

Azita Fazelkhah

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

88
citations

1478505

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1720034

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g-index

9
all docs

9
docs citations

9
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Model for Ion Transport and Cytoplasm Conductivity of Chinese Hamster Ovary Cells. Scientific Reports, 2018, 8, 17818.	3.3	19
2	Progression of change in membrane capacitance and cytoplasm conductivity of cells during controlled starvation using dual-frequency DEP cytometry. Analytica Chimica Acta, 2019, 1059, 59-67.	5.4	16
3	Dielectric Properties of Single Cells Subjected to Heat Shock Using DEP Cytometry. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 5933-5940.	4.6	13
4	Single cell dielectrophoresis study of apoptosis progression induced by controlled starvation. Bioelectrochemistry, 2018, 124, 73-79.	4.6	13
5	Cytoplasmic conductivity as a marker for bioprocess monitoring: Study of Chinese hamster ovary cells under nutrient deprivation and reintroduction. Biotechnology and Bioengineering, 2019, 116, 2896-2905.	3.3	7
6	Parallel single-cell optical transit dielectrophoresis cytometer. Electrophoresis, 2020, 41, 720-728.	2.4	6
7	Full Beta-Dispersion Region Dielectric Spectra and Dielectric Models of Viable and Non-Viable CHO Cells. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2021, 5, 70-77.	3.4	6
8	Change in the dielectric response of single cells induced by nutrient deprivation over a wide frequency range. , 2017, , .		5
9	In-Flow Dielectrophoresis Sensor for Measuring the Dielectric Spectrum of Single Cells: Viable and Non-viable Cells. , 2019, , .		3