## CITATION REPORT List of articles citing

Tissue engineering for total meniscal substitution: animal study in sheep model--results at 12 months

DOI: 10.1089/ten.tea.2011.0572 Tissue Engineering - Part A, 2012, 18, 1573-82.

Source: https://exaly.com/paper-pdf/53486521/citation-report.pdf

Version: 2024-04-23

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
92	Meniscus regeneration in a rabbit partial meniscectomy model. <i>Tissue Engineering</i> , <b>1999</b> , 5, 327-37		93
91	Effect of interleukin-1ltreatment on co-cultures of human meniscus cells and bone marrow mesenchymal stromal cells. <i>BMC Musculoskeletal Disorders</i> , <b>2013</b> , 14, 216	2.8	9
90	Synthetic meniscus replacement: a review. <i>International Orthopaedics</i> , <b>2013</b> , 37, 291-9	3.8	87
89	Matrix forming characteristics of inner and outer human meniscus cells on 3D collagen scaffolds under normal and low oxygen tensions. <i>BMC Musculoskeletal Disorders</i> , <b>2013</b> , 14, 353	2.8	24
88	Effect of open wedge high tibial osteotomy on the lateral compartment in sheep. Part I: Analysis of the lateral meniscus. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2013</b> , 21, 39-48	5.5	27
87	PLDLA/PCL-T Scaffold for Meniscus Tissue Engineering. <i>BioResearch Open Access</i> , <b>2013</b> , 2, 138-47	2.4	74
86	Advancing articular cartilage repair through tissue engineering: from materials and cells to clinical translation. 488-513		
85	Building an anisotropic meniscus with zonal variations. <i>Tissue Engineering - Part A</i> , <b>2014</b> , 20, 294-302	3.9	21
84	Protein-releasing polymeric scaffolds induce fibrochondrocytic differentiation of endogenous cells for knee meniscus regeneration in sheep. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 266ra171	17.5	205
83	Biodegradable polyurethane meniscal scaffold for isolated partial lesions or as combined procedure for knees with multiple comorbidities: clinical results at 2 years. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2014</b> , 22, 128-34	5.5	52
82	Current strategies in meniscal regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2014</b> , 102, 619-34	3.5	29
81	3D geometry analysis of the medial meniscusa statistical shape modeling approach. <i>Journal of Anatomy</i> , <b>2014</b> , 225, 395-402	2.9	15
80	Translating orthopaedic basic science into clinical relevance. <i>Journal of Experimental Orthopaedics</i> , <b>2014</b> , 1, 5	2.3	5
79	A multilayer tissue engineered meniscus substitute. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2014</b> , 25, 1195-209	4.5	12
78	Polymeric Biomaterials for Implantable Prostheses. <b>2014</b> , 309-331		12
77	Biomechanical and cellular segmental characterization of human meniscus: building the basis for Tissue Engineering therapies. <i>Osteoarthritis and Cartilage</i> , <b>2014</b> , 22, 1271-81	6.2	54
76	Biomaterials in search of a meniscus substitute. <i>Biomaterials</i> , <b>2014</b> , 35, 3527-40	15.6	76

