

# Zongbin Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12017187/publications.pdf>

Version: 2024-02-01

19  
papers

926  
citations

516710

16  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cascaded filter deterministic lateral displacement microchips for isolation and molecular analysis of circulating tumor cells and fusion cells. <i>Lab on A Chip</i> , 2021, 21, 2881-2891.	6.0	32
2	Integrated Microfluidic Chip for Efficient Isolation and Deformability Analysis of Circulating Tumor Cells. <i>Advanced Biology</i> , 2018, 2, 1800200.	3.0	21
3	Cas9 Ribonucleoprotein Delivery via Microfluidic Cell Deformation Chip for Human Cell Genome Editing and Immunotherapy. <i>Advanced Biology</i> , 2017, 1, e1600007.	3.0	36
4	Highly efficient genome editing of human hematopoietic stem cells via a nano-silicon-blade delivery approach. <i>Integrative Biology (United Kingdom)</i> , 2017, 9, 548-554.	1.3	23
5	Integrated Microfluidic System for Gene Silencing and Cell Migration. <i>Advanced Biology</i> , 2017, 1, 1700054.	3.0	13
6	Microfluidic Mapping of Cancer Cell-Protein Binding Interaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 22143-22148.	8.0	6
7	Microfluidic Cell Deformability Assay for Rapid and Efficient Kinase Screening with the CRISPR-Cas9 System. <i>Angewandte Chemie</i> , 2016, 128, 8703-8707.	2.0	6
8	Microfluidic Cell Deformability Assay for Rapid and Efficient Kinase Screening with the CRISPR-Cas9 System. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8561-8565.	13.8	26
9	Recent Progress of Microfluidics in Translational Applications. <i>Advanced Healthcare Materials</i> , 2016, 5, 871-888.	7.6	30
10	Retinal synaptic regeneration via microfluidic guiding channels. <i>Scientific Reports</i> , 2015, 5, 13591.	3.3	22
11	Microfluidic cytometric analysis of cancer cell transportability and invasiveness. <i>Scientific Reports</i> , 2015, 5, 14272.	3.3	48
12	CRISPR-Cas9 delivery to hard-to-transfect cells via membrane deformation. <i>Science Advances</i> , 2015, 1, e1500454.	10.3	190
13	Rapid isolation of cancer cells using microfluidic deterministic lateral displacement structure. <i>Biomicrofluidics</i> , 2013, 7, 11801.	2.4	180
14	High throughput capture of circulating tumor cells using an integrated microfluidic system. <i>Biosensors and Bioelectronics</i> , 2013, 47, 113-119.	10.1	90
15	Covalently immobilized biomolecule gradient on hydrogel surface using a gradient generating microfluidic device for a quantitative mesenchymal stem cell study. <i>Biomicrofluidics</i> , 2012, 6, 024111.	2.4	34
16	BSA-Modified Polyethersulfone Membrane: Preparation, Characterization and Biocompatibility. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 377-397.	3.5	58
17	Polysulfone-Activated Carbon Hybrid Particles for the Removal of BPA. <i>Separation Science and Technology</i> , 2006, 41, 515-529.	2.5	17
18	Polyethersulfone dead-end tube as a scaffold for artificial lacrimal glands in vitro. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006, 78B, 409-416.	3.4	19

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19	Molecularly imprinted polyethersulfone microspheres for the binding and recognition of bisphenol A. <i>Analytica Chimica Acta</i> , 2005, 546, 30-36.	5.4	75