Zhenya Ding

List of Publications by Year
in descending order

11	177	1163117 8	1372567 10
papers	citations	h-index	g-index

11	11	11	275
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering and Characterization of a Biomimetic Microchip for Differentiating Mouse Adipocytes in a 3D Microenvironment. Pharmaceutical Research, 2022, 39, 329-340.	3.5	0
2	Design and Development of a Three-Dimensionally Printed Microscope Mask Alignment Adapter for the Fabrication of Multilayer Microfluidic Devices. Journal of Visualized Experiments, 2021, , .	0.3	1
3	Adhesive, Self-Healing, and Antibacterial Chitosan Hydrogels with Tunable Two-Layer Structures. ACS Sustainable Chemistry and Engineering, 2020, 8, 18006-18014.	6.7	47
4	Simulation of circulating tumor cell transport and adhesion in cell suspensions in microfluidic devices. Biomicrofluidics, 2019, 13, 064105.	2.4	13
5	Microfluidic preparation, shrinkage, and surface modification of monodispersed alginate microbeads for 3D cell culture. RSC Advances, 2019, 9, 11101-11110.	3.6	12
6	Electroresponsive Homogeneous Polyelectrolyte Complex Hydrogels from Naturally Derived Polysaccharides. ACS Sustainable Chemistry and Engineering, 2018, 6, 7052-7063.	6.7	32
7	Hyperuniform flow fields resulting from hyperuniform configurations of circular disks. Physical Review E, 2018, 98, .	2.1	7
8	Effective reduction of non-specific binding of blood cells in a microfluidic chip for isolation of rare cancer cells. Biomaterials Science, 2018, 6, 2871-2880.	5.4	15
9	Enhanced capture and release of circulating tumor cells using hollow glass microspheres with a nanostructured surface. Nanoscale, 2018, 10, 16795-16804.	5.6	21
10	Cell Isolation and Recovery Using Hollow Glass Microspheres Coated with Nanolayered Films for Applications in Resource-Limited Settings. ACS Applied Materials & Interfaces, 2017, 9, 15265-15273.	8.0	16
11	A benchtop capillary flow layer-by-layer (CF-LbL) platform for rapid assembly and screening of biodegradable nanolayered films. Lab on A Chip, 2016, 16, 4601-4611.	6.0	13