Daniel Spencer

List of Publications by Year
in descending order

13	564	840776 11	1125743 13
papers	citations	h-index	g-index

13	13	13	701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-Speed Single-Cell Dielectric Spectroscopy. ACS Sensors, 2020, 5, 423-430.	7.8	79
2	Positional dependence of particles in microfludic impedance cytometry. Lab on A Chip, 2011, 11, 1234.	6.0	70
3	High accuracy particle analysis using sheathless microfluidic impedance cytometry. Lab on A Chip, 2016, 16, 2467-2473.	6.0	67
4	Microfluidic impedance cytometry of tumour cells in blood. Biomicrofluidics, 2014, 8, 064124.	2.4	59
5	A sheath-less combined optical and impedance micro-cytometer. Lab on A Chip, 2014, 14, 3064-3073.	6.0	53
6	Simultaneous high speed optical and impedance analysis of single particles with a microfluidic cytometer. Lab on A Chip, 2012, 12, 118-126.	6.0	49
7	Label-free enrichment of primary human skeletal progenitor cells using deterministic lateral displacement. Lab on A Chip, 2019, 19, 513-523.	6.0	45
8	Mechanical phenotyping of primary human skeletal stem cells in heterogeneous populations by real-time deformability cytometry. Integrative Biology (United Kingdom), 2016, 8, 616-623.	1.3	42
9	Comparison of Venous and Capillary Differential Leukocyte Counts Using a Standard Hematology Analyzer and a Novel Microfluidic Impedance Cytometer. PLoS ONE, 2012, 7, e43702.	2.5	32
10	Deciphering impedance cytometry signals with neural networks. Lab on A Chip, 2022, 22, 1714-1722.	6.0	32
11	Size and dielectric properties of skeletal stem cells change critically after enrichment and expansion from human bone marrow: consequences for microfluidic cell sorting. Journal of the Royal Society Interface, 2017, 14, 20170233.	3.4	27
12	A capaciflector provides continuous and accurate respiratory rate monitoring for patients at rest and during exercise. Journal of Clinical Monitoring and Computing, 2022, 36, 1535-1546.	1.6	5
13	Microfluidic Impedance Cytometry for Blood Cell Analysis. RSC Nanoscience and Nanotechnology, 2014, , 213-241.	0.2	4