

RÃ³ben F Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,226
citations

471061

17
h-index

552369

26
g-index

34
all docs

34
docs citations

34
times ranked

3265
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of novel alginate based hydrogel films for wound healing applications. International Journal of Biological Macromolecules, 2013, 52, 221-230.	3.6	325
2	Traditional Therapies for Skin Wound Healing. Advances in Wound Care, 2016, 5, 208-229.	2.6	323
3	Advanced biofabrication strategies for skin regeneration and repair. Nanomedicine, 2013, 8, 603-621.	1.7	247
4	Preparation and Characterization of Films Based on Alginate and Aloe Vera. International Journal of Polymer Analysis and Characterization, 2011, 16, 449-464.	0.9	165
5	3D bioprinting of photocrosslinkable hydrogel constructs. Journal of Applied Polymer Science, 2015, 132, .	1.3	160
6	Cell-instructive pectin hydrogels crosslinked via thiol-norbornene photo-click chemistry for skin tissue engineering. Acta Biomaterialia, 2018, 66, 282-293.	4.1	133
7	Alginate/Aloe Vera Hydrogel Films for Biomedical Applications. Procedia CIRP, 2013, 5, 210-215.	1.0	105
8	3D Photo-Fabrication for Tissue Engineering and Drug Delivery. Engineering, 2015, 1, 090-112.	3.2	105
9	A single-component hydrogel bioink for bioprinting of bioengineered 3D constructs for dermal tissue engineering. Materials Horizons, 2018, 5, 1100-1111.	6.4	104
10	3D Cell Culture Models as Recapitulators of the Tumor Microenvironment for the Screening of Anti-Cancer Drugs. Cancers, 2022, 14, 190.	1.7	75
11	Advances in bioprinted cell-laden hydrogels for skin tissue engineering. Biomanufacturing Reviews, 2017, 2, 1.	4.8	72
12	Influence of Aloe vera on water absorption and enzymatic in vitro degradation of alginate hydrogel films. Carbohydrate Polymers, 2013, 98, 311-320.	5.1	63
13	Collagen surface modified poly(ϵ -caprolactone) scaffolds with improved hydrophilicity and cell adhesion properties. Materials Letters, 2014, 134, 263-267.	1.3	58
14	Engineering the vasculature with additive manufacturing. Current Opinion in Biomedical Engineering, 2017, 2, 1-13.	1.8	46
15	An injectable, dual crosslinkable hybrid pectin methacrylate (PECMA)/gelatin methacryloyl (GelMA) hydrogel for skin hemostasis applications. International Journal of Biological Macromolecules, 2021, 185, 441-450.	3.6	46
16	Tissue-specific engineering: 3D bioprinting in regenerative medicine. Journal of Controlled Release, 2021, 329, 237-256.	4.8	45
17	Biological perspectives and current biofabrication strategies in osteochondral tissue engineering. Biomanufacturing Reviews, 2020, 5, 1.	4.8	22
18	Bioprinting a Multifunctional Bioink to Engineer Clickable 3D Cellular Niches with Tunable Matrix Microenvironmental Cues. Advanced Healthcare Materials, 2021, 10, e2001176.	3.9	16

#	ARTICLE	IF	CITATIONS
19	Degradation Behavior of Biopolymer-based Membranes for Skin Tissue Regeneration. <i>Procedia Engineering</i> , 2013, 59, 285-291.	1.2	15
20	Recent Advances in Additive Biomanufacturing. , 2014, , 265-284.		12
21	Engineering Modular Half-Antibody Conjugated Nanoparticles for Targeting CD44v6-Expressing Cancer Cells. <i>Nanomaterials</i> , 2021, 11, 295.	1.9	11
22	Recent advances on bioprinting of hydrogels containing carbon materials. <i>Materials Today Chemistry</i> , 2022, 23, 100617.	1.7	11
23	Thiol-Norbornene Photoclick Chemistry for Grafting Antimicrobial Peptides onto Chitosan to Create Antibacterial Biomaterials. <i>ACS Applied Polymer Materials</i> , 2022, 4, 5012-5026.	2.0	9
24	Fabrication of Polymer/Graphene Biocomposites for Tissue Engineering. <i>Polymers</i> , 2022, 14, 1038.	2.0	8
25	Biofabrication of Hydrogel Constructs. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2013, , 225-254.	0.6	7
26	Polyethylene Glycol and Polyethylene Glycol/Hydroxyapatite Constructs Produced through Stereo-Thermal Lithography. <i>Advanced Materials Research</i> , 0, 749, 87-92.	0.3	7
27	Computer modelling and simulation of a bioreactor for tissue engineering. <i>International Journal of Computer Integrated Manufacturing</i> , 2014, 27, 946-959.	2.9	7
28	Photocrosslinkable Materials for the Fabrication of Tissue-Engineered Constructs by Stereolithography. <i>Computational Methods in Applied Sciences (Springer)</i> , 2014, , 149-178.	0.1	5
29	Evaluating the Properties of an Alginate Wound Dressing for Skin Repair. <i>Advanced Materials Research</i> , 0, 683, 141-144.	0.3	4
30	Vat polymerization techniques for biotechnology and medicine. , 2013, , 203-207.		3
31	Engineering Natural-Based Photocrosslinkable Hydrogels for Cartilage Applications. , 2021, , 111-138.		0