

Min-Yu Chiang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

158
citations

1307594

7
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1588992

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all docs

13
docs citations

13
times ranked

328
citing authors

#	ARTICLE	IF	CITATIONS
1	4D spatiotemporal modulation of biomolecules distribution in anisotropic corrugated microwrinkles via electrically manipulated microcapsules within hierarchical hydrogel for spinal cord regeneration. <i>Biomaterials</i> , 2021, 271, 120762.	11.4	13
2	Protein-based soft actuator with high photo-response and easy modulation for anisotropic cell alignment and proliferation in a liquid environment. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6634-6645.	5.8	9
3	A smart injectable composite hydrogel with magnetic navigation and controlled glutathione release for promoting <i>in situ</i> chondrocyte array and self-healing in damaged cartilage tissue. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9370-9382.	5.8	11
4	Cartilage Tissue-Mimetic Pellets with Multifunctional Magnetic Hyaluronic Acid-Graft-Amphiphilic Gelatin Microcapsules for Chondrogenic Stimulation. <i>Polymers</i> , 2020, 12, 785.	4.5	15
5	Gene-Embedded Nanostructural Biotic-Abiotic Optoelectrode Arrays Applied for Synchronous Brain Optogenetics and Neural Signal Recording. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11270-11282.	8.0	9
6	Using the interplay of magnetic guidance and controlled TGF- β release from protein-based nanocapsules to stimulate chondrogenesis. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3177-3188.	6.7	17
7	Direct Reprogramming of Human Suspension Cells into Mesodermal Cell Lineages via Combined Magnetic Targeting and Photothermal Stimulation by Magnetic Graphene Oxide Complexes. <i>Small</i> , 2017, 13, 1700703.	10.0	11
8	Elastin-like polypeptide-based hydrogel actuator for cardiac tissue engineering. , 2017, , .		0
9	Three-dimensional biomimetic liver tissue platform for drug testing. , 2016, , .		0
10	Constructing 3D heterogeneous hydrogels from electrically manipulated prepolymer droplets and crosslinked microgels. <i>Science Advances</i> , 2016, 2, e1600964.	10.3	70
11	Encoding and manipulating microcomponent on electromicrofluidic platform. , 2015, , .		0
12	Label-free separation and sorting of human monocytes and T-cells by electrowetting and dielectrophoresis. , 2013, , .		2
13	Electric manipulations of hydrogel on a digital microfluidic platform. , 2012, , .		1