

Shengli Mi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5106706/publications.pdf>

Version: 2024-02-01

11
papers

261
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-engineered cornea constructed with compressed collagen and laser-perforated electrospun mat. <i>Scientific Reports</i> , 2017, 7, 970.	3.3	70
2	The multifaceted nature of catechol chemistry: bioinspired pH-initiated hyaluronic acid hydrogels with tunable cohesive and adhesive properties. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6234-6244.	5.8	37
3	Flexible, wearable microfluidic contact lens with capillary networks for tear diagnostics. <i>Journal of Materials Science</i> , 2020, 55, 9551-9561.	3.7	34
4	Formation of helical alginate microfibers using different G/M ratios of sodium alginate based on microfluidics. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127069.	7.8	30
5	A Facile Strategy for Preparing Tough, Self-Healing Double-Network Hyaluronic Acid Hydrogels Inspired by Mussel Cuticles. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800715.	3.6	27
6	HMGCR inhibition stabilizes the glycolytic enzyme PKM2 to support the growth of renal cell carcinoma. <i>PLoS Biology</i> , 2021, 19, e3001197.	5.6	19
7	Stretch-driven microfluidic chip for nucleic acid detection. <i>Biotechnology and Bioengineering</i> , 2021, 118, 3559-3568.	3.3	18
8	An integrated microfluidic detection system for the automated and rapid diagnosis of high-risk human papillomavirus. <i>Analyst, The</i> , 2021, 146, 5102-5114.	3.5	15
9	PCL scaffold combined with rat tail collagen type I to reduce keratocyte differentiation and prevent corneal stroma fibrosis after injury. <i>Experimental Eye Research</i> , 2022, 217, 108936.	2.6	4
10	Long-term cultured microvascular networks on chip for tumor vascularization research and drug testing. <i>Biomicrofluidics</i> , 2022, 16, .	2.4	4
11	A methacrylated hyaluronic acid network reinforced Pluronic F-127 gel for treatment of bacterial keratitis. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 045017.	3.3	3