

Daniel Spencer

List of Publications by Year in descending order

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13
papers

564
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

701
citing authors

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