

Ruchi Mishra

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

519
citations

840776

11
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	Craniofacial and Dental Tissue. , 2022, , 287-310.		0
2	Engineering of Bone: Uncovering Strategies of Static and Dynamic Environments. Materials Horizons, 2019, , 175-214.	0.6	0
3	The potential impact of bone tissue engineering in the clinic. Regenerative Medicine, 2016, 11, 571-587.	1.7	65
4	Growth Factor Dose Tuning for Bone Progenitor Cell Proliferation and Differentiation on Resorbable Poly(propylene fumarate) Scaffolds. Tissue Engineering - Part C: Methods, 2016, 22, 904-913.	2.1	19
5	Synthesis and Biological Evaluation of Well-Defined Poly(propylene fumarate) Oligomers and Their Use in 3D Printed Scaffolds. Biomacromolecules, 2016, 17, 690-697.	5.4	69
6	Effect of prevascularization on inÂvivo vascularization of poly(propylene fumarate)/fibrin scaffolds. Biomaterials, 2016, 77, 255-266.	11.4	75
7	Cryogel Biomaterials for Musculoskeletal Tissue Engineering. , 2016, , 219-254.		0
8	Study of <i>in Vitro</i> and <i>in Vivo</i> Bone Formation in Composite Cryogels and the Influence of Electrical Stimulation. International Journal of Biological Sciences, 2015, 11, 1325-1336.	6.4	20
9	Craniofacial and Dental Tissue. , 2015, , 191-213.		2
10	Bioprinting of Bone. , 2015, , 293-308.		5
11	Biocomposite cryogels as tissue engineered biomaterials for regeneration of critical-sized cranial bone defects. Tissue Engineering - Part A, 2014, 20, 131022233639007.	3.1	22
12	Osteocompatibility and osteoinductive potential of supermacroporous polyvinyl alcohol-TEOS-Agarose-CaCl ₂ (PTAgC) biocomposite cryogels. Journal of Materials Science: Materials in Medicine, 2014, 25, 1327-1337.	3.6	17
13	Effect of plasma polymerization on physicochemical properties of biocomposite cryogels causing a differential behavior of human osteoblasts. Journal of Colloid and Interface Science, 2014, 431, 139-148.	9.4	7
14	Inorganic/Organic Biocomposite Cryogels for Regeneration of Bony Tissues. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 2107-2126.	3.5	29
15	Cryogels: Freezing unveiled by thawing. Materials Today, 2010, 13, 42-44.	14.2	107
16	Physical and cytocompatibility properties of bioactive glassâ€“polyvinyl alcoholâ€“sodium alginate biocomposite foams prepared via solâ€“gel processing for trabecular bone regeneration. Journal of Materials Science: Materials in Medicine, 2009, 20, 2493-2500.	3.6	38