

# Patrick P Spicer

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,735  
citations

471509

17  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of bone regeneration using the rat critical size calvarial defect. <i>Nature Protocols</i> , 2012, 7, 1918-1929.	12.0	485
2	Harnessing and Modulating Inflammation in Strategies for Bone Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2011, 17, 393-402.	4.8	182
3	Injectable Nanocomposites of Single-Walled Carbon Nanotubes and Biodegradable Polymers for Bone Tissue Engineering. <i>Biomacromolecules</i> , 2006, 7, 2237-2242.	5.4	175
4	Fibrin glue as a drug delivery system. <i>Journal of Controlled Release</i> , 2010, 148, 49-55.	9.9	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.	2.6	109
6	Antibiotic-releasing porous polymethylmethacrylate/gelatin/antibiotic constructs for craniofacial tissue engineering. <i>Journal of Controlled Release</i> , 2011, 152, 196-205.	9.9	84
7	<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.	4.0	75
8	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.	3.5	68
9	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.	3.1	61
10	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.	9.9	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. <i>Tissue Engineering - Part A</i> , 2011, 17, 751-763.	3.1	40
12	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.	2.1	39
13	Effects of Antibiotic Physicochemical Properties on Their Release Kinetics from Biodegradable Polymer Microparticles. <i>Pharmaceutical Research</i> , 2014, 31, 3379-3389.	3.5	39
14	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.	3.1	33
15	Characterization of porous polymethylmethacrylate space maintainers for craniofacial reconstruction. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 813-825.	3.4	31
16	Evaluation of antibiotic releasing porous polymethylmethacrylate space maintainers in an infected composite tissue defect model. <i>Acta Biomaterialia</i> , 2013, 9, 8832-8839.	8.3	26
17	<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.	4.0	22
18	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.	2.1	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.	1.0	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.	3.1	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.	4.0	9