

Benjamin R Coyac

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

613
citations

840119

11
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerated craniofacial bone regeneration through dense collagen gel scaffolds seeded with dental pulp stem cells. <i>Scientific Reports</i> , 2016, 6, 38814.	1.6	123
2	Phosphate and Vitamin D Prevent Periodontitis in X-Linked Hypophosphatemia. <i>Journal of Dental Research</i> , 2017, 96, 388-395.	2.5	84
3	Osteopontin and the dento-osseous pathobiology of X-linked hypophosphatemia. <i>Bone</i> , 2017, 95, 151-161.	1.4	66
4	MEPE-Derived ASARM Peptide Inhibits Odontogenic Differentiation of Dental Pulp Stem Cells and Impairs Mineralization in Tooth Models of X-Linked Hypophosphatemia. <i>PLoS ONE</i> , 2013, 8, e56749.	1.1	61
5	Mineralization of Dense Collagen Hydrogel Scaffolds by Human Pulp Cells. <i>Journal of Dental Research</i> , 2013, 92, 648-654.	2.5	57
6	Abnormal osteopontin and matrix extracellular phosphoglycoprotein localization, and odontoblast differentiation, in X-linked hypophosphatemic teeth. <i>Connective Tissue Research</i> , 2014, 55, 79-82.	1.1	38
7	Tissue-specific mineralization defects in the periodontium of the Hyp mouse model of X-linked hypophosphatemia. <i>Bone</i> , 2017, 103, 334-346.	1.4	38
8	Impaired mineral quality in dentin in X-linked hypophosphatemia. <i>Connective Tissue Research</i> , 2018, 59, 91-96.	1.1	32
9	Defective Mineralization in X-Linked Hypophosphatemia Dental Pulp Cell Cultures. <i>Journal of Dental Research</i> , 2018, 97, 184-191.	2.5	22
10	A Novel Osteotomy Preparation Technique to Preserve Implant Site Viability and Enhance Osteogenesis. <i>Journal of Clinical Medicine</i> , 2019, 8, 170.	1.0	18
11	A preclinical model links osseointensification due to misfit and osseodestruction due to stress/strain. <i>Clinical Oral Implants Research</i> , 2019, 30, 1238-1249.	1.9	12
12	A novel system exploits bone debris for implant osseointegration. <i>Journal of Periodontology</i> , 2021, 92, 716-726.	1.7	12
13	Interspecies Comparison of Alveolar Bone Biology, Part I: Morphology and Physiology of Pristine Bone. <i>JDR Clinical and Translational Research</i> , 2021, 6, 352-360.	1.1	10
14	Optimizing autologous bone contribution to implant osseointegration. <i>Journal of Periodontology</i> , 2020, 91, 1632-1644.	1.7	9
15	Periodontal reconstruction by heparan sulfate mimetic-based matrix therapy in <i>Porphyromonas gingivalis</i> -infected mice. <i>Heliyon</i> , 2018, 4, e00719.	1.4	7
16	Mechanoadaptive Responses of Alveolar Bone to Implant Hyperloading in a preclinical in vivo model. <i>Clinical Oral Implants Research</i> , 2020, 31, 1159-1172.	1.9	6
17	Accelerating Socket Repair via WNT3A Curtails Alveolar Ridge Resorption. <i>Journal of Dental Research</i> , 2022, 101, 102-110.	2.5	5
18	Biology of sinus floor augmentation with an autograft versus a bone graft substitute in a preclinical in vivo experimental model. <i>Clinical Oral Implants Research</i> , 2021, 32, 916-927.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Bone formation around unstable implants is enhanced by a WNT protein therapeutic in a preclinical in vivo model. <i>Clinical Oral Implants Research</i> , 2020, 31, 1125-1137.	1.9	4
20	A novel cryo-embedding method for in-depth analysis of craniofacial mini pig bone specimens. <i>Scientific Reports</i> , 2020, 10, 19510.	1.6	4
21	A WNT protein therapeutic accelerates consolidation of a bone graft substitute in a preclinical sinus augmentation model. <i>Journal of Clinical Periodontology</i> , 0, , .	2.3	0