Patrick P Spicer

List of Publications by Year
in descending order

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21	1,735	471061 17	713013 21
papers	citations	h-index	g-index

21	21	21	3082
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of bone regeneration using the rat critical size calvarial defect. Nature Protocols, 2012, 7, 1918-1929.	5.5	485
2	Harnessing and Modulating Inflammation in Strategies for Bone Regeneration. Tissue Engineering - Part B: Reviews, 2011, 17, 393-402.	2.5	182
3	Injectable Nanocomposites of Single-Walled Carbon Nanotubes and Biodegradable Polymers for Bone Tissue Engineering. Biomacromolecules, 2006, 7, 2237-2242.	2.6	175
4	Fibrin glue as a drug delivery system. Journal of Controlled Release, 2010, 148, 49-55.	4.8	155
5	Rheological behaviour and mechanical characterization of injectable poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 2005, 16, S531-S538.	1.3	109
6	Antibiotic-releasing porous polymethylmethacrylate/gelatin/antibiotic constructs for craniofacial tissue engineering. Journal of Controlled Release, 2011, 152, 196-205.	4.8	84
7	In vitro cytotoxicity of singleâ€walled carbon nanotube/biodegradable polymer nanocomposites. Journal of Biomedical Materials Research - Part A, 2008, 86A, 813-823.	2.1	75
8	Injectable in situ cross-linkable nanocomposites of biodegradable polymers and carbon nanostructures for bone tissue engineering. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 655-671.	1.9	68
9	Uncultured Marrow Mononuclear Cells Delivered Within Fibrin Glue Hydrogels to Porous Scaffolds Enhance Bone Regeneration Within Critical-Sized Rat Cranial Defects. Tissue Engineering - Part A, 2010, 16, 3555-3568.	1.6	61
10	In vitro and in vivo evaluation of self-mineralization and biocompatibility of injectable, dual-gelling hydrogels for bone tissue engineering. Journal of Controlled Release, 2015, 205, 25-34.	4.8	56
11	Delivery of Plasmid DNA Encoding Bone Morphogenetic Protein-2 with a Biodegradable Branched Polycationic Polymer in a Critical-Size Rat Cranial Defect Model. Tissue Engineering - Part A, 2011, 17, 751-763.	1.6	40
12	Evaluation of Soft Tissue Coverage over Porous Polymethylmethacrylate Space Maintainers Within Nonhealing Alveolar Bone Defects. Tissue Engineering - Part C: Methods, 2010, 16, 1427-1438.	1.1	39
13	Effects of Antibiotic Physicochemical Properties on Their Release Kinetics from Biodegradable Polymer Microparticles. Pharmaceutical Research, 2014, 31, 3379-3389.	1.7	39
14	Autologously Generated Tissue-Engineered Bone Flaps for Reconstruction of Large Mandibular Defects in an Ovine Model. Tissue Engineering - Part A, 2015, 21, 1520-1528.	1.6	33
15	Characterization of porous polymethylmethacrylate space maintainers for craniofacial reconstruction. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 813-825.	1.6	31
16	Evaluation of antibiotic releasing porous polymethylmethacrylate space maintainers in an infected composite tissue defect model. Acta Biomaterialia, 2013, 9, 8832-8839.	4.1	26
17	In situ formation of porous space maintainers in a composite tissue defect. Journal of Biomedical Materials Research - Part A, 2012, 100A, 827-833.	2.1	22
18	Imaging of Poly(Î±-hydroxy-ester) Scaffolds with X-ray Phase-Contrast Microcomputed Tomography. Tissue Engineering - Part C: Methods, 2012, 18, 859-865.	1.1	17

#	Article	IF	Citations
19	Use of Porous Space Maintainers in Staged Mandibular Reconstruction. Oral and Maxillofacial Surgery Clinics of North America, 2014, 26, 143-149.	0.4	15
20	Bone Tissue Engineering with Multilayered Scaffoldsâ€"Part II: Combining Vascularization with Bone Formation in Critical-Sized Bone Defect. Tissue Engineering - Part A, 2015, 21, 2495-2503.	1.6	14
21	Tissue response to composite hydrogels for vertical bone augmentation in the rat. Journal of Biomedical Materials Research - Part A, 2014, 102, 2079-2088.	2.1	9