## (2016-2014)

75	and caudal compartments. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , <b>2014</b> , 27, 387-9	4 <sup>1.2</sup>	2
74	Short Term Evaluation of an Anatomically Shaped Polycarbonate Urethane Total Meniscus Replacement in a Goat Model. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133138	3.7	24
73	Advances and Prospects in Tissue-Engineered Meniscal Scaffolds for Meniscus Regeneration. <i>Stem Cells International</i> , <b>2015</b> , 2015, 517520	5	27
7 <sup>2</sup>	Comparison of the biomechanical tensile and compressive properties of decellularised and natural porcine meniscus. <i>Journal of Biomechanics</i> , <b>2015</b> , 48, 1389-96	2.9	47
71	Biological augmentation and tissue engineering approaches in meniscus surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>2015</b> , 31, 944-55	5.4	55
70	Meniscus tissue engineering. <b>2015</b> , 219-237		1
69	Successful Total Meniscus Reconstruction Using a Novel Fiber-Reinforced Scaffold: A 16- and 32-Week Study in an Ovine Model. <i>American Journal of Sports Medicine</i> , <b>2015</b> , 43, 2528-37	6.8	39
68	Scaffolds drive meniscus tissue engineering. <i>RSC Advances</i> , <b>2015</b> , 5, 77851-77859	3.7	21
67	In vivo performance of a novel silk fibroin scaffold for partial meniscal replacement in a sheep model. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2015</b> , 23, 2218-2229	5.5	43
66	Animal models for meniscus repair and regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2015</b> , 9, 512-27	4.4	42
65	Meniscal scaffolds: results and indications. A systematic literature review. <i>International Orthopaedics</i> , <b>2015</b> , 39, 35-46	3.8	45
64	Cell-Based Strategies for Meniscus Tissue Engineering. Stem Cells International, 2016, 2016, 4717184	5	33
63	Synovial Joint. <b>2016</b> , 253-273		
62	Anatomical study: comparing the human, sheep and pig knee meniscus. <i>Journal of Experimental Orthopaedics</i> , <b>2016</b> , 3, 35	2.3	31
61	Gene Therapy, Growth Factors, Mesenchymal Cells, New Trends and Future Perspectives. <b>2016</b> , 559-57	5	1
60	One-Year Outcomes of Total Meniscus Reconstruction Using a Novel Fiber-Reinforced Scaffold in an Ovine Model. <i>American Journal of Sports Medicine</i> , <b>2016</b> , 44, 898-907	6.8	37
59	Autologous Bone Marrow Concentrate in a Sheep Model of Osteoarthritis: New Perspectives for Cartilage and Meniscus Repair. <i>Tissue Engineering - Part C: Methods</i> , <b>2016</b> , 22, 608-19	2.9	35
58	Application of cell and biomaterial-based tissue engineering methods in the treatment of cartilage, menisci and ligament injuries. <i>International Orthopaedics</i> , <b>2016</b> , 40, 615-24	3.8	19

57	Polyurethane-based cell-free scaffold for the treatment of painful partial meniscus loss. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2017</b> , 25, 459-467	5.5	30
56	Treatments of Meniscus Lesions of the Knee: Current Concepts and Future Perspectives. <i>Regenerative Engineering and Translational Medicine</i> , <b>2017</b> , 3, 32-50	2.4	12
55	3D-Printed Poly(Etaprolactone) Scaffold Augmented With Mesenchymal Stem Cells for Total Meniscal Substitution: A 12- and 24-Week Animal Study in a Rabbit Model. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 1497-1511	6.8	89
54	Mechanical function near defects in an aligned nanofiber composite is preserved by inclusion of disorganized layers: Insight into meniscus structure and function. <i>Acta Biomaterialia</i> , <b>2017</b> , 56, 102-109	10.8	19
53	An in vitro study of cartilage-meniscus tribology to understand the changes caused by a meniscus implant. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 155, 294-303	6	22
52	Establishment of novel meniscal scaffold structures using polyglycolic and poly-l-lactic acids. Journal of Biomaterials Applications, <b>2017</b> , 32, 150-161	2.9	13
51	Dynamic compression of human and ovine meniscal tissue compared with a potential thermoplastic elastomer hydrogel replacement. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2017</b> , 105, 2722-272	. <sub>8</sub> 5.4	14
50	Cell-Based Meniscus Repair and Regeneration: At the Brink of Clinical Translation?: A Systematic Review of Preclinical Studies. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2017</b> , 5, 2325967117690131	3.5	35
49	The Ovine Model for Meniscus Tissue Engineering: Considerations of Anatomy, Function, Implantation, and Evaluation. <i>Tissue Engineering - Part C: Methods</i> , <b>2017</b> , 23, 829-841	2.9	14
48	In Vivo Performance of a Novel, Anatomically Shaped, Total Meniscal Prosthesis Made of Polycarbonate Urethane: A 12-Month Evaluation in Goats. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 2824-2834	6.8	14
47	Coculture of meniscus cells and mesenchymal stem cells in simulated microgravity. <i>Npj Microgravity</i> , <b>2017</b> , 3, 28	5.3	12
46	Biomaterials in Meniscus Tissue Engineering. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , <b>2017</b> , 249-270	0.5	5
45	Novel Composites for Human Meniscus Replacement. <b>2017</b> , 547-568		
44	Biopolymers and polymers in the search of alternative treatments for meniscal regeneration: State of the art and future trends. <i>Applied Materials Today</i> , <b>2018</b> , 12, 51-71	6.6	65
43	An electrospun fiber reinforced scaffold promotes total meniscus regeneration in rabbit meniscectomy model. <i>Acta Biomaterialia</i> , <b>2018</b> , 73, 127-140	10.8	34
42	Engineered Healing of Avascular Meniscus Tears by Stem Cell Recruitment. <i>Scientific Reports</i> , <b>2018</b> , 8, 8150	4.9	39
41	Interference Screw Versus Suture Endobutton Fixation of a Fiber-Reinforced Meniscus Replacement Device in a Human Cadaveric Knee Model. <i>American Journal of Sports Medicine</i> , <b>2018</b> , 46, 2133-2141	6.8	4
40	A Hydrogel Meniscal Replacement: Knee Joint Pressure and Distribution in an Ovine Model Compared to Native Tissue. <i>Annals of Biomedical Engineering</i> , <b>2018</b> , 46, 1785-1796	4.7	7

