

Siyang Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,779
citations

933447

10
h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

2352
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives on the Functional Characterization and In Vitro Maintenance of Circulating Tumor Cells. <i>Current Cancer Research</i> , 2016, , 215-231.	0.2	1
2	Synthesis and characterization of anti-bacterial and anti-fungal citrate-based mussel-inspired bioadhesives. <i>Biomaterials</i> , 2016, 85, 204-217.	11.4	88
3	G-Fresnel smartphone spectrometer. <i>Lab on A Chip</i> , 2016, 16, 246-250.	6.0	80
4	Preparation of magnetic graphene composites with hierarchical structure for selective capture of phosphopeptides. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4711.	5.8	28
5	Clinical translation of a novel microfilter technology Capture, characterization and culture of circulating tumor cells. , 2013, , .		1
6	Predicting therapy response in live tumor cells isolated with the flexible micro spring array device. <i>Cell Cycle</i> , 2013, 12, 2132-2143.	2.6	23
7	Advanced Needle Coatings for Improved Lumbar Drain Procedure. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2013, 7, .	0.7	3
8	Z-microscopy for parallel axial imaging with micro mirror array. <i>Applied Physics Letters</i> , 2012, 101, 231111.	3.3	5
9	3D microfilter device for viable circulating tumor cell (CTC) enrichment from blood. <i>Biomedical Microdevices</i> , 2011, 13, 203-213.	2.8	394
10	Portable Filter-Based Microdevice for Detection and Characterization of Circulating Tumor Cells. <i>Clinical Cancer Research</i> , 2010, 16, 5011-5018.	7.0	424
11	A study of the autofluorescence of parylene materials for μ TAS applications. <i>Lab on A Chip</i> , 2010, 10, 1826.	6.0	59
12	Parylene membrane slot filter for the capture, analysis and culture of viable circulating tumor cells. , 2010, , .		16
13	Microfluidic device for studying tumor cell extravasation in cancer metastasis. , 2010, , .		2
14	Parylene background fluorescence study for biomems applications. , 2009, , .		1
15	Micro coulter counters with platinum black electroplated electrodes for human blood cell sensing. <i>Biomedical Microdevices</i> , 2008, 10, 221-231.	2.8	61
16	Streamline-Based Microfluidic Devices for Erythrocytes and Leukocytes Separation. <i>Journal of Microelectromechanical Systems</i> , 2008, 17, 1029-1038.	2.5	43
17	Resonance Induced Impedance Sensing of Human Blood Cells. , 2007, , .		0
18	Fluorescent Labeling, Sensing and Differentiation of Leukocytes from Undiluted Whole Blood Samples. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
19	Membrane microfilter device for selective capture, electrolysis and genomic analysis of human circulating tumor cells. Journal of Chromatography A, 2007, 1162, 154-161.	3.7	547
20	A Resonance-Induced Sensitivity Enhancement Method for Conductivity Sensors. , 2006, , .		3
21	Nano-to-micro self-assembly using shear flow devices. , 0, , .		0