

Mingrui Sun

List of Publications by Year in descending order

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9
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidics Enabled Bottom-Up Engineering of 3D Vascularized Tumor for Drug Discovery. ACS Nano, 2017, 11, 6691-6702.	14.6	121
2	Continuous On-Chip Cell Separation Based on Conductivity-Induced Dielectrophoresis with 3D Self-Assembled Ionic Liquid Electrodes. Analytical Chemistry, 2016, 88, 8264-8271.	6.5	41
3	Enhanced Microwave Hyperthermia of Cancer Cells with Fullerene. Molecular Pharmaceutics, 2016, 13, 2184-2192.	4.6	35
4	Methods of Generating Dielectrophoretic Force for Microfluidic Manipulation of Bioparticles. ACS Biomaterials Science and Engineering, 2021, 7, 2043-2063.	5.2	32
5	Stiffness-Independent Highly Efficient On-Chip Extraction of Cell-Laden Hydrogel Microcapsules from Oil Emulsion into Aqueous Solution by Dielectrophoresis. Small, 2015, 11, 5369-5374.	10.0	23
6	Creating a capture zone in microfluidic flow greatly enhances the throughput and efficiency of cancer detection. Biomaterials, 2019, 197, 161-170.	11.4	20
7	Targeted Heating of Mitochondria Greatly Augments Nanoparticle-Mediated Cancer Chemotherapy. Advanced Healthcare Materials, 2020, 9, e2000181.	7.6	19
8	Label-Free On-Chip Selective Extraction of Cell-Aggregate-Laden Microcapsules from Oil into Aqueous Solution with Optical Sensor and Dielectrophoresis. ACS Sensors, 2018, 3, 410-417.	7.8	15
9	Microwave Cavity with Controllable Temperature for In Vitro Hyperthermia Investigations. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2014, 14, 267-272.	3.0	7