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List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

797
citations

1162367

8
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

1269
citing authors

#	ARTICLE	IF	CITATIONS
1	A protocol for rapid pericyte differentiation of human induced pluripotent stem cells. STAR Protocols, 2021, 2, 100261.	0.5	9
2	Synthetic alternatives to Matrigel. Nature Reviews Materials, 2020, 5, 539-551.	23.3	498
3	Assessment and prevention of cartilage degeneration surrounding a focal chondral defect in the porcine model. Biochemical and Biophysical Research Communications, 2019, 514, 940-945.	1.0	4
4	Dynamic mechanical loading and growth factors influence chondrogenesis of induced pluripotent mesenchymal progenitor cells in a cartilage-mimetic hydrogel. Biomaterials Science, 2019, 7, 5388-5403.	2.6	24
5	Photopolymerizable Injectable Cartilage Mimetic Hydrogel for the Treatment of Focal Chondral Lesions: A Proof of Concept Study in a Rabbit Animal Model. American Journal of Sports Medicine, 2019, 47, 212-221.	1.9	24
6	The role of chondroitin sulfate in regulating hypertrophy during MSC chondrogenesis in a cartilage mimetic hydrogel under dynamic loading. Biomaterials, 2019, 190-191, 51-62.	5.7	56
7	Current and novel injectable hydrogels to treat focal chondral lesions: Properties and applicability. Journal of Orthopaedic Research, 2018, 36, 64-75.	1.2	25
8	A Stereolithography-Based 3D Printed Hybrid Scaffold for In Situ Cartilage Defect Repair. Macromolecular Bioscience, 2018, 18, 1700267.	2.1	43
9	A MMP7-sensitive photoclickable biomimetic hydrogel for MSC encapsulation towards engineering human cartilage. Journal of Biomedical Materials Research - Part A, 2018, 106, 2344-2355.	2.1	20
10	Mechanical loading regulates human MSC differentiation in a multi-layer hydrogel for osteochondral tissue engineering. Acta Biomaterialia, 2015, 21, 142-153.	4.1	94