

Robert Maidhof

List of Publications by Year in descending order

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17
papers

1,960
citations

567281

15
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

2893
citing authors

#	ARTICLE	IF	CITATIONS
1	Technical approaches to select high-performance instant skin smoothing formulations: Correlation of in vitro and in vivo assessment methods. <i>Skin Research and Technology</i> , 2019, 25, 606-611.	1.6	4
2	<sc>UV</sc> fluorescence excitation spectroscopy as a noninvasive predictor of epidermal proliferation and clinical performance of cosmetic formulations. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2019, 35, 408-414.	1.5	4
3	Timing of mesenchymal stem cell delivery impacts the fate and therapeutic potential in intervertebral disc repair. <i>Journal of Orthopaedic Research</i> , 2017, 35, 32-40.	2.3	24
4	Developments in intervertebral disc disease research: pathophysiology, mechanobiology, and therapeutics. <i>Current Reviews in Musculoskeletal Medicine</i> , 2015, 8, 18-31.	3.5	59
5	Inflammation Induces Irreversible Biophysical Changes in Isolated Nucleus Pulposus Cells. <i>PLoS ONE</i> , 2014, 9, e99621.	2.5	51
6	The effect of controlled expression of VEGF by transduced myoblasts in a cardiac patch on vascularization in a mouse model of myocardial infarction. <i>Biomaterials</i> , 2013, 34, 393-401.	11.4	71
7	Toll-Like Receptor 4 (TLR4) Expression and Stimulation in a Model of Intervertebral Disc Inflammation and Degeneration. <i>Spine</i> , 2013, 38, 1343-1351.	2.0	74
8	Channelled scaffolds for engineering myocardium with mechanical stimulation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 748-756.	2.7	43
9	Biomimetic perfusion and electrical stimulation applied in concert improved the assembly of engineered cardiac tissue. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, e12-e23.	2.7	114
10	Emerging trends in biological therapy for intervertebral disc degeneration. <i>Discovery Medicine</i> , 2012, 14, 401-11.	0.5	24
11	Optimization of electrical stimulation parameters for cardiac tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, e115-e125.	2.7	131
12	Perfusion seeding of channeled elastomeric scaffolds with myocytes and endothelial cells for cardiac tissue engineering. <i>Biotechnology Progress</i> , 2010, 26, 565-572.	2.6	65
13	Scaffold stiffness affects the contractile function of three-dimensional engineered cardiac constructs. <i>Biotechnology Progress</i> , 2010, 26, 1382-1390.	2.6	62
14	Surface-patterned electrode bioreactor for electrical stimulation. <i>Lab on A Chip</i> , 2010, 10, 692.	6.0	91
15	Challenges in Cardiac Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2010, 16, 169-187.	4.8	431
16	Electrical stimulation systems for cardiac tissue engineering. <i>Nature Protocols</i> , 2009, 4, 155-173.	12.0	463
17	Cardiac tissue engineering using perfusion bioreactor systems. <i>Nature Protocols</i> , 2008, 3, 719-738.	12.0	249