

Alexander M Stahl

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

249
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic characterization of 3D-printed PCL/ β -TCP scaffolds for biomedical devices and bone tissue engineering: Influence of composition and porosity. <i>Journal of Materials Research</i> , 2018, 33, 1948-1959.	2.6	105
2	Regenerative Approaches for the Treatment of Large Bone Defects. <i>Tissue Engineering - Part B: Reviews</i> , 2021, 27, 539-547.	4.8	50
3	Preclinical induced membrane model to evaluate synthetic implants for healing critical bone defects without autograft. <i>Journal of Orthopaedic Research</i> , 2019, 37, 60-68.	2.3	19
4	Synthesis and characterization of polycaprolactone urethane hollow fiber membranes as small diameter vascular grafts. <i>Materials Science and Engineering C</i> , 2016, 64, 61-73.	7.3	16
5	Osteoinductive 3D printed scaffold healed 5 cm segmental bone defects in the ovine metatarsus. <i>Scientific Reports</i> , 2021, 11, 6704.	3.3	16
6	A bioactive compliant vascular graft modulates macrophage polarization and maintains patency with robust vascular remodeling. <i>Bioactive Materials</i> , 2023, 19, 167-178.	15.6	15
7	Tunable Elastomers with an Antithrombotic Component for Cardiovascular Applications. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800222.	7.6	11
8	Combining a Vascular Bundle and 3D Printed Scaffold with BMP-2 Improves Bone Repair and Angiogenesis. <i>Tissue Engineering - Part A</i> , 2021, 27, 1517-1525.	3.1	6
9	Investigation of a Prevascularized Bone Graft for Large Defects in the Ovine Tibia. <i>Tissue Engineering - Part A</i> , 2021, 27, 1458-1469.	3.1	6
10	Effect of Zinc Oxide Nanoparticle Addition to Polycaprolactone Periodontal Membranes on Antibacterial Activity and Cell Viability. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 3683-3688.	0.9	4
11	Probing the role of methyl methacrylate release from spacer materials in induced membrane bone healing. <i>Journal of Orthopaedic Research</i> , 2021, , .	2.3	1