

Evi Mm Lippens

List of Publications by Citations

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Version: 2024-04-28

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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.

20
papers

1,926
citations

14
h-index

22
g-index

22
ext. papers

2,273
ext. citations

6.8
avg, IF

4.27
L-index

#	Paper	IF	Citations
20	Hydrogels with tunable stress relaxation regulate stem cell fate and activity. <i>Nature Materials</i> , 2016 , 15, 326-34	27	1153
19	Matrix elasticity of void-forming hydrogels controls transplanted-stem-cell-mediated bone formation. <i>Nature Materials</i> , 2015 , 14, 1269-77	27	302
18	Substrate Stress-Relaxation Regulates Scaffold Remodeling and Bone Formation In Vivo. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601185	10.1	68
17	Gelatin-based microcarriers as embryonic stem cell delivery system in bone tissue engineering: an in-vitro study. <i>Biomacromolecules</i> , 2007 , 8, 825-32	6.9	55
16	Toward modulating the architecture of hydrogel scaffolds: curtains versus channels. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 1459-66	4.5	44
15	Bone regeneration via novel macroporous CPC scaffolds in critical-sized cranial defects in rats. <i>Dental Materials</i> , 2014 , 30, e199-207	5.7	40
14	Correlation between cryogenic parameters and physico-chemical properties of porous gelatin cryogels. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009 , 20, 1417-38	3.5	40
13	The hTERT-protein and Ki-67 labelling index in recurrent and non-recurrent meningiomas. <i>Cell Proliferation</i> , 2005 , 38, 3-12	7.9	36
12	Evaluation of bone regeneration with an injectable, in situ polymerizable Pluronic F127 hydrogel derivative combined with autologous mesenchymal stem cells in a goat tibia defect model. <i>Tissue Engineering - Part A</i> , 2010 , 16, 617-27	3.9	34
11	Comparison of the effects of 45S5 and 1393 bioactive glass microparticles on hMSC behavior. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 2772-2782	5.4	28
10	Cell survival and proliferation after encapsulation in a chemically modified Pluronic(R) F127 hydrogel. <i>Journal of Biomaterials Applications</i> , 2013 , 27, 828-39	2.9	27
9	Chemoselective cross-linking of alginate with thiol-terminated peptides for tissue engineering applications. <i>Carbohydrate Polymers</i> , 2012 , 88, 1239-1250	10.3	24
8	Evaluation of an injectable, photopolymerizable, and three-dimensional scaffold based on methacrylate-endcapped poly(D,L-lactide-co-epsilon-caprolactone) combined with autologous mesenchymal stem cells in a goat tibial unicortical defect model. <i>Tissue Engineering - Part A</i> , 2009 , 15, 1501-11	3.9	21
7	Design and fabrication of a low cost implantable bladder pressure monitor. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 4864-7	0.9	16
6	Dosage and composition of bioactive glasses differentially regulate angiogenic and osteogenic response of human MSCs. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 2827-2837	5.4	11
5	Slow cooling cryopreservation of cell-microcarrier constructs. <i>Cells Tissues Organs</i> , 2010 , 192, 177-86	2.1	9
4	Biocompatibility properties of surface-modified poly(dimethylsiloxane) for urinary applications. <i>Journal of Biomaterials Applications</i> , 2013 , 27, 651-60	2.9	7

3	Oxidized alginate beads for tunable release of osteogenically potent mesenchymal stromal cells. <i>Materials Science and Engineering C</i> , 2019 , 104, 109911	8.3	5
2	Immunohistochemical analysis of low-temperature methylmethacrylate resin-embedded goat tissues. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2008 , 37, 452-7	1.1	4
1	In vitro cytotoxicity testing and the application of elastic interconnection technology for short-term implantable electronics. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 4880-3	0.9	2