

Shih-Mo Yang

List of Publications by Year in descending order

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