

# Patrick P Spicer

## List of Publications by Year in descending order

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21  
papers

1,735  
citations

471061

17  
h-index

713013

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autologously Generated Tissue-Engineered Bone Flaps for Reconstruction of Large Mandibular Defects in an Ovine Model. <i>Tissue Engineering - Part A</i> , 2015, 21, 1520-1528.	1.6	33
2	Bone Tissue Engineering with Multilayered Scaffoldsâ€”Part II: Combining Vascularization with Bone Formation in Critical-Sized Bone Defect. <i>Tissue Engineering - Part A</i> , 2015, 21, 2495-2503.	1.6	14
3	In vitro and in vivo evaluation of self-mineralization and biocompatibility of injectable, dual-gelling hydrogels for bone tissue engineering. <i>Journal of Controlled Release</i> , 2015, 205, 25-34.	4.8	56
4	Tissue response to composite hydrogels for vertical bone augmentation in the rat. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2079-2088.	2.1	9
5	Effects of Antibiotic Physicochemical Properties on Their Release Kinetics from Biodegradable Polymer Microparticles. <i>Pharmaceutical Research</i> , 2014, 31, 3379-3389.	1.7	39
6	Use of Porous Space Maintainers in Staged Mandibular Reconstruction. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2014, 26, 143-149.	0.4	15
7	Evaluation of antibiotic releasing porous polymethylmethacrylate space maintainers in an infected composite tissue defect model. <i>Acta Biomaterialia</i> , 2013, 9, 8832-8839.	4.1	26
8	Characterization of porous polymethylmethacrylate space maintainers for craniofacial reconstruction. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 813-825.	1.6	31
9	Imaging of Poly( $\pm$ -hydroxy-ester) Scaffolds with X-ray Phase-Contrast Microcomputed Tomography. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 859-865.	1.1	17
10	Evaluation of bone regeneration using the rat critical size calvarial defect. <i>Nature Protocols</i> , 2012, 7, 1918-1929.	5.5	485
11	<i>in situ</i> formation of porous space maintainers in a composite tissue defect. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 827-833.	2.1	22
12	Harnessing and Modulating Inflammation in Strategies for Bone Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2011, 17, 393-402.	2.5	182
13	Antibiotic-releasing porous polymethylmethacrylate/gelatin/antibiotic constructs for craniofacial tissue engineering. <i>Journal of Controlled Release</i> , 2011, 152, 196-205.	4.8	84
14	Delivery of Plasmid DNA Encoding Bone Morphogenetic Protein-2 with a Biodegradable Branched Polycationic Polymer in a Critical-Size Rat Cranial Defect Model. <i>Tissue Engineering - Part A</i> , 2011, 17, 751-763.	1.6	40
15	Fibrin glue as a drug delivery system. <i>Journal of Controlled Release</i> , 2010, 148, 49-55.	4.8	155
16	Evaluation of Soft Tissue Coverage over Porous Polymethylmethacrylate Space Maintainers Within Nonhealing Alveolar Bone Defects. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 1427-1438.	1.1	39
17	Uncultured Marrow Mononuclear Cells Delivered Within Fibrin Glue Hydrogels to Porous Scaffolds Enhance Bone Regeneration Within Critical-Sized Rat Cranial Defects. <i>Tissue Engineering - Part A</i> , 2010, 16, 3555-3568.	1.6	61
18	<i>in vitro</i> cytotoxicity of single-walled carbon nanotube/biodegradable polymer nanocomposites. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 86A, 813-823.	2.1	75

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19	Injectable in situ cross-linkable nanocomposites of biodegradable polymers and carbon nanostructures for bone tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 655-671.	1.9	68
20	Injectable Nanocomposites of Single-Walled Carbon Nanotubes and Biodegradable Polymers for Bone Tissue Engineering. <i>Biomacromolecules</i> , 2006, 7, 2237-2242.	2.6	175
21	Rheological behaviour and mechanical characterization of injectable poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 66 2005, 16, S531-S538.	1.3	109