Ibrahim Fatih Cengiz

List of Publications by Year
in descending order

33 papers	883 citations	586496 16 h-index	685536 24 g-index
33 all docs	33 docs citations	33 times ranked	1465 citing authors

#	Article	IF	Citations
1	Integration of polyurethane meniscus scaffold during ACL revision is not reliable at 5Âyears despite favourable clinical outcome. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 3422-3427.	2.3	2
2	Hydrogels in the treatment of rheumatoid arthritis: drug delivery systems and artificial matrices for dynamic in vitro models. Journal of Materials Science: Materials in Medicine, 2021, 32, 74.	1.7	20
3	Towards the Development of a Female Animal Model of T1DM Using Hyaluronic Acid Nanocoated Cell Transplantation: Refinements and Considerations for Future Protocols. Pharmaceutics, 2021, 13, 1925.	2.0	12
4	Micro-CT based finite element modelling and experimental characterization of the compressive mechanical properties of 3-D zirconia scaffolds for bone tissue engineering. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 102, 103516.	1.5	31
5	Scaffolds and coatings for bone regeneration. Journal of Materials Science: Materials in Medicine, 2020, 31, 27.	1.7	86
6	Entrapped in cage (EiC) scaffolds of 3D-printed polycaprolactone and porous silk fibroin for meniscus tissue engineering. Biofabrication, 2020, 12, 025028.	3.7	17
7	Physicochemical properties and cytocompatibility assessment of non-degradable scaffolds for bone tissue engineering applications. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 103997.	1.5	17
8	The Clinical Use of Biologics in the Knee Lesions: Does the Patient Benefit?. Current Reviews in Musculoskeletal Medicine, 2019, 12, 406-414.	1.3	12
9	Suturable regenerated silk fibroin scaffold reinforced with 3D-printed polycaprolactone mesh: biomechanical performance and subcutaneous implantation. Journal of Materials Science: Materials in Medicine, 2019, 30, 63.	1.7	29
10	Meniscal allograft transplants and new scaffolding techniques. EFORT Open Reviews, 2019, 4, 279-295.	1.8	43
11	Enzymatically Cross-Linked Silk Fibroin-Based Hierarchical Scaffolds for Osteochondral Regeneration. ACS Applied Materials & Interfaces, 2019, 11, 3781-3799.	4.0	83
12	Gellan Gum-based luminal fillers for peripheral nerve regeneration: anin vivostudy in the rat sciatic nerve repair model. Biomaterials Science, 2018, 6, 1059-1075.	2.6	33
13	Micro-CT â€“ a digital 3D microstructural voyage into scaffolds: a systematic review of the reported methods and results. Biomaterials Research, 2018, 22, 26.	3.2	70
14	Orthopaedic regenerative tissue engineering en route to the holy grail: disequilibrium between the demand and the supply in the operating room. Journal of Experimental Orthopaedics, 2018, 5, 14.	0.8	28
15	PRP Therapy. Advances in Experimental Medicine and Biology, 2018, 1059, 241-253.	0.8	13
16	Emerging Concepts in Treating Cartilage, Osteochondral Defects, and Osteoarthritis of theÂKnee and Ankle. Advances in Experimental Medicine and Biology, 2018, 1059, 25-62.	0.8	12
17	Segmental and regional quantification of 3D cellular density of human meniscus from osteoarthritic knee. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1844-1852.	1.3	20
18	Treatments of Meniscus Lesions of the Knee: Current Concepts and Future Perspectives. Regenerative Engineering and Translational Medicine, 2017, 3, 32-50.	1.6	17

#	Article	IF	Citations
19	Meniscal Lesions: From Basic Science to Clinical Management in Footballers. , 2017, , 145-163.		8
20	â€œBiologicâ€•Treatment for Meniscal Repair. , 2017, , 679-686.		6
21	Micro-computed tomography characterization of tissue engineering scaffolds: effects of pixel size and rotation step. Journal of Materials Science: Materials in Medicine, 2017, 28, 129.	1.7	26
22	Basics of the Meniscus. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2017, , 237-247.	0.7	7
23	Advanced Regenerative Strategies for Human Knee Meniscus. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2017, , 271-285.	0.7	10
24	Building the Basis for Patient-Specific Meniscal Scaffolds. , 2017, , 411-418.		7
25	Quantitative assessment of the regenerative and mineralogenic performances of the zebrafish caudal fin. Scientific Reports, 2016, 6, 39191.	1.6	34
26	Meniscal Repair: Indications, Techniques, and Outcome. , 2016, , 125-142.		11
27	Histology-Ultrastructure-Biology. , 2016, , 23-33.		8
28	The Role of Arthroscopy in the Treatment of Degenerative Meniscus Tear. , 2016, , 107-117.		6
29	Human Meniscus: From Biology to Tissue Engineering Strategies. , 2015, , 1089-1102.		4
30	Tissue Engineering and Regenerative Medicine Strategies for the Treatment of Osteochondral Lesions. , 2014, , 25-47.		8
31	Preparation and characterization of collagen/PLA, chitosan/PLA, and collagen/chitosan/PLA hybrid scaffolds for cartilage tissue engineering. Journal of Materials Science: Materials in Medicine, 2014, 25, 1129-1136.	1.7	119
32	Biomechanical and cellular segmental characterization of human meniscus: building the basis for Tissue Engineering therapies. Osteoarthritis and Cartilage, 2014, 22, 1271-1281.	0.6	80
33	Human Meniscus: From Biology to Tissue Engineering Strategies. , 2013, , 1-16.		4