

CITATION REPORT

List of articles citing

High frequency dielectrophoretic response of microalgae over time

DOI: 10.1002/elps.201400306
Electrophoresis, 2014, 35, 3533-40.

Source: <https://exaly.com/paper-pdf/57774537/citation-report.pdf>

Version: 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
18	Liposomes as a model for the study of high frequency dielectrophoresis. <i>Electrophoresis</i> , 2015 , 36, 1423-36	3.6	4
17	Applications of microfluidics in microalgae biotechnology: A review. <i>Biotechnology Journal</i> , 2016 , 11, 327-35	5.6	32
16	UHF dielectrophoretic handling of individual biological cells using BiCMOS microfluidic RF-sensors. 2016 ,		4
15	Dielectrophoretic Studies of Bioparticles. 2017 , 309-379		1
14	2D dielectrophoretic signature of <i>Coscinodiscus wailesii</i> algae in non-uniform electric fields. <i>Algal Research</i> , 2017 , 27, 109-114	5	7
13	Measurement of Dielectric Properties of Microalgae with Different Lipid Content Using Electrorotation and Negative Dielectrophoresis Cell Trap. 2019 ,		2
12	Microfluidic techniques for enhancing biofuel and biorefinery industry based on microalgae. <i>Biotechnology for Biofuels</i> , 2019 , 12, 33	7.8	26
11	Digital quantification and selection of high-lipid-producing microalgae through a lateral dielectrophoresis-based microfluidic platform. <i>Lab on A Chip</i> , 2019 , 19, 4128-4138	7.2	16
10	Dielectrophoretic separation of microalgae cells in ballast water in a microfluidic chip. <i>Electrophoresis</i> , 2019 , 40, 969-978	3.6	14
9	Scaling law analysis of electrohydrodynamics and dielectrophoresis for isomotive dielectrophoresis microfluidic devices. <i>Electrophoresis</i> , 2020 , 41, 148-155	3.6	5
8	Electrorotation of single microalgae cells during lipid accumulation for assessing cellular dielectric properties and total lipid contents. <i>Biosensors and Bioelectronics</i> , 2020 , 173, 112772	11.8	1
7	Electrical characterization of phytoplankton suspensions using impedance spectroscopy. <i>Journal of Applied Phycology</i> , 2021 , 33, 1643-1650	3.2	
6	AC electrokinetic isolation and detection of extracellular vesicles from dental pulp stem cells: Theoretical simulation incorporating fluid mechanics. <i>Electrophoresis</i> , 2021 , 42, 2018-2026	3.6	0
5	The Fusion of Microfluidics and Optics for On-Chip Detection and Characterization of Microalgae. <i>Micromachines</i> , 2021 , 12,	3.3	3
4	Measurement of lipid accumulation in <i>Chlorella vulgaris</i> via flow cytometry and liquid-state ^1H NMR spectroscopy for development of an NMR-traceable flow cytometry protocol. <i>PLoS ONE</i> , 2015 , 10, e0134846	2.7	10
3	Continuous-flow sorting of microalgae cells based on lipid content by high frequency dielectrophoresis. <i>AIMS Biophysics</i> , 2016 , 3, 398-414	0.8	17
2	Potential neuroprotective effect of stem cells from apical papilla derived extracellular vesicles enriched by lab-on-chip approach during retinal degeneration. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79,	10.3	

- 1 Measurement of dielectric properties of cells at single-cell resolution using electrorotation. *Biomedical Microdevices*, **2022**, 24, 3-7 1