

Mariana T Cerqueira

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

1,028
citations

20
h-index

32
g-index

40
ext. papers

1,219
ext. citations

6.6
avg, IF

4.24
L-index

#	Paper	IF	Citations
35	Rescuing key native traits in cultured dermal papilla cells for human hair regeneration. <i>Journal of Advanced Research</i> , 2021 , 30, 103-112	13	3
34	In vitro vascularization of tissue engineered constructs by non-viral delivery of pro-angiogenic genes. <i>Biomaterials Science</i> , 2021 , 9, 2067-2081	7.4	2
33	Interfollicular epidermal stem-like cells for the recreation of the hair follicle epithelial compartment. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 62	8.3	3
32	Keratinocyte Growth Factor-Based Strategies for Wound Re-Epithelialization. <i>Tissue Engineering - Part B: Reviews</i> , 2021 ,	7.9	1
31	Regeneration Using Tissue Engineered Skin Strategies 2020 , 255-289		1
30	Mechanical Property of Hydrogels and the Presence of Adipose Stem Cells in Tumor Stroma Affect Spheroid Formation in the 3D Osteosarcoma Model. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 14548-14559	9.5	34
29	Interfollicular Epidermal Stem Cells: Boosting and Rescuing from Adult Skin. <i>Methods in Molecular Biology</i> , 2019 , 1879, 101-110	1.4	4
28	Strategies for the hypothermic preservation of cell sheets of human adipose stem cells. <i>PLoS ONE</i> , 2019 , 14, e0222597	3.7	11
27	Gellan gum-hydroxyapatite composite spongy-like hydrogels for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 479-490	5.4	39
26	Skin in vitro models to study dermal white adipose tissue role in skin healing 2018 , 327-352		
25	In vivo osteogenic differentiation of stem cells inside compartmentalized capsules loaded with co-cultured endothelial cells. <i>Acta Biomaterialia</i> , 2017 , 53, 483-494	10.8	20
24	Stem Cell-Containing Hyaluronic Acid-Based Spongy Hydrogels for Integrated Diabetic Wound Healing. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 1541-1551	4.3	40
23	Cell sheet engineering using the stromal vascular fraction of adipose tissue as a vascularization strategy. <i>Acta Biomaterialia</i> , 2017 , 55, 131-143	10.8	22
22	Stem Cells in Skin Wound Healing: Are We There Yet?. <i>Advances in Wound Care</i> , 2016 , 5, 164-175	4.8	77
21	Semipermeable Capsules Wrapping a Multifunctional and Self-regulated Co-culture Microenvironment for Osteogenic Differentiation. <i>Scientific Reports</i> , 2016 , 6, 21883	4.9	48
20	Neovascularization Induced by the Hyaluronic Acid-Based Spongy-Like Hydrogels Degradation Products. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33464-33474	9.5	47
19	Growth Factor-Free Pre-vascularization of Cell Sheets for Tissue Engineering. <i>Methods in Molecular Biology</i> , 2016 , 1516, 219-226	1.4	6

18	Engineered hydrogel-based matrices for skin wound healing 2016 , 227-250		3
17	Depth (Z-axis) control of cell morphologies on micropatterned surfaces. <i>Journal of Bioactive and Compatible Polymers</i> , 2015 , 30, 555-567	2	2
16	Cork extracts reduce UV-mediated DNA fragmentation and cell death. <i>RSC Advances</i> , 2015 , 5, 96151-96157	11	11
15	Epidermis recreation in spongy-like hydrogels. <i>Materials Today</i> , 2015 , 18, 468-469	21.8	5
14	Cell selective chitosan microparticles as injectable cell carriers for tissue regeneration. <i>Biomaterials</i> , 2015 , 43, 23-31	15.6	55
13	Cell sheet technology-driven re-epithelialization and neovascularization of skin wounds. <i>Acta Biomaterialia</i> , 2014 , 10, 3145-55	10.8	56
12	Boosting and rescuing epidermal superior population from fresh keratinocyte cultures. <i>Stem Cells and Development</i> , 2014 , 23, 34-43	4.4	30
11	Gellan gum-hyaluronic acid spongy-like hydrogels and cells from adipose tissue synergize promoting neoskin vascularization. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 19668-79	9.5	69
10	Engineering cell-adhesive gellan gum spongy-like hydrogels for regenerative medicine purposes. <i>Acta Biomaterialia</i> , 2014 , 10, 4787-4797	10.8	64
9	Human skin cell fractions fail to self-organize within a gellan gum/hyaluronic acid matrix but positively influence early wound healing. <i>Tissue Engineering - Part A</i> , 2014 , 20, 1369-78	3.9	33
8	Poly(hydroxybutyrate-co-hydroxyvalerate) bilayer skin tissue engineering constructs with improved epidermal rearrangement. <i>Macromolecular Bioscience</i> , 2014 , 14, 977-90	5.5	20
7	Human adipose stem cells cell sheet constructs impact epidermal morphogenesis in full-thickness excisional wounds. <i>Biomacromolecules</i> , 2013 , 14, 3997-4008	6.9	71
6	Interfollicular epidermal stem cells: boosting and rescuing from adult skin. <i>Methods in Molecular Biology</i> , 2013 , 989, 1-9	1.4	5
5	An investigation of the potential application of chitosan/aloe-based membranes for regenerative medicine. <i>Acta Biomaterialia</i> , 2013 , 9, 6790-7	10.8	98
4	Fibroblasts regulate osteoblasts through gap junctional communication. <i>Cytotherapy</i> , 2012 , 14, 1276-87	4.8	11
3	The use of ionic liquids in the processing of chitosan/silk hydrogels for biomedical applications. <i>Green Chemistry</i> , 2012 , 14, 1463	10	74
2	Using stem cells in skin regeneration: possibilities and reality. <i>Stem Cells and Development</i> , 2012 , 21, 1201-14	4.4	30
1	Expression, purification and osteogenic bioactivity of recombinant human BMP-4, -9, -10, -11 and -14. <i>Protein Expression and Purification</i> , 2009 , 63, 89-94	2	32

