

# RÃ³ben F Pereira

## List of Publications by Year in descending order

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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	Recent advances on bioprinting of hydrogels containing carbon materials. <i>Materials Today Chemistry</i> , 2022, 23, 100617.	1.7	11
2	3D Cell Culture Models as Recapitulators of the Tumor Microenvironment for the Screening of Anti-Cancer Drugs. <i>Cancers</i> , 2022, 14, 190.	1.7	75
3	Fabrication of Polymer/Graphene Biocomposites for Tissue Engineering. <i>Polymers</i> , 2022, 14, 1038.	2.0	8
4	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
5	Bioprinting a Multifunctional Bioink to Engineer Clickable 3D Cellular Niches with Tunable Matrix Microenvironmental Cues. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001176.	3.9	16
6	Tissue-specific engineering: 3D bioprinting in regenerative medicine. <i>Journal of Controlled Release</i> , 2021, 329, 237-256.	4.8	45
7	Engineering Natural-Based Photocrosslinkable Hydrogels for Cartilage Applications. , 2021, , 111-138.		0
8	Engineering Modular Half-Antibody Conjugated Nanoparticles for Targeting CD44v6-Expressing Cancer Cells. <i>Nanomaterials</i> , 2021, 11, 295.	1.9	11
9	An injectable, dual crosslinkable hybrid pectin methacrylate (PECMA)/gelatin methacryloyl (GelMA) hydrogel for skin hemostasis applications. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 441-450.	3.6	46
10	Biological perspectives and current biofabrication strategies in osteochondral tissue engineering. <i>Biomanufacturing Reviews</i> , 2020, 5, 1.	4.8	22
11	Cell-instructive pectin hydrogels crosslinked via thiol-norbornene photo-click chemistry for skin tissue engineering. <i>Acta Biomaterialia</i> , 2018, 66, 282-293.	4.1	133
12	A single-component hydrogel bioink for bioprinting of bioengineered 3D constructs for dermal tissue engineering. <i>Materials Horizons</i> , 2018, 5, 1100-1111.	6.4	104
13	Engineering the vasculature with additive manufacturing. <i>Current Opinion in Biomedical Engineering</i> , 2017, 2, 1-13.	1.8	46
14	Advances in bioprinted cell-laden hydrogels for skin tissue engineering. <i>Biomanufacturing Reviews</i> , 2017, 2, 1.	4.8	72
15	Traditional Therapies for Skin Wound Healing. <i>Advances in Wound Care</i> , 2016, 5, 208-229.	2.6	323
16	3D Photo-Fabrication for Tissue Engineering and Drug Delivery. <i>Engineering</i> , 2015, 1, 090-112.	3.2	105
17	3D bioprinting of photocrosslinkable hydrogel constructs. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	160
18	Recent Advances in Additive Biomanufacturing. , 2014, , 265-284.		12

#	ARTICLE	IF	CITATIONS
19	Photocrosslinkable Materials for the Fabrication of Tissue-Engineered Constructs by Stereolithography. Computational Methods in Applied Sciences (Springer), 2014, , 149-178.	0.1	5
20	Computer modelling and simulation of a bioreactor for tissue engineering. International Journal of Computer Integrated Manufacturing, 2014, 27, 946-959.	2.9	7
21	Collagen surface modified poly( $\mu$ -caprolactone) scaffolds with improved hydrophilicity and cell adhesion properties. Materials Letters, 2014, 134, 263-267.	1.3	58
22	Degradation Behavior of Biopolymer-based Membranes for Skin Tissue Regeneration. Procedia Engineering, 2013, 59, 285-291.	1.2	15
23	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
24	Alginate/Aloe Vera Hydrogel Films for Biomedical Applications. Procedia CIRP, 2013, 5, 210-215.	1.0	105
25	Advanced biofabrication strategies for skin regeneration and repair. Nanomedicine, 2013, 8, 603-621.	1.7	247
26	Biofabrication of Hydrogel Constructs. Advances in Predictive, Preventive and Personalised Medicine, 2013, , 225-254.	0.6	7
27	Development of novel alginate based hydrogel films for wound healing applications. International Journal of Biological Macromolecules, 2013, 52, 221-230.	3.6	325
28	Vat polymerization techniques for biotechnology and medicine. , 2013, , 203-207.		3
29	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
30	Evaluating the Properties of an Alginate Wound Dressing for Skin Repair. Advanced Materials Research, 0, 683, 141-144.	0.3	4
31	Polyethylene Glycol and Polyethylene Glycol/Hydroxyapatite Constructs Produced through Stereo-Thermal Lithography. Advanced Materials Research, 0, 749, 87-92.	0.3	7