

# Ruchi Mishra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5476138/publications.pdf>

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