R F Canadas

List of Publications by Citations

21 papers	357 citations	9 h-index	18 g-index
24 ext. papers	429 ext. citations	7 avg, IF	3.36 L-index

#	Paper	IF	Citations
21	Combinatory approach for developing silk fibroin scaffolds for cartilage regeneration. *Acta Biomaterialia*, **2018**, 72, 167-181	10.8	68
20	Gellan Gum-Based Hydrogel Bilayered Scaffolds for Osteochondral Tissue Engineering. *Key Engineering Materials*, **2013**, 587, 255-260	0.4	43
19	Marine Collagen/Apatite Composite Scaffolds Envisaging Hard Tissue Applications. *Marine Drugs*, **2018**, 16,	6	36
18	Biochemical Gradients to Generate 3D Heterotypic-Like Tissues with Isotropic and Anisotropic Architectures. *Advanced Functional Materials*, **2018**, 28, 1804148	15.6	33
17	Injectable gellan-gum/hydroxyapatite-based bilayered hydrogel composites for osteochondral tissue regeneration. *Applied Materials Today*, **2018**, 12, 309-321	6.6	29
16	Biofunctional Ionic-Doped Calcium Phosphates: Silk Fibroin Composites for Bone Tissue Engineering Scaffolding. *Cells Tissues Organs*, **2017**, 204, 150-163	2.1	28
15	Tunable anisotropic networks for 3-D oriented neural tissue models. *Biomaterials*, **2018**, 181, 402-414	15.6	25
14	Polyhydroxyalkanoates: waste glycerol upgrade into electrospun fibrous scaffolds for stem cells culture. *International Journal of Biological Macromolecules*, **2014**, 71, 131-40	7.9	24
13	A soft 3D polyacrylate hydrogel recapitulates the cartilage niche and allows growth-factor free tissue engineering of human articular cartilage. *Acta Biomaterialia*, **2019**, 90, 146-156	10.8	16
12	Stem Cells for Osteochondral Regeneration. *Advances in Experimental Medicine and Biology*, **2018**, 1059, 219-240	3.6	8
11	Entrapped in cage (EiC) scaffolds of 3D-printed polycaprolactone and porous silk fibroin for meniscus tissue engineering. *Biofabrication*, **2020**, 12, 025028	10.5	7
10	Bioreactors and Microfluidics for Osteochondral Interface Maturation. *Advances in Experimental Medicine and Biology*, **2018**, 1059, 395-420	3.6	7
9	Ionic Liquid-Mediated Processing of SAIB-Chitin Scaffolds. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 3986-3994	8.3	6
8	Posterior talar process as a suitable cell source for treatment of cartilage and osteochondral defects of the talus. *Journal of Tissue Engineering and Regenerative Medicine*, **2017**, 11, 1949-1962	4.4	5
7	Osteochondral Tissue Engineering and Regenerative Strategies. *Studies in Mechanobiology, Tissue Engineering and Biomaterials*, **2017**, 213-233	0.5	5
6	Cartilage and Bone Regeneration How Close Are We to Bedside? **2016**, 89-106		4
5	Porous aligned ZnSr-doped TCP/silk fibroin scaffolds using ice-templating method for bone tissue engineering applications. *Journal of Biomaterials Science, Polymer Edition*, **2021**, 32, 1966-1982	3.5	4

4	Bioengineered Nanoparticles Loaded-Hydrogels to Target TNF Alpha in Inflammatory Diseases. *Pharmaceutics*, **2021**, 13,	6.4	3
3	Dynamic Culture Systems and 3D Interfaces Models for Cancer Drugs Testing. *Advances in Experimental Medicine and Biology*, **2020**, 1230, 137-159	3.6	2
2	3DICE coding matrix multidirectional macro-architecture modulates cell organization, shape, and co-cultures endothelization network. *Biomaterials*, **2021**, 277, 121112	15.6	2
1	Convection patterns gradients of non-living and living micro-entities in hydrogels. *Applied Materials Today*, **2020**, 21, 100859	6.6	1