

Xiaoshuai Liu

List of Publications by Year in descending order

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papers

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840776

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18
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18
times ranked

648
citing authors

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