

Marley J Dewey

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

329
citations

1039880

9
h-index

1125617

13
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22
all docs

22
docs citations

22
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteoprotegerin reduces osteoclast resorption activity without affecting osteogenesis on nanoparticulate mineralized collagen scaffolds. <i>Science Advances</i> , 2019, 5, eaaw4991.	4.7	46
2	Incorporation of the Amniotic Membrane as an Immunomodulatory Design Element in Collagen Scaffolds for Tendon Repair. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 4367-4377.	2.6	41
3	Shape-fitting collagen-PLA composite promotes osteogenic differentiation of porcine adipose stem cells. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 95, 21-33.	1.5	37
4	Nanoparticulate mineralized collagen glycosaminoglycan materials directly and indirectly inhibit osteoclastogenesis and osteoclast activation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 823-834.	1.3	30
5	Inclusion of a 3D-printed Hyperelastic Bone mesh improves mechanical and osteogenic performance of a mineralized collagen scaffold. <i>Acta Biomaterialia</i> , 2021, 121, 224-236.	4.1	30
6	Stiffness of Nanoparticulate Mineralized Collagen Scaffolds Triggers Osteogenesis via Mechanotransduction and Canonical Wnt Signaling. <i>Macromolecular Bioscience</i> , 2021, 21, e2000370.	2.1	24
7	Mineralized collagen scaffolds fabricated with amniotic membrane matrix increase osteogenesis under inflammatory conditions. <i>International Journal of Energy Production and Management</i> , 2020, 7, 247-258.	1.9	23
8	Anisotropic mineralized collagen scaffolds accelerate osteogenic response in a glycosaminoglycan-dependent fashion. <i>RSC Advances</i> , 2020, 10, 15629-15641.	1.7	23
9	Biomaterial design strategies to address obstacles in craniomaxillofacial bone repair. <i>RSC Advances</i> , 2021, 11, 17809-17827.	1.7	22
10	Sequential sequestrations increase the incorporation and retention of multiple growth factors in mineralized collagen scaffolds. <i>RSC Advances</i> , 2020, 10, 26982-26996.	1.7	12
11	Repair of critical-size porcine craniofacial bone defects using a collagen-polycaprolactone composite biomaterial. <i>Biofabrication</i> , 2022, 14, 014102.	3.7	12
12	Glycosaminoglycan content of a mineralized collagen scaffold promotes mesenchymal stem cell secretion of factors to modulate angiogenesis and monocyte differentiation. <i>Materialia</i> , 2021, 18, 101149.	1.3	11
13	Catenin Limits Osteogenesis on Regenerative Materials in a Stiffness-Dependent Manner. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101467.	3.9	11