

Zhuo Xiong

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

927
citations

949033

11
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1051228

16
g-index

18
all docs

18
docs citations

18
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances on bioengineering approaches for fabrication of functional engineered cardiac pumps: A review. <i>Biomaterials</i> , 2022, 280, 121298.	5.7	26
2	Advances in 3D Bioprinting. , 2022, 1, 100011.		12
3	3D Bioprinted GelMA@Nanoclay Hydrogels Induce Colorectal Cancer Stem Cells Through Activating Wnt/ β -Catenin Signaling. <i>Small</i> , 2022, 18, e2200364.	5.2	15
4	3D Printing of Cell-Laden Microgel-Based Biphasic Bioink with Heterogeneous Microenvironment for Biomedical Applications. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	43
5	Advances in digital light processing of hydrogels. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 042002.	1.7	14
6	3D Bioprinted GelMA@Nanoclay Hydrogels Induce Colorectal Cancer Stem Cells Through Activating Wnt/ β -Catenin Signaling (Small 18/2022). <i>Small</i> , 2022, 18, .	5.2	0
7	Rapid Fabrication of Cell-Laden Microfibers for Construction of Aligned Biomimetic Tissue. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 610249.	2.0	5
8	Multilayered Scaffold with a Compact Interfacial Layer Enhances Osteochondral Defect Repair. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20296-20305.	4.0	49
9	In Vivo Evaluation of a Novel Oriented Scaffold-BMSC Construct for Enhancing Full-Thickness Articular Cartilage Repair in a Rabbit Model. <i>PLoS ONE</i> , 2015, 10, e0145667.	1.1	36
10	Fabrication of Biomimetic Scaffolds with Oriented Porous Morphology for Cardiac Tissue Engineering. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014, 4, 1030-1039.	0.0	11
11	Channelled scaffolds for engineering myocardium with mechanical stimulation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 748-756.	1.3	43
12	Intervertebral Spinal Fusion Using a RP-based PLGA/TCP/bBMP Biomimetic Grafting Material. <i>Journal of Bioactive and Compatible Polymers</i> , 2009, 24, 146-157.	0.8	20
13	Rapid prototyping and manufacturing technology: Principle, representative technics, applications, and development trends. <i>Tsinghua Science and Technology</i> , 2009, 14, 1-12.	4.1	102
14	Direct Fabrication of a Hybrid Cell/Hydrogel Construct by a Double-nozzle Assembling Technology. <i>Journal of Bioactive and Compatible Polymers</i> , 2009, 24, 249-265.	0.8	144
15	Construct hepatic analog by cell-matrix controlled assembly technology. <i>Science Bulletin</i> , 2006, 51, 1830-1835.	1.7	11
16	Fabrication of viable tissue-engineered constructs with 3D cell-assembly technique. <i>Biomaterials</i> , 2005, 26, 5864-5871.	5.7	265
17	Preliminary results of direct cell-matrix assembly technology. <i>Science Bulletin</i> , 2005, 50, 830-832.	1.7	3
18	Direct Construction of a Three-dimensional Structure with Cells and Hydrogel. <i>Journal of Bioactive and Compatible Polymers</i> , 2005, 20, 259-269.	0.8	128