

# Zhenya Ding

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4975725/publications.pdf>

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1163117

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275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adhesive, Self-Healing, and Antibacterial Chitosan Hydrogels with Tunable Two-Layer Structures. ACS Sustainable Chemistry and Engineering, 2020, 8, 18006-18014.	6.7	47
2	Electroresponsive Homogeneous Polyelectrolyte Complex Hydrogels from Naturally Derived Polysaccharides. ACS Sustainable Chemistry and Engineering, 2018, 6, 7052-7063.	6.7	32
3	Enhanced capture and release of circulating tumor cells using hollow glass microspheres with a nanostructured surface. Nanoscale, 2018, 10, 16795-16804.	5.6	21
4	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
5	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
6	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
7	Simulation of circulating tumor cell transport and adhesion in cell suspensions in microfluidic devices. Biomicrofluidics, 2019, 13, 064105.	2.4	13
8	Microfluidic preparation, shrinkage, and surface modification of monodispersed alginate microbeads for 3D cell culture. RSC Advances, 2019, 9, 11101-11110.	3.6	12
9	Hyperuniform flow fields resulting from hyperuniform configurations of circular disks. Physical Review E, 2018, 98, .	2.1	7
10	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
11	Engineering and Characterization of a Biomimetic Microchip for Differentiating Mouse Adipocytes in a 3D Microenvironment. Pharmaceutical Research, 2022, 39, 329-340.	3.5	0