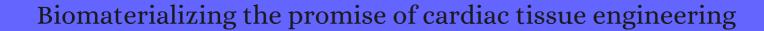
## CITATION REPORT List of articles citing



DOI: 10.1016/j.biotechadv.2019.02.009 Biotechnology Advances, 2020, 42, 107353.

Source: https://exaly.com/paper-pdf/74919557/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
50	3D Bioprinting: Recent Trends and Challenges. <i>Journal of the Indian Institute of Science</i> , <b>2019</b> , 99, 375-4	40 <b>3</b> .4	11
49	Channeled ECM-Based Nanofibrous Hydrogel for Engineering Vascularized Cardiac Tissues. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	8
48	Composite Inks for Extrusion Printing of Biological and Biomedical Constructs. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 4009-4026	5.5	10
47	Three-dimensional scaffold-free microtissues engineered for cardiac repair. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 7571-7590	7.3	8
46	Current State of the Art in Ventricle Tissue Engineering. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 591581	5.4	1
45	Modeling the Response of Heart Muscle to Mechanical Stimulation In Vitro. <i>Current Tissue Microenvironment Reports</i> , <b>2020</b> , 1, 61-72	1.1	4
44	Extracellular matrix-based biomaterials for cardiac regeneration and repair. <i>Heart Failure Reviews</i> , <b>2021</b> , 26, 1231-1248	5	23
43	Nanoscience and nanotechnology in fabrication of scaffolds for tissue regeneration. <i>International Nano Letters</i> , <b>2021</b> , 11, 1-23	5.7	
42	New thermoplastic elastomer triblock copolymer of PLLA for cardiovascular tissue engineering: Annealing as efficient tool to tailor the solid-state properties. <i>Polymer</i> , <b>2021</b> , 213, 123336	3.9	6
41	A Concise Review on Induced Pluripotent Stem Cell-Derived Cardiomyocytes for Personalized Regenerative Medicine. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 748-776	7.3	6
40	Engineering Human Cardiac Muscle Patch Constructs for Prevention of Post-infarction LV Remodeling. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 621781	5.4	6
39	Engineering and Assessing Cardiac Tissue Complexity. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
38	Unconventional biomaterials for cardiovascular tissue engineering. <i>Current Opinion in Biomedical Engineering</i> , <b>2021</b> , 17, 100263	4.4	O
37	Recapitulating Cardiac Structure and Function In Vitro from Simple to Complex Engineering. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	2
36	Carbon Nanotube-Based Scaffolds for Cardiac Tissue Engineering-Systematic Review and Narrative Synthesis. <i>Bioengineering</i> , <b>2021</b> , 8,	5.3	3
35	Bioengineering Technologies for Cardiac Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 681705	5.8	8
34	Biotherapeutic-loaded injectable hydrogels as a synergistic strategy to support myocardial repair after myocardial infarction. <i>Journal of Controlled Release</i> , <b>2021</b> , 335, 216-236	11.7	8

33	A deep dive into the darning effects of biomaterials in infarct myocardium: current advances and future perspectives. <i>Heart Failure Reviews</i> , <b>2021</b> , 1	5	2
32	RGD-pectin microfiber patches for guiding muscle tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2021</b> ,	5.4	4
31	Construction and application of textile-based tissue engineering scaffolds: a review. <i>Biomaterials Science</i> , <b>2020</b> , 8, 3574-3600	7.4	28
30	A framework for developing sex-specific engineered heart models. <i>Nature Reviews Materials</i> , <b>2021</b> , 1-19	973.3	5
29	Extracellular Matrix-Based Biomaterials for Cardiovascular Tissue Engineering. <i>Journal of Cardiovascular Development and Disease</i> , <b>2021</b> , 8,	4.2	5
28	Stem Cells and the Future of Heart Transplantation. Organ and Tissue Transplantation, 2020, 483-500	Ο	1
27	Frame-Hydrogel Methodology for Engineering Highly Functional Cardiac Tissue Constructs. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2158, 171-186	1.4	2
26	Myocardial Infarction Techniques in Adult Mice. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2158, 3-21	1.4	2
25	Stem Cells and the Future of Heart Transplantation. Organ and Tissue Transplantation, 2020, 1-19	Ο	
24	Heart Muscle Tissue Engineering. <i>Learning Materials in Biosciences</i> , <b>2020</b> , 99-121	0.3	
23	Possible Treatment of Myocardial Infarct Based on Tissue Engineering Using a Cellularized Solid Collagen Scaffold Functionalized with Arg-Glyc-Asp (RGD) Peptide. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
22	Supramolecular Adhesive Hydrogels for Tissue Engineering Applications Chemical Reviews, 2022,	68.1	28
21	New Forms of Electrospun Nanofibers Applied in Cardiovascular Field <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 801077	5.4	Ο
20	Human iPSC models of cardiac electrophysiology and arrhythmia. <b>2022</b> , 29-93		
19	Chitosan nanocomposites for biomedical applications. <b>2022</b> , 111-138		2
18	The Guinea Pig Model in Cardiac Regeneration Research; Current Tissue Engineering Approaches and Future Directions. <b>2022</b> , 103-122		
17	Toward improved understanding of cardiac development and congenital heart disease: The advent of cardiac organoids <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2022</b> ,	1.5	1
16	Engineering Models of the Heart Left Ventricle ACS Biomaterials Science and Engineering, 2022,	5.5	

15	Tissue-engineered heart chambers as a platform technology for drug discovery and disease modeling. <b>2022</b> , 212916		1
14	Electrically Conductive Carbon-based (Bio)-nanomaterials for Cardiac Tissue Engineering.  Bioengineering and Translational Medicine,	14.8	3
13	Electrical stimulation through conductive scaffolds for cardiomyocyte tissue engineering: Systematic review and narrative synthesis. <i>Annals of the New York Academy of Sciences</i> ,	6.5	
12	Cardiovascular 3D bioprinting: A review on cardiac tissue development. <i>Bioprinting</i> , <b>2022</b> , e00221	7	2
11	Generation of ring-shaped human iPSC-derived functional heart microtissues in a MBius strip configuration.		O
10	Synthesis of hybrid myocardium constructs and in vitro characterization under mechanical stimulation. <b>2022</b> , 33, 104477		O
9	Biodegradable Materials from Natural Origin for Tissue Engineering and Stem Cells Technologies. <b>2022</b> , 1-40		0
8	Engineered Tissue for Cardiac Regeneration: Current Status and Future Perspectives. <b>2022</b> , 9, 605		1
7	Collagen/Plasma-Polymerized Pyrrole Interaction: Molecular Docking and Binding Energy Calculations. <b>2023</b> , 153-161		О
6	Icariin: A Promising Natural Product in Biomedicine and Tissue Engineering. 2023, 14, 44		1
5	Current approaches for the recreation of cardiac ischaemic environment in vitro. 2023, 632, 122589		0
4	The Exciting Realities and Possibilities of iPS-Derived Cardiomyocytes. <b>2023</b> , 10, 237		O
3	Biodegradable Materials from Natural Origin for Tissue Engineering and Stem Cells Technologies. <b>2023</b> , 1133-1172		О
2	Micropatterned fibrin scaffolds increase cardiomyocyte alignment and contractility for the fabrication of engineered myocardial tissue.		O
1	Plant-Derived Biomaterials and Their Potential in Cardiac Tissue Repair.		0