

Sung Yun Hann

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

883
citations

623188

14
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	4D physiologically adaptable cardiac patch: A 4-month in vivo study for the treatment of myocardial infarction. <i>Science Advances</i> , 2020, 6, eabb5067.	4.7	118
2	Recent advances in 3D printing: vascular network for tissue and organ regeneration. <i>Translational Research</i> , 2019, 211, 46-63.	2.2	92
3	A novel near-infrared light responsive 4D printed nanoarchitecture with dynamically and remotely controllable transformation. <i>Nano Research</i> , 2019, 12, 1381-1388.	5.8	82
4	4D Printed Cardiac Construct with Aligned Myofibers and Adjustable Curvature for Myocardial Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12746-12758.	4.0	82
5	4D printing soft robotics for biomedical applications. <i>Additive Manufacturing</i> , 2020, 36, 101567.	1.7	73
6	3D Bioprinting-Tunable Small-Diameter Blood Vessels with Biomimetic Biphasic Cell Layers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45904-45915.	4.0	70
7	4D printing in biomedical applications: emerging trends and technologies. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7608-7632.	2.9	65
8	Three-Dimensional Printing Biologically Inspired DNA-Based Gradient Scaffolds for Cartilage Tissue Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33219-33228.	4.0	57
9	Dual 3D printing for vascularized bone tissue regeneration. <i>Acta Biomaterialia</i> , 2021, 123, 263-274.	4.1	53
10	4D Self-Morphing Culture Substrate for Modulating Cell Differentiation. <i>Advanced Science</i> , 2020, 7, 1902403.	5.6	46
11	Engineering a Novel 3D Printed Vascularized Tissue Model for Investigating Breast Cancer Metastasis to Bone. <i>Advanced Healthcare Materials</i> , 2020, 9, e1900924.	3.9	45
12	Recent advances in bioprinting technologies for engineering cardiac tissue. <i>Materials Science and Engineering C</i> , 2021, 124, 112057.	3.8	35
13	3D printing novel in vitro cancer cell culture model systems for lung cancer stem cell study. <i>Materials Science and Engineering C</i> , 2021, 122, 111914.	3.8	32
14	Integrating cold atmospheric plasma with 3D printed bioactive nanocomposite scaffold for cartilage regeneration. <i>Materials Science and Engineering C</i> , 2020, 111, 110844.	3.8	22
15	An in vitro analysis of the effect of geometry-induced flows on endothelial cell behavior in 3D printed small-diameter blood vessels. , 2022, 137, 212832.		9
16	Programmable Culture Substrates: 4D Self-Morphing Culture Substrate for Modulating Cell Differentiation (<i>Adv. Sci.</i> 5/2020). <i>Advanced Science</i> , 2020, 7, 2070034.	5.6	2
17	Nanotechnology: A Toolkit for Cell Behavior. , 2015, , 3-32.		0