

Yanjuan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

104
citations

1307366

7
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectrophoretic separation of microalgae cells in ballast water in a microfluidic chip. <i>Electrophoresis</i> , 2019, 40, 969-978.	1.3	24
2	A New Microfluidic Device for Classification of Microalgae Cells Based on Simultaneous Analysis of Chlorophyll Fluorescence, Side Light Scattering, Resistance Pulse Sensing. <i>Micromachines</i> , 2016, 7, 198.	1.4	16
3	Serial Separation of Microalgae in a Microfluidic Chip Under Inertial and Dielectrophoretic Forces. <i>IEEE Sensors Journal</i> , 2020, 20, 14607-14616.	2.4	14
4	Detection of non-small cell lung cancer cells based on microfluidic polarization microscopic image analysis. <i>Electrophoresis</i> , 2019, 40, 1202-1211.	1.3	12
5	An integrated microfluidic chip for treatment and detection of microalgae cells. <i>Algal Research</i> , 2019, 42, 101593.	2.4	9
6	A Changeable Lab-on-a-Chip Detector for Marine Nonindigenous Microorganisms in Ship's Ballast Water. <i>Micromachines</i> , 2018, 9, 20.	1.4	8
7	A Microfluidic Prototype System towards Microalgae Cell Separation, Treatment and Viability Characterization. <i>Sensors</i> , 2019, 19, 4940.	2.1	8
8	The automatic and high-throughput purification and enrichment of microalgae cells using deterministic lateral displacement arrays with different post shapes. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 2228-2237.	1.6	6
9	A Two-Stage Separation of Circulating Tumor Cells Based on Deterministic Lateral Displacement and Dielectrophoresis Techniques. <i>IEEE Access</i> , 2021, 9, 143847-143859.	2.6	5
10	Simultaneous Detection of Viability and Concentration of Microalgae Cells Based on Chlorophyll Fluorescence and Bright Field Dual Imaging. <i>Micromachines</i> , 2021, 12, 896.	1.4	2