

# Mesenchymal stem cells for cartilage regeneration

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Review of Synthetic and Hybrid Scaffolds in Cartilage Tissue Engineering. <i>Membranes</i> , 2020, 10, 348.	1.4	75
2	Current Nanoparticle-Based Technologies for Osteoarthritis Therapy. <i>Nanomaterials</i> , 2020, 10, 2368.	1.9	29
3	Post-decellularization techniques ameliorate cartilage decellularization process for tissue engineering applications. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142098356.	2.3	20
4	Defined MSC exosome with high yield and purity to improve regenerative activity. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142110086.	2.3	47
5	Recent advances in polymeric scaffolds containing carbon nanotube and graphene oxide for cartilage and bone regeneration. <i>Materials Today Communications</i> , 2021, 26, 102097.	0.9	27
6	Biophysical and Biochemical Cues of Biomaterials Guide Mesenchymal Stem Cell Behaviors. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 640388.	1.8	56
7	Assessment of properties, applications and limitations of scaffolds based on cellulose and its derivatives for cartilage tissue engineering: A review. <i>International Journal of Biological Macromolecules</i> , 2021, 175, 495-515.	3.6	48
8	Minicircles for Investigating and Treating Arthritic Diseases. <i>Pharmaceutics</i> , 2021, 13, 736.	2.0	1
9	Comparative Analysis of MSC-Derived Exosomes Depending on Cell Culture Media for Regenerative Bioactivity. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 355-367.	1.6	21
10	Long wait times for knee and hip total joint replacement in Canada: An isolated health system problem, or a symptom of a larger problem?. <i>Osteoarthritis and Cartilage Open</i> , 2021, 3, 100141.	0.9	16
11	The Potential Use of Mesenchymal Stem Cells and Their Derived Exosomes for Orthopedic Diseases Treatment. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 933-951.	1.7	50
12	Preclinical Testing of New Hydrogel Materials for Cartilage Repair: Overcoming Fixation Issues in a Large Animal Model. <i>International Journal of Biomaterials</i> , 2021, 2021, 1-14.	1.1	4
13	Bioorthogonal hydroxyethyl cellulose-based scaffold crosslinked via click chemistry for cartilage tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 2030-2043.	3.6	16
14	Chondroinductive/chondroconductive peptides and their-functionalized biomaterials for cartilage tissue engineering. <i>Bioactive Materials</i> , 2022, 9, 221-238.	8.6	27
15	Characterization of Osteogenesis and Chondrogenesis of Human Decellularized Allogeneic Bone with Mesenchymal Stem Cells Derived from Bone Marrow, Adipose Tissue, and Wharton's Jelly. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8987.	1.8	10
16	Polymer Scaffolds-Enhanced Bone Regeneration in Osteonecrosis Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 761302.	2.0	7
17	Intra-articular injection of orthobiologics in patients undergoing high tibial osteotomy for knee osteoarthritis is safe and effective – a systematic review. <i>Journal of Experimental Orthopaedics</i> , 2021, 8, 83.	0.8	5
18	Enhanced efficacy of transforming growth factor- $\beta$ 21 loaded an injectable cross-linked thiolated chitosan and carboxymethyl cellulose-based hydrogels for cartilage tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 2402-2422.	1.9	10

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19	Rational design of a highly porous electronic scaffold with concurrent enhancement in cell behaviors and differentiation under electrical stimulation. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7674-7685.	2.9	9
20	The Application of Bioreactors for Cartilage Tissue Engineering: Advances, Limitations, and Future Perspectives. <i>Stem Cells International</i> , 2021, 2021, 1-13.	1.2	29
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25	Physical Gold Nanoparticle-Decorated Polyethylene Glycol-Hydroxyapatite Composites Guide Osteogenesis and Angiogenesis of Mesenchymal Stem Cells. <i>Biomedicines</i> , 2021, 9, 1632.	1.4	9
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27	Dry arthroscopy with a simple retraction technique for knee joint cartilage repair using allogenic human umbilical cord blood-derived mesenchymal stem cells. <i>Arthroscopy Techniques</i> , 2021, 10, e2747-e2752.	0.5	2
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34	Three-Dimensional Printing Strategies for Irregularly Shaped Cartilage Tissue Engineering: Current State and Challenges. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 777039.	2.0	4
35	Sources and Therapeutic Strategies of Mesenchymal Stem Cells in Regenerative Medicine. , 2022, , 1-28.		16
36	Development of chitosan/hyaluronic acid hydrogel scaffolds via enzymatic reaction for cartilage tissue engineering. <i>Materials Today Communications</i> , 2022, 30, 103230.	0.9	23

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37	Indoleamine 2, 3 Dioxygenase 1 Impairs Chondrogenic Differentiation of Mesenchymal Stem Cells in the Joint of Osteoarthritis Mice Model. <i>Frontiers in Immunology</i> , 2021, 12, 781185.	2.2	4
38	Bionic biphasic composite scaffolds with osteochondrogenic factors for regeneration of full-thickness osteochondral defects. <i>Biomaterials Science</i> , 2022, 10, 1713-1723.	2.6	6
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58	Ultrasound-augmented anti-inflammatory exosomes for targeted therapy in rheumatoid arthritis. <i>Journal of Materials Chemistry B</i> , 2022, 10, 7862-7874.	2.9	8
59	Soft substrates direct stem cell differentiation into the chondrogenic lineage without the use of growth factors. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142211221.	2.3	14
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