	5.8	17
22	Production and characterization of electrospun silk fibroin based asymmetric membranes for wound dressing applications. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 524-535.	3.6	108
23	In vitro characterization of 3D printed scaffolds aimed at bone tissue regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 165, 207-218.	2.5	59
24	Engineering star-shaped lactic acid oligomers to develop novel functional adhesives. <i>Journal of Materials Research</i> , 2018, 33, 1463-1474.	1.2	7
25	Recent advances on antimicrobial wound dressing: A review. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 130-141.	2.0	650
26	Bioinspired multilayer membranes as potential adhesive patches for skin wound healing. <i>Biomaterials Science</i> , 2018, 6, 1962-1975.	2.6	61
27	Electrospun polymeric nanofibres as wound dressings: A review. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 60-71.	2.5	272
28	Biofunctionalization of electrospun poly(<i>caprolactone</i>) fibers with Maillard reaction products for wound dressing applications. <i>Reactive and Functional Polymers</i> , 2018, 131, 191-202.	2.0	24
29	Aerosolizable gold nano-in-micro dry powder formulations for theragnosis and lung delivery. <i>International Journal of Pharmaceutics</i> , 2017, 519, 240-249.	2.6	38
30	Ibuprofen loaded PVA/chitosan membranes: A highly efficient strategy towards an improved skin wound healing. <i>Carbohydrate Polymers</i> , 2017, 159, 136-145.	5.1	111
31	Photocrosslinkable electrospun fiber meshes for tissue engineering applications. <i>European Polymer Journal</i> , 2017, 97, 210-219.	2.6	26
32	3D scaffolds coated with nanofibers displaying bactericidal activity for bone tissue applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 432-442.	1.8	7
33	Electrospun Polycaprolactone/Aloe Vera_Chitosan Nanofibrous Asymmetric Membranes Aimed for Wound Healing Applications. <i>Polymers</i> , 2017, 9, 183.	2.0	141
34	Coaxial electrospun PCL/Gelatin-MA fibers as scaffolds for vascular tissue engineering. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 7-15.	2.5	66
35	Nanogold POxylation: towards always-on fluorescent lung cancer targeting. <i>RSC Advances</i> , 2016, 6, 33631-33635.	1.7	12
36	Tumor spheroid assembly on hyaluronic acid-based structures: A review. <i>Carbohydrate Polymers</i> , 2016, 150, 139-148.	5.1	66

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37	Production and characterization of polycaprolactone- hyaluronic acid/chitosan- zein electrospun bilayer nanofibrous membrane for tissue regeneration. International Journal of Biological Macromolecules, 2016, 93, 1100-1110.	3.6	127
38	3D Printed scaffolds with bactericidal activity aimed for bone tissue regeneration. International Journal of Biological Macromolecules, 2016, 93, 1432-1445.	3.6	52
39	Production of new 3D scaffolds for bone tissue regeneration by rapid prototyping. Journal of Materials Science: Materials in Medicine, 2016, 27, 69.	1.7	26
40	Production and characterization of chitosan/gelatin/Î²-TCP scaffolds for improved bone tissue regeneration. Materials Science and Engineering C, 2015, 55, 592-604.	3.8	128
41	Synthesis and characterization of a photocrosslinkable chitosanâ€“gelatin hydrogel aimed for tissue regeneration. RSC Advances, 2015, 5, 63478-63488.	1.7	65
42	<i>In Vivo</i> High-Content Evaluation of Three-Dimensional Scaffolds Biocompatibility. Tissue Engineering - Part C: Methods, 2014, 20, 851-864.	1.1	26
43	PVP-coated silver nanoparticles showing antifungal improved activity against dermatophytes. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	26
44	Poly(vinyl alcohol)/chitosan asymmetrical membranes: Highly controlled morphology toward the ideal wound dressing. Journal of Membrane Science, 2014, 469, 262-271.	4.1	106
45	Thermoresponsive chitosanâ€“agarose hydrogel for skin regeneration. Carbohydrate Polymers, 2014, 111, 366-373.	5.1	226
46	Dextran-based hydrogel containing chitosan microparticles loaded with growth factors to be used in wound healing. Materials Science and Engineering C, 2013, 33, 2958-2966.	3.8	143