

Mousa Younesi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

661
citations

686830

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839053

18
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19
all docs

19
docs citations

19
times ranked

1259
citing authors

#	ARTICLE	IF	CITATIONS
1	Heparin-mediated antibiotic delivery from an electrochemically-aligned collagen sheet. <i>Bio-Medical Materials and Engineering</i> , 2021, 32, 159-170.	0.4	1
2	Microbially-derived nanofibrous cellulose polymer for connective tissue regeneration. <i>Materials Science and Engineering C</i> , 2019, 99, 96-102.	3.8	10
3	Controlled mercerization of bacterial cellulose provides tunability of modulus and ductility over two orders of magnitude. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 530-537.	1.5	6
4	Mechanical Properties, Cytocompatibility and Manufacturability of Chitosan:PEGDA Hybrid-Gel Scaffolds by Stereolithography. <i>Annals of Biomedical Engineering</i> , 2017, 45, 286-296.	1.3	159
5	Synthesis and Fabrication of Nanocomposite Fibers of Collagen-Cellulose Nanocrystals by Coelectrocompaction. <i>Biomacromolecules</i> , 2017, 18, 1259-1267.	2.6	19
6	Effects of PDGF-BB delivery from heparinized collagen sutures on the healing of lacerated chicken flexor tendon in vivo. <i>Acta Biomaterialia</i> , 2017, 63, 200-209.	4.1	28
7	Effects of substrate stiffness on the tenoinduction of human mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2017, 58, 244-253.	4.1	56
8	Collagen Substrate Stiffness Anisotropy Affects Cellular Elongation, Nuclear Shape, and Stem Cell Fate toward Anisotropic Tissue Lineage. <i>Advanced Healthcare Materials</i> , 2016, 5, 2237-2247.	3.9	52
9	Heparinized collagen sutures for sustained delivery of PDGF-BB: Delivery profile and effects on tendon-derived cells In-Vitro. <i>Acta Biomaterialia</i> , 2016, 41, 100-109.	4.1	19
10	Anisotropically Stiff 3D Micropillar Niche Induces Extraordinary Cell Alignment and Elongation. <i>Advanced Healthcare Materials</i> , 2016, 5, 1884-1892.	3.9	23
11	A micro-architecturally biomimetic collagen template for mesenchymal condensation based cartilage regeneration. <i>Acta Biomaterialia</i> , 2016, 30, 212-221.	4.1	29
12	Biomechanical evaluation of a novel suturing scheme for grafting load-bearing collagen scaffolds for rotator cuff repair. <i>Clinical Biomechanics</i> , 2015, 30, 669-675.	0.5	22
13	Computer aided biomanufacturing of mechanically robust pure collagen meshes with controlled macroporosity. <i>Biofabrication</i> , 2015, 7, 035005.	3.7	19
14	Fabrication of compositionally and topographically complex robust tissue forms by 3D-electrochemical compaction of collagen. <i>Biofabrication</i> , 2015, 7, 035001.	3.7	40
15	Optical Properties and van der Waals-London Dispersion Interactions in Inorganic and Biomolecular Assemblies. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1619, 1.	0.1	0
16	Tenogenic Induction of Human MSCs by Anisotropically Aligned Collagen Biotextiles. <i>Advanced Functional Materials</i> , 2014, 24, 5762-5770.	7.8	142
17	The Effect of the Surface Treating and High-Temperature Aging on the Strength and SCC Susceptibility of 7075 Aluminum Alloy. <i>Journal of Materials Engineering and Performance</i> , 2010, 19, 852-859.	1.2	30