

Ole Behrmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6150510/publications.pdf>

Version: 2024-02-01

12
papers

303
citations

1163117

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1281871

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13
docs citations

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529
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Detection of SARS-CoV-2 by Low Volume Real-Time Single Tube Reverse Transcription Recombinase Polymerase Amplification Using an Exo Probe with an Internally Linked Quencher (Exo-IQ). <i>Clinical Chemistry</i> , 2020, 66, 1047-1054.	3.2	99
2	Suitcase Lab for Rapid Detection of SARS-CoV-2 Based on Recombinase Polymerase Amplification Assay. <i>Analytical Chemistry</i> , 2021, 93, 2627-2634.	6.5	78
3	Dynamic thermal sensor for biofilm monitoring. <i>Sensors and Actuators A: Physical</i> , 2014, 213, 43-51.	4.1	32
4	Direct DNA and RNA detection from large volumes of whole human blood. <i>Scientific Reports</i> , 2018, 8, 3410.	3.3	27
5	A lab-on-a-chip for free-flow electrophoretic preconcentration of viruses and gel electrophoretic DNA extraction. <i>Analyst, The</i> , 2020, 145, 2554-2561.	3.5	13
6	A lab-on-a-chip for preconcentration of bacteria and nucleic acid extraction. <i>RSC Advances</i> , 2018, 8, 20124-20130.	3.6	12
7	A lab-on-a-chip for rapid miRNA extraction. <i>PLoS ONE</i> , 2019, 14, e0226571.	2.5	11
8	PowderMEMS – A Generic Microfabrication Technology for Integrated Three-Dimensional Functional Microstructures. <i>Micromachines</i> , 2022, 13, 398.	2.9	10
9	Capacity of rTth polymerase to detect RNA in the presence of various inhibitors. <i>PLoS ONE</i> , 2018, 13, e0190041.	2.5	8
10	Modular development of an inline monitoring system for waterborne pathogens in raw and drinking water. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	7
11	3D Printed Monolithic Microreactors for Real-Time Detection of <i>Klebsiella pneumoniae</i> and the Resistance Gene blaNDM-1 by Recombinase Polymerase Amplification. <i>Micromachines</i> , 2020, 11, 595.	2.9	6
12	In-Situ Electrophoretic Mobility Determination by Particle Image Velocimetry for Efficient Microfluidic Enrichment of Bacteria. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	0