

Darius G Rackus

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

712
citations

687363

13
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1174
citing authors

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