

# R F Canadas

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2157224/r-f-canadas-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Porous aligned ZnSr-doped $\beta$ -TCP/silk fibroin scaffolds using ice-templating method for bone tissue engineering applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2021</b> , 32, 1966-1982	3.5	4
20	Bioengineered Nanoparticles Loaded-Hydrogels to Target TNF Alpha in Inflammatory Diseases. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
19	3DICE coding matrix multidirectional macro-architecture modulates cell organization, shape, and co-cultures endothelialization network. <i>Biomaterials</i> , <b>2021</b> , 277, 121112	15.6	2
18	Ionic Liquid-Mediated Processing of SAIB-Chitin Scaffolds. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 3986-3994	8.3	6
17	Entrapped in cage (EiC) scaffolds of 3D-printed polycaprolactone and porous silk fibroin for meniscus tissue engineering. <i>Biofabrication</i> , <b>2020</b> , 12, 025028	10.5	7
16	Dynamic Culture Systems and 3D Interfaces Models for Cancer Drugs Testing. <i>Advances in Experimental Medicine and Biology</i> , <b>2020</b> , 1230, 137-159	3.6	2
15	Convection patterns gradients of non-living and living micro-entities in hydrogels. <i>Applied Materials Today</i> , <b>2020</b> , 21, 100859	6.6	1
14	A soft 3D polyacrylate hydrogel recapitulates the cartilage niche and allows growth-factor free tissue engineering of human articular cartilage. <i>Acta Biomaterialia</i> , <b>2019</b> , 90, 146-156	10.8	16
13	Combinatory approach for developing silk fibroin scaffolds for cartilage regeneration. <i>Acta Biomaterialia</i> , <b>2018</b> , 72, 167-181	10.8	68
12	Tunable anisotropic networks for 3-D oriented neural tissue models. <i>Biomaterials</i> , <b>2018</b> , 181, 402-414	15.6	25
11	Injectable gellan-gum/hydroxyapatite-based bilayered hydrogel composites for osteochondral tissue regeneration. <i>Applied Materials Today</i> , <b>2018</b> , 12, 309-321	6.6	29
10	Stem Cells for Osteochondral Regeneration. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1059, 219-240	3.6	8
9	Bioreactors and Microfluidics for Osteochondral Interface Maturation. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1059, 395-420	3.6	7
8	Marine Collagen/Apatite Composite Scaffolds Envisaging Hard Tissue Applications. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	36
7	Biochemical Gradients to Generate 3D Heterotypic-Like Tissues with Isotropic and Anisotropic Architectures. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804148	15.6	33
6	Posterior talar process as a suitable cell source for treatment of cartilage and osteochondral defects of the talus. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2017</b> , 11, 1949-1962	4.4	5
5	Osteochondral Tissue Engineering and Regenerative Strategies. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , <b>2017</b> , 213-233	0.5	5

4	Biofunctional Ionic-Doped Calcium Phosphates: Silk Fibroin Composites for Bone Tissue Engineering Scaffolding. <i>Cells Tissues Organs</i> , <b>2017</b> , 204, 150-163	2.1	28
3	Cartilage and Bone Regeneration How Close Are We to Bedside? <b>2016</b> , 89-106		4
2	Polyhydroxyalkanoates: waste glycerol upgrade into electrospun fibrous scaffolds for stem cells culture. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 71, 131-40	7.9	24
1	Gellan Gum-Based Hydrogel Bilayered Scaffolds for Osteochondral Tissue Engineering. <i>Key Engineering Materials</i> , <b>2013</b> , 587, 255-260	0.4	43