## (2020-2018)

39	Tissue-Engineered Total Meniscus Replacement With a Fiber-Reinforced Scaffold in a 2-Year Ovine Model. <i>American Journal of Sports Medicine</i> , <b>2018</b> , 46, 1844-1856	6.8	15
38	Cell-Free Strategies for Repair and Regeneration of Meniscus Injuries through the Recruitment of Endogenous Stem/Progenitor Cells. <i>Stem Cells International</i> , <b>2018</b> , 2018, 5310471	5	18
37	The Radiated Deep-frozen Xenogenic Meniscal Tissue Regenerated the Total Meniscus with Chondroprotection. <i>Scientific Reports</i> , <b>2018</b> , 8, 9041	4.9	3
36	Long-term Evaluation of Meniscal Tissue Formation in 3-dimensional-Printed Scaffolds With Sequential Release of Connective Tissue Growth Factor and TGF-B in an Ovine Model. <i>American Journal of Sports Medicine</i> , <b>2019</b> , 47, 2596-2607	6.8	20
35	PCL-MECM-Based Hydrogel Hybrid Scaffolds and Meniscal Fibrochondrocytes Promote Whole Meniscus Regeneration in a Rabbit Meniscectomy Model. <i>ACS Applied Materials &amp; Company Medical</i> , 11, 41626-41639	9.5	38
34	Histological Analysis of the Wrapping Treatment for Meniscal Horizontal Tears in Rabbits. <i>Cartilage</i> , <b>2019</b> , 1947603519870838	3	1
33	Meniscal allograft transplants and new scaffolding techniques. <i>EFORT Open Reviews</i> , <b>2019</b> , 4, 279-295	5.5	25
32	Scaffolds for regeneration of meniscus lesions. <b>2019</b> , 329-344		0
31	Autologous living chondrocytes contained in the meniscal matrix play an important role in in vivo meniscus regeneration induced by in situ meniscus fragment implantation. <i>Orthopaedics and Traumatology: Surgery and Research</i> , <b>2019</b> , 105, 683-690	2.9	2
30	Patient-specific meniscus prototype based on 3D bioprinting of human cell-laden scaffold. <i>Bone and Joint Research</i> , <b>2019</b> , 8, 101-106	4.2	42
29	Orchestrated biomechanical, structural, and biochemical stimuli for engineering anisotropic meniscus. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	45
28	Biomechanical characterization of a novel collagen-hyaluronan infused 3D-printed polymeric device for partial meniscus replacement. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2019</b> , 107, 2457-2465	3.5	20
27	Partial Meniscus Replacement with a Collagen-Hyaluronan Infused Three-Dimensional Printed Polymeric Scaffold. <i>Tissue Engineering - Part A</i> , <b>2019</b> , 25, 379-389	3.9	17
26	Suitability of developed composite materials for meniscal replacement: Mechanical, friction and wear evaluation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2019</b> , 89, 217-226	4.1	4
25	Meniscal tissue repair with nanofibers: future perspectives. <i>Nanomedicine</i> , <b>2020</b> , 15, 2517-2538	5.6	4
24	Bone Marrow Mesenchymal Stem Cell-Derived Tissues are Mechanically Superior to Meniscus Cells. <i>Tissue Engineering - Part A</i> , <b>2021</b> , 27, 914-928	3.9	6
23	Effect of cell seeding density on matrix-forming capacity of meniscus fibrochondrocytes and nasal chondrocytes in meniscus tissue engineering. <i>FASEB Journal</i> , <b>2020</b> , 34, 5538-5551	0.9	2
22	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

