

Kenneth M Dupont

List of Publications by Year in descending order

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