Mousa Younesi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10726488/publications.pdf

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17	661	686830 13	839053 18
papers	citations	h-index	g-index

19	19	19	1259
all docs	docs citations	times ranked	citing authors

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