Shengli Mi

List of Publications by Year
in descending order

11	261	1163117 8	1281871 11
papers	citations	h-index	g-index

11	11	11	362
all docs	docs citations	times ranked	citing authors

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