Darius G Rackus

List of Publications by Year
in descending order

13	712	687363 13	1125743 13
papers	citations	h-index	g-index

13	13	13	1174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemistry, biosensors and microfluidics: a convergence of fields. Chemical Society Reviews, 2015, 44, 5320-5340.	38.1	279
2	A digital microfluidic system for serological immunoassays in remote settings. Science Translational Medicine, 2018, 10, .	12.4	117
3	A digital microfluidic device with integrated nanostructured microelectrodes for electrochemical immunoassays. Lab on A Chip, 2015, 15, 3776-3784.	6.0	58
4	Integrated Digital Microfluidic Platform for Voltammetric Analysis. Analytical Chemistry, 2013, 85, 8809-8816.	6.5	48
5	â€œPlug-n-Playâ€•Sensing with Digital Microfluidics. Analytical Chemistry, 2019, 91, 2506-2515.	6.5	35
6	Digital Microfluidics for Immunoprecipitation. Analytical Chemistry, 2016, 88, 10223-10230.	6.5	33
7	Pre-concentration by liquid intake by paper (P-CLIP): a new technique for large volumes and digital microfluidics. Lab on A Chip, 2017, 17, 2272-2280.	6.0	27
8	Field validation of the performance of paper-based tests for the detection of the Zika and chikungunya viruses in serum samples. Nature Biomedical Engineering, 2022, 6, 246-256.	22.5	27
9	Liposome-doped hydrogel for implantable tissue. Soft Matter, 2011, 7, 7071.	2.7	23
10	â€œLearning on a chip:â€•Microfluidics for formal and informal science education. Biomicrofluidics, 2019, 13, 041501.	2.4	20
11	The Chemistry Teaching Fellowship Program: Developing Curricula and Graduate Student Professionalism. Journal of Chemical Education, 2017, 94, 439-444.	2.3	15
12	Real-Time Respiration Changes as a Viability Indicator for Rapid Antibiotic Susceptibility Testing in a Microfluidic Chamber Array. ACS Sensors, 2021, 6, 2202-2210.	7.8	15
13	Portable sample processing for molecular assays: application to Zika virus diagnostics. Lab on A Chip, 2022, 22, 1748-1763.	6.0	15