

Shih-Mo Yang

List of Publications by Year in descending order

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14
papers

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1163117

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1125743

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14
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic manipulation and patterning of microparticles and cells by using TiOPc-based optoelectronic dielectrophoresis. <i>Optics Letters</i> , 2010, 35, 1959.	3.3	88
2	Microfluidic Point-of-Care (POC) Devices in Early Diagnosis: A Review of Opportunities and Challenges. <i>Sensors</i> , 2022, 22, 1620.	3.8	65
3	Efficient Drug Screening and Nephrotoxicity Assessment on Co-culture Microfluidic Kidney Chip. <i>Scientific Reports</i> , 2020, 10, 6568.	3.3	57
4	Cell patterning via diffraction-induced optoelectronic dielectrophoresis force on an organic photoconductive chip. <i>Lab on A Chip</i> , 2013, 13, 3893.	6.0	25
5	Dielectrophoresis assisted high-throughput detection system for multiplexed immunoassays. <i>Biosensors and Bioelectronics</i> , 2021, 180, 113148.	10.1	20
6	Light-driven manipulation of picobubbles on a titanium oxide phthalocyanine-based optoelectronic chip. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	18
7	A flow-free droplet-based device for high throughput polymorphic crystallization. <i>Lab on A Chip</i> , 2015, 15, 2680-2687.	6.0	15
8	Highly accurate multiprotein detection on a digital ELISA platform. <i>Lab on A Chip</i> , 2022, 22, 3015-3024.	6.0	13
9	Concentration of Magnetic Beads Utilizing Light-Induced Electro-Osmosis Flow. <i>IEEE Transactions on Magnetics</i> , 2011, 47, 2418-2421.	2.1	7
10	Droplet-based dielectrophoresis device for on-chip nanomedicine fabrication and improved gene delivery efficiency. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 235-243.	2.2	6
11	Flow-free droplet-based platform for spiral-striated polymorphic structure of periodical crystalline agglomerates. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.	2.2	4
12	Crystallization of bovine insulin on a flow-free droplet-based platform. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
13	A step towards glucose control with a novel nanomagnetic-insulin for diabetes care. <i>International Journal of Pharmaceutics</i> , 2021, 601, 120587.	5.2	2
14	Detection of Interleukin-6 in the Serum of Uremia Patients Based on Fluorescence Image. , 2022, , .		0