Kenneth M Dupont

List of Publications by Year
in descending order

11 papers	1,882 citations	840776 11 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	2787 citing authors

#	Article	IF	Citations
1	High-strength, surface-porous polyether-ether-ketone for load-bearing orthopedic implants. Acta Biomaterialia, 2015, 13, 159-167.	8.3	158
2	Effects of in vivo mechanical loading on large bone defect regeneration. Journal of Orthopaedic Research, 2012, 30, 1067-1075.	2.3	107
3	Synthetic scaffold coating with adeno-associated virus encoding BMP2 to promote endogenous bone repair. Cell and Tissue Research, 2012, 347, 575-588.	2.9	54
4	Functional Restoration of Critically Sized Segmental Defects With Bone Morphogenetic Protein-2 and Heparin Treatment. Clinical Orthopaedics and Related Research, 2011, 469, 3111-3117.	1.5	24
5	Spatiotemporal delivery of bone morphogenetic protein enhances functional repair of segmental bone defects. Bone, 2011, 49, 485-492.	2.9	135
6	An alginate-based hybrid system for growth factor delivery in the functional repair of large bone defects. Biomaterials, 2011, 32, 65-74.	11.4	454
7	Effects of protein dose and delivery system on BMP-mediated bone regeneration. Biomaterials, 2011, 32, 5241-5251.	11.4	281
8	Coating of biomaterial scaffolds with the collagen-mimetic peptide GFOGER for bone defect repair. Biomaterials, 2010, 31, 2574-2582.	11.4	222
9	Human stem cell delivery for treatment of large segmental bone defects. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3305-3310.	7.1	174
10	In Vivo Model for Evaluating the Effects of Mechanical Stimulation on Tissue-Engineered Bone Repair. Journal of Biomechanical Engineering, 2009, 131, 084502.	1.3	47
11	Quantitative assessment of scaffold and growth factor-mediated repair of critically sized bone defects. Journal of Orthopaedic Research, 2007, 25, 941-950.	2.3	226