LucÃ-lia P Da Silva

List of Publications by Year
in descending order

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26 papers	880 citations	516710 16 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	1401 citing authors

#	Article	IF	Citations
1	Injectable laminin-biofunctionalized gellan gum hydrogels loaded with myoblasts for skeletal muscle regeneration. Acta Biomaterialia, 2022, 143, 282-294.	8.3	13
2	<scp>3D</scp> bioprinting of gellan gumâ€based hydrogels tethered with lamininâ€derived peptides for improved cellular behavior. Journal of Biomedical Materials Research - Part A, 2022, 110, 1655-1668.	4.0	6
3	Microscopyâ€guided laser ablation for the creation of complex skin models with folliculoid appendages. Bioengineering and Translational Medicine, 2021, 6, e10195.	7.1	4
4	<i>In vitro</i>vascularization of tissue engineered constructs by non-viral delivery of pro-angiogenic genes. Biomaterials Science, 2021, 9, 2067-2081.	5.4	9
5	Micropatterned Silk-Fibroin/Eumelanin Composite Films for Bioelectronic Applications. ACS Biomaterials Science and Engineering, 2021, 7, 2466-2474.	5.2	16
6	Micropatterned gellan gum-based hydrogels tailored with laminin-derived peptides for skeletal muscle tissue engineering. Biomaterials, 2021, 279, 121217.	11.4	17
7	Electric Phenomenon: A Disregarded Tool in Tissue Engineering and Regenerative Medicine. Trends in Biotechnology, 2020, 38, 24-49.	9.3	88
8	Convection patterns gradients of non-living and living micro-entities in hydrogels. Applied Materials Today, 2020, 21, 100859.	4.3	3
9	Tailoring Gellan Gum Spongy-Like Hydrogelsâ€™ Microstructure by Controlling Freezing Parameters. Polymers, 2020, 12, 329.	4.5	11
10	Lactoferrin-Hydroxyapatite Containing Spongy-Like Hydrogels for Bone Tissue Engineering. Materials, 2019, 12, 2074.	2.9	24
11	Hydrogel-Based Strategies to Advance Therapies for Chronic Skin Wounds. Annual Review of Biomedical Engineering, 2019, 21, 145-169.	12.3	122
12	Electroactive Gellan Gum/Polyaniline Spongy-Like Hydrogels. ACS Biomaterials Science and Engineering, 2018, 4, 1779-1787.	5.2	21
13	Differentiation of osteoclast precursors on gellan gum-based spongy-like hydrogels for bone tissue engineering. Biomedical Materials (Bristol), 2018, 13, 035012.	3.3	18
14	Gellan Gum Hydrogels with Enzymeâ€Sensitive Biodegradation and Endothelial Cell Biorecognition Sites. Advanced Healthcare Materials, 2018, 7, 1700686.	7.6	39
15	Gellan gumâ€hydroxyapatite composite spongyâ€like hydrogels for bone tissue engineering. Journal of Biomedical Materials Research - Part A, 2018, 106, 479-490.	4.0	50
16	A thermo-/pH-responsive hydrogel (PNIPAM-PDMA-PAA) with diverse nanostructures and gel behaviors as a general drug carrier for drug release. Polymer Chemistry, 2018, 9, 4063-4072.	3.9	64
17	Generation of Gellan Gum-Based Adipose-Like Microtissues. Bioengineering, 2018, 5, 52.	3.5	7
18	Skin in vitro models to study dermal white adipose tissue role in skin healing. , 2018, , 327-352.		0

#	Article	IF	Citations
19	Synthesis and Characterization of Electroactive Gellan Gum Spongy-Like Hydrogels for Skeletal Muscle Tissue Engineering Applications. Tissue Engineering - Part A, 2017, 23, 968-979.	3.1	28
20	Eumelanin-releasing spongy-like hydrogels for skin re-epithelialization purposes. Biomedical Materials (Bristol), 2017, 12, 025010.	3.3	17
21	Neovascularization Induced by the Hyaluronic Acid-Based Spongy-Like Hydrogels Degradation Products. ACS Applied Materials & Interfaces, 2016, 8, 33464-33474.	8.0	62
22	Neurotensin Decreases the Proinflammatory Status of Human Skin Fibroblasts and Increases Epidermal Growth Factor Expression. International Journal of Inflammation, 2014, 2014, 1-9.	1.5	21
23	Engineering cell-adhesive gellan gum spongy-like hydrogels for regenerative medicine purposes. Acta Biomaterialia, 2014, 10, 4787-4797.	8.3	81
24	Nanoparticulate bioactive-glass-reinforced gellan-gum hydrogels for bone-tissue engineering. Materials Science and Engineering C, 2014, 43, 27-36.	7.3	110
25	Human Skin Cell Fractions Fail to Self-Organize Within a Gellan Gum/Hyaluronic Acid Matrix but Positively Influence Early Wound Healing. Tissue Engineering - Part A, 2014, 20, 1369-1378.	3.1	46
26	1,1â€²-[(5-Hydroxymethyl-1,3-phenylene)bis(methylene)]dipyridin-4(1H)-one monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1859-o1860.	0.2	0