

# Rben F Pereira

## List of Publications by Citations

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31  
papers

1,428  
citations

14  
h-index

33  
g-index

33  
ext. papers

1,784  
ext. citations

5.4  
avg. IF

5.18  
L-index

#	Paper	IF	Citations
31	Development of novel alginate based hydrogel films for wound healing applications. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 52, 221-30	7.9	236
30	Traditional Therapies for Skin Wound Healing. <i>Advances in Wound Care</i> , <b>2016</b> , 5, 208-229	4.8	213
29	Advanced biofabrication strategies for skin regeneration and repair. <i>Nanomedicine</i> , <b>2013</b> , 8, 603-21	5.6	193
28	3D bioprinting of photocrosslinkable hydrogel constructs. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	109
27	Preparation and Characterization of Films Based on Alginate and Aloe Vera. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2011</b> , 16, 449-464	1.7	97
26	Cell-instructive pectin hydrogels crosslinked via thiol-norbornene photo-click chemistry for skin tissue engineering. <i>Acta Biomaterialia</i> , <b>2018</b> , 66, 282-293	10.8	81
25	3D Photo-Fabrication for Tissue Engineering and Drug Delivery. <i>Engineering</i> , <b>2015</b> , 1, 090-112	9.7	80
24	Alginate/Aloe Vera Hydrogel Films for Biomedical Applications. <i>Procedia CIRP</i> , <b>2013</b> , 5, 210-215	1.8	69
23	A single-component hydrogel bioink for bioprinting of bioengineered 3D constructs for dermal tissue engineering. <i>Materials Horizons</i> , <b>2018</b> , 5, 1100-1111	14.4	66
22	Advances in bioprinted cell-laden hydrogels for skin tissue engineering <b>2017</b> , 2, 1		50
21	Influence of Aloe vera on water absorption and enzymatic in vitro degradation of alginate hydrogel films. <i>Carbohydrate Polymers</i> , <b>2013</b> , 98, 311-20	10.3	43
20	Collagen surface modified poly(ε-caprolactone) scaffolds with improved hydrophilicity and cell adhesion properties. <i>Materials Letters</i> , <b>2014</b> , 134, 263-267	3.3	37
19	Engineering the vasculature with additive manufacturing. <i>Current Opinion in Biomedical Engineering</i> , <b>2017</b> , 2, 1-13	4.4	36
18	Tissue-specific engineering: 3D bioprinting in regenerative medicine. <i>Journal of Controlled Release</i> , <b>2021</b> , 329, 237-256	11.7	17
17	Photopolymerizable hydrogels in regenerative medicine and drug delivery <b>2014</b> , 6-28		12
16	Degradation Behavior of Biopolymer-based Membranes for Skin Tissue Regeneration. <i>Procedia Engineering</i> , <b>2013</b> , 59, 285-291		11
15	Biological perspectives and current biofabrication strategies in osteochondral tissue engineering <b>2020</b> , 5, 1		10

14	Recent Advances in Additive Biomanufacturing <b>2014</b> , 265-284		9
13	3D Cell Culture Models as Recapitulators of the Tumor Microenvironment for the Screening of Anti-Cancer Drugs.. <i>Cancers</i> , <b>2021</b> , 14,	6.6	8
12	An injectable, dual crosslinkable hybrid pectin methacrylate (PECMA)/gelatin methacryloyl (GelMA) hydrogel for skin hemostasis applications. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 185, 441-450	7.9	8
11	Computer modelling and simulation of a bioreactor for tissue engineering. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2014</b> , 27, 946-959	4.3	7
10	Biofabrication of Hydrogel Constructs. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , <b>2013</b> , 225-254	0.4	7
9	Bioprinting a Multifunctional Bioink to Engineer Clickable 3D Cellular Niches with Tunable Matrix Microenvironmental Cues. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001176	10.1	7
8	Polyethylene Glycol and Polyethylene Glycol/Hydroxyapatite Constructs Produced through Stereo-Thermal Lithography. <i>Advanced Materials Research</i> , <b>2013</b> , 749, 87-92	0.5	5
7	Engineering Modular Half-Antibody Conjugated Nanoparticles for Targeting CD44v6-Expressing Cancer Cells. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	5
6	Photocrosslinkable Materials for the Fabrication of Tissue-Engineered Constructs by Stereolithography. <i>Computational Methods in Applied Sciences (Springer)</i> , <b>2014</b> , 149-178	0.4	4
5	Recent advances on bioprinting of hydrogels containing carbon materials. <i>Materials Today Chemistry</i> , <b>2022</b> , 23, 100617	6.2	3
4	Evaluating the Properties of an Alginate Wound Dressing for Skin Repair. <i>Advanced Materials Research</i> , <b>2013</b> , 683, 141-144	0.5	2
3	Vat polymerization techniques for biotechnology and medicine <b>2013</b> , 203-207		1
2	Effect of TCP20 Bioglass addition on the morphological and mechanical properties of 3D Bioextruded poly ( $\epsilon$ -caprolactone) scaffolds <b>2013</b> , 199-202		
1	Engineering Natural-Based Photocrosslinkable Hydrogels for Cartilage Applications <b>2021</b> , 111-138		