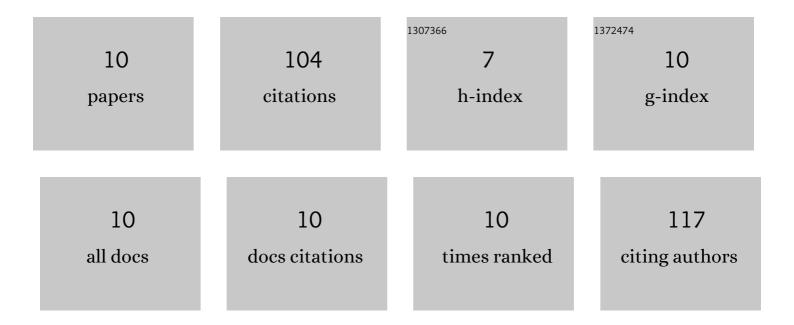
## Yanjuan Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7569980/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Dielectrophoretic separation of microalgae cells in ballast water in a microfluidic chip. Electrophoresis, 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. Micromachines, 2016, 7, 198.	1.4	16
3	Serial Separation of Microalgae in a Microfluidic Chip Under Inertial and Dielectrophoretic Forces. IEEE Sensors Journal, 2020, 20, 14607-14616.	2.4	14
4	Detection of nonâ€small cell lung cancer cells based on microfluidic polarization microscopic image analysis. Electrophoresis, 2019, 40, 1202-1211.	1.3	12
5	An integrated microfluidic chip for treatment and detection of microalgae cells. Algal Research, 2019, 42, 101593.	2.4	9
6	A Changeable Lab-on-a-Chip Detector for Marine Nonindigenous Microorganisms in Ship's Ballast Water. Micromachines, 2018, 9, 20.	1.4	8
7	A Microfluidic Prototype System towards Microalgae Cell Separation, Treatment and Viability Characterization. Sensors, 2019, 19, 4940.	2.1	8
8	The automatic and highâ€ŧhroughput purification and enrichment of microalgae cells using deterministic lateral displacement arrays with different post shapes. Journal of Chemical Technology and Biotechnology, 2021, 96, 2228-2237.	1.6	6
9	A Two-Stage Separation of Circulating Tumor Cells Based on Deterministic Lateral Displacement and Dielectrophoresis Techniques. IEEE Access, 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. Micromachines, 2021, 12, 896.	1.4	2