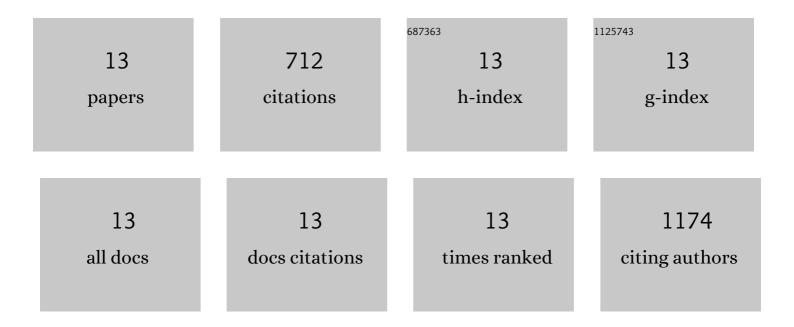
Darius G Rackus

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1647280/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Portable sample processing for molecular assays: application to Zika virus diagnostics. Lab on A Chip, 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. Nature Biomedical Engineering, 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. ACS Sensors, 2021, 6, 2202-2210.	7.8	15
4	"Learning on a chip:―Microfluidics for formal and informal science education. Biomicrofluidics, 2019, 13, 041501.	2.4	20
5	"Plug-n-Play―Sensing with Digital Microfluidics. Analytical Chemistry, 2019, 91, 2506-2515.	6.5	35
6	A digital microfluidic system for serological immunoassays in remote settings. Science Translational Medicine, 2018, 10, .	12.4	117
7	The Chemistry Teaching Fellowship Program: Developing Curricula and Graduate Student Professionalism. Journal of Chemical Education, 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. Lab on A Chip, 2017, 17, 2272-2280.	6.0	27
9	Digital Microfluidics for Immunoprecipitation. Analytical Chemistry, 2016, 88, 10223-10230.	6.5	33
10	A digital microfluidic device with integrated nanostructured microelectrodes for electrochemical immunoassays. Lab on A Chip, 2015, 15, 3776-3784.	6.0	58
11	Electrochemistry, biosensors and microfluidics: a convergence of fields. Chemical Society Reviews, 2015, 44, 5320-5340.	38.1	279
12	Integrated Digital Microfluidic Platform for Voltammetric Analysis. Analytical Chemistry, 2013, 85, 8809-8816.	6.5	48
13	Liposome-doped hydrogel for implantable tissue. Soft Matter, 2011, 7, 7071.	2.7	23