Xiaoshuai Liu

List of Publications by Year
in descending order

17	567	840776 11	940533 16
papers	citations	h-index	g-index

18	18	18	648
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multifunctional manipulation of red blood cells using optical tweezers. Journal of Biophotonics, 2022, 15, e202100315.	2.3	4
2	Optically Manipulated Neutrophils as Native Microcrafts In Vivo. ACS Central Science, 2022, 8, 1017-1027.	11.3	9
3	Cell nucleus as endogenous biological micropump. Biosensors and Bioelectronics, 2021, 182, 113166.	10.1	10
4	Optical fan for singleâ€cell screening. Journal of Biophotonics, 2020, 13, e201900155.	2.3	4
5	In Vivo Optofluidic Switch for Controlling Blood Microflow. Advanced Science, 2020, 7, 2001414.	11.2	9
6	Single-cell biomagnifier for optical nanoscopes and nanotweezers. Light: Science and Applications, 2019, 8, 61.	16.6	82
7	Bidirectional Transport of Nanoparticles and Cells with a Bioâ€Conveyor Belt. Small, 2019, 15, e1905209.	10.0	14
8	Redâ€Bloodâ€Cell Waveguide as a Living Biosensor and Micromotor. Advanced Functional Materials, 2019, 29, 1905568.	14.9	50
9	Red-Blood-Cell-Based Microlens: Application to Single-Cell Membrane Imaging and Stretching. ACS Applied Bio Materials, 2019, 2, 2889-2895.	4.6	15
10	Optofluidic organization and transport of cell chain. Journal of Biophotonics, 2017, 10, 1627-1635.	2.3	14
11	Enhancing Upconversion Fluorescence with a Natural Bio-microlens. ACS Nano, 2017, 11, 10672-10680.	14.6	86
12	Rotation and deformation of human red blood cells with light from tapered fiber probes. Nanophotonics, 2017, 6, 309-316.	6.0	20
13	Trapping and Detection of Nanoparticles and Cells Using a Parallel Photonic Nanojet Array. ACS Nano, 2016, 10, 5800-5808.	14.6	125
14	Non-contact intracellular binding of chloroplasts in vivo. Scientific Reports, 2015, 5, 10925.	3.3	17
15	Optical regulation of cell chain. Scientific Reports, 2015, 5, 11578.	3.3	16
16	Optically controlled circling of particles with a particle-decorated fiber probe. RSC Advances, 2014, 4, 7688-7693.	3.6	0
17	Escherichia coli-Based Biophotonic Waveguides. Nano Letters, 2013, 13, 3408-3413.	9.1	92