JoÃ£o B Costa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3698765/publications.pdf

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22	886	777949 13	799663 21
papers	citations	h-index	g-index

22	22	22	1561
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioinspired Silk Fibroin-Based Composite Grafts as Bone Tunnel Fillers for Anterior Cruciate Ligament Reconstruction. Pharmaceutics, 2022, 14, 697.	2.0	9
2	Engineering bioinks for 3D bioprinting. Biofabrication, 2021, 13, 032001.	3.7	115
3	3DICE coding matrix multidirectional macro-architecture modulates cell organization, shape, and co-cultures endothelization network. Biomaterials, 2021, 277, 121112.	5.7	2
4	Carbon nanotube-reinforced cell-derived matrix-silk fibroin hierarchical scaffolds for bone tissue engineering applications. Journal of Materials Chemistry B, 2021, 9, 9561-9574.	2.9	13
5	3D Bioprinted Highly Elastic Hybrid Constructs for Advanced Fibrocartilaginous Tissue Regeneration. Chemistry of Materials, 2020, 32, 8733-8746.	3.2	40
6	Indirect printing of hierarchical patient-specific scaffolds for meniscus tissue engineering. Bio-Design and Manufacturing, 2019, 2, 225-241.	3.9	8
7	Enhanced performance of chitosan/keratin membranes with potential application in peripheral nerve repair. Biomaterials Science, 2019, 7, 5451-5466.	2.6	33
8	Enhanced biocatalytic sustainability of laccase by immobilization on functionalized carbon nanotubes/polysulfone membranes. Chemical Engineering Journal, 2019, 355, 974-985.	6.6	124
9	Enzymatically Cross-Linked Silk Fibroin-Based Hierarchical Scaffolds for Osteochondral Regeneration. ACS Applied Materials & Interfaces, 2019, 11, 3781-3799.	4.0	83
10	Engineering patient-specific bioprinted constructs for treatment of degenerated intervertebral disc. Materials Today Communications, 2019, 19, 506-512.	0.9	36
11	Biopolymers and polymers in the search of alternative treatments for meniscal regeneration: State of the art and future trends. Applied Materials Today, 2018, 12, 51-71.	2.3	76
12	Combinatory approach for developing silk fibroin scaffolds for cartilage regeneration. Acta Biomaterialia, 2018, 72, 167-181.	4.1	93
13	Differentiation of osteoclast precursors on gellan gum-based spongy-like hydrogels for bone tissue engineering. Biomedical Materials (Bristol), 2018, 13, 035012.	1.7	18
14	Making data matter: Voxel printing for the digital fabrication of data across scales and domains. Science Advances, 2018, 4, eaas8652.	4.7	78
15	Current advances in solid free-form techniques for osteochondral tissue engineering. Bio-Design and Manufacturing, 2018, 1, 171-181.	3.9	5
16	Tunable Enzymatically Crossâ€Linked Silk Fibroin Tubular Conduits for Guided Tissue Regeneration. Advanced Healthcare Materials, 2018, 7, e1800186.	3.9	32
17	Recent advances on 3D printing of patient-specific implants for fibrocartilage tissue regeneration. Journal of 3D Printing in Medicine, 2018, 2, 129-140.	1.0	6
18	Tissue engineering in orthopaedic sports medicine: current concepts. Journal of ISAKOS, 2017, 2, 60-66.	1.1	6

#	Article	IF	Citations
19	Fast Setting Silk Fibroin Bioink for Bioprinting of Patientâ€Specific Memoryâ€Shape Implants. Advanced Healthcare Materials, 2017, 6, 1701021.	3.9	74
20	Biomaterials in Meniscus Tissue Engineering. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2017, , 249-270.	0.7	5
21	A strategy for improving peroxidase stability via immobilization on surface modified multi-walled carbon nanotubes. Journal of Chemical Technology and Biotechnology, 2015, 90, 1570-1578.	1.6	29
22	Deep learning in bioengineering and biofabrication: a powerful technology boosting translation from research to clinics. Journal of 3D Printing in Medicine, 0, , .	1.0	1