Rben F Pereira

List of Publications by Year in Descending Order

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	Recent advances on bioprinting of hydrogels containing carbon materials. *Materials Today Chemistry*, **2022**, 23, 100617	6.2	3
30	3D Cell Culture Models as Recapitulators of the Tumor Microenvironment for the Screening of Anti-Cancer Drugs.. *Cancers*, **2021**, 14,	6.6	8
29	Bioprinting a Multifunctional Bioink to Engineer Clickable 3D Cellular Niches with Tunable Matrix Microenvironmental Cues. *Advanced Healthcare Materials*, **2021**, 10, e2001176	10.1	7
28	Tissue-specific engineering: 3D bioprinting in regenerative medicine. *Journal of Controlled Release*, **2021**, 329, 237-256	11.7	17
27	Engineering Natural-Based Photocrosslinkable Hydrogels for Cartilage Applications **2021**, 111-138		
26	Engineering Modular Half-Antibody Conjugated Nanoparticles for Targeting CD44v6-Expressing Cancer Cells. *Nanomaterials*, **2021**, 11,	5.4	5
25	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	7.9	8
24	Biological perspectives and current biofabrication strategies in osteochondral tissue engineering **2020**, 5, 1		10
23	A single-component hydrogel bioink for bioprinting of bioengineered 3D constructs for dermal tissue engineering. *Materials Horizons*, **2018**, 5, 1100-1111	14.4	66
22	Cell-instructive pectin hydrogels crosslinked via thiol-norbornene photo-click chemistry for skin tissue engineering. *Acta Biomaterialia*, **2018**, 66, 282-293	10.8	81
21	Engineering the vasculature with additive manufacturing. *Current Opinion in Biomedical Engineering* , **2017**, 2, 1-13	4.4	36
20	Advances in bioprinted cell-laden hydrogels for skin tissue engineering **2017**, 2, 1		50
19	Traditional Therapies for Skin Wound Healing. *Advances in Wound Care*, **2016**, 5, 208-229	4.8	213
18	3D Photo-Fabrication for Tissue Engineering and Drug Delivery. *Engineering*, **2015**, 1, 090-112	9.7	80
17	3D bioprinting of photocrosslinkable hydrogel constructs. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	109
16	Photocrosslinkable Materials for the Fabrication of Tissue-Engineered Constructs by Stereolithography. *Computational Methods in Applied Sciences (Springer)*, **2014**, 149-178	0.4	4
15	Computer modelling and simulation of a bioreactor for tissue engineering. *International Journal of Computer Integrated Manufacturing*, **2014**, 27, 946-959	4.3	7

14	Collagen surface modified poly(Ecaprolactone) scaffolds with improved hydrophilicity and cell adhesion properties. *Materials Letters*, **2014**, 134, 263-267	3.3	37
13	Photopolymerizable hydrogels in regenerative medicine and drug delivery **2014**, 6-28		12
12	Recent Advances in Additive Biomanufacturing **2014**, 265-284		9
11	Degradation Behavior of Biopolymer-based Membranes for Skin Tissue Regeneration. *Procedia Engineering*, **2013**, 59, 285-291		11
10	Influence of Aloe vera on water absorption and enzymatic in vitro degradation of alginate hydrogel films. *Carbohydrate Polymers*, **2013**, 98, 311-20	10.3	43
9	Alginate/Aloe Vera Hydrogel Films for Biomedical Applications. *Procedia CIRP*, **2013**, 5, 210-215	1.8	69
8	Advanced biofabrication strategies for skin regeneration and repair. *Nanomedicine*, **2013**, 8, 603-21	5.6	193
7	Biofabrication of Hydrogel Constructs. *Advances in Predictive, Preventive and Personalised Medicine*, **2013**, 225-254	0.4	7
6	Development of novel alginate based hydrogel films for wound healing applications. *International Journal of Biological Macromolecules*, **2013**, 52, 221-30	7.9	236
5	Evaluating the Properties of an Alginate Wound Dressing for Skin Repair. *Advanced Materials Research*, **2013**, 683, 141-144	0.5	2
4	Polyethylene Glycol and Polyethylene Glycol/Hydroxyapatite Constructs Produced through Stereo-Thermal Lithography. *Advanced Materials Research*, **2013**, 749, 87-92	0.5	5
3	Vat polymerization techniques for biotechnology and medicine **2013**, 203-207		1
2	Effect of TCP20 Bioglass addition on the morphological and mechanical properties of 3D Bioextruded poly (_-caprolactone) scaffolds **2013**, 199-202		
1	Preparation and Characterization of Films Based on Alginate and Aloe Vera. *International Journal of Polymer Analysis and Characterization*, **2011**, 16, 449-464	1.7	97