21	Meniscectomy-induced osteoarthritis in the sheep model for the investigation of therapeutic strategies: a systematic review. <i>International Orthopaedics</i> , <b>2020</b> , 44, 779-793	3.8	7
20	Biological augmentation to promote meniscus repair: from basic science to clinic application to of the art. <i>Journal of ISAKOS</i> , <b>2020</b> , 5, 150-157	1.1	Ο
19	Functional Characteristics and Mechanical Performance of PCU Composites for Knee Meniscus Replacement. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
18	Biomechanically, structurally and functionally meticulously tailored polycaprolactone/silk fibroin scaffold for meniscus regeneration. <i>Theranostics</i> , <b>2020</b> , 10, 5090-5106	12.1	35
17	3D cell-printing of biocompatible and functional meniscus constructs using meniscus-derived bioink. <i>Biomaterials</i> , <b>2021</b> , 267, 120466	15.6	36
16	Meniscal Salvage: Where We Are Today. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , <b>2021</b> , 29, 596-603	4.5	1
15	Autologous meniscus fragments embedded in atelocollagen gel enhance meniscus repair in a rabbit model. <i>Bone and Joint Research</i> , <b>2021</b> , 10, 269-276	4.2	O
14	No differences in clinical outcome between CMI and Actifit meniscal scaffolds: a systematic review and meta-analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy,</i> <b>2021</b> , 1	5.5	1
13	A Comparison Between Polyurethane and Collagen Meniscal Scaffold for Partial Meniscal Defects: Similar Positive Clinical Results at a Mean of 10 Years of Follow-up. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>2021</b> ,	5.4	2
12	Biosynthetic scaffolds for partial meniscal loss: A systematic review from animal models to clinical practice. <i>Bioactive Materials</i> , <b>2021</b> , 6, 3782-3800	16.7	6
11	Synthetic Meniscal Substitutes. <b>2022</b> , 231-240		
10	Application of Scaffold Materials in Cartilage Tissue Engineering. <i>Pancreatic Islet Biology</i> , <b>2017</b> , 21-39	0.4	2
9	Meniscal Scaffolds - Preclinical Evidence to Support their Use: A Systematic Review. <i>The Open Orthopaedics Journal</i> , <b>2015</b> , 9, 143-56	0.3	20
8	Meniscal Scaffolds: Options Post Meniscectomy. <b>2014</b> , 45-58		
7	Meniscus Scaffolds: 30 Years of Experience. <b>2017</b> , 375-388		
6	Meniscal Lesions: Cell Therapy. <b>2022</b> , 265-276		
5	Implantation of Autogenous Meniscal Fragments Wrapped with a Fascia Sheath Induces Fibrocartilage Regeneration in a Large Meniscal Defect in Sheep: A Histological and Biomechanical Study Orthopaedics and Traumatology: Surgery and Research, 2022, 103225	2.9	0
4	Regional-specific meniscal extracellular matrix hydrogels and their effects on cell-matrix interactions of fibrochondrocytes. <i>Biomedical Materials (Bristol)</i> , <b>2021</b> ,	3.5	O

## CITATION REPORT

Biomechanics of human knee joint under dynamic conditions. *Journal of Mines, Metals and Fuels,* **2022**, 69, 123

Treatment strategies for meniscal lesions: from past to prospective therapeutics. *Regenerative*2.5

Medicine, **2022**, 17, 547-560

Applications and prospects of different functional hydrogels in meniscus repair. 10,

О