

Annalisa De Pastina

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

115
citations

1478505

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1281871

11
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all docs

15
docs citations

15
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative epitope analysis reveals drastic 63% reduced immuno-affinity and 60% enhanced transmissibility for SARS-CoV-2 variants. <i>Nanoscale Advances</i> , 2021, 3, 6903-6911.	4.6	2
2	Avoiding transduction-induced heating in suspended microchannel resonators using piezoelectricity. <i>Microsystems and Nanoengineering</i> , 2021, 7, 34.	7.0	11
3	Rapid Label-free Nanotechnological Immunoassay for Analysis of Candidate Malaria Vaccines. <i>Applied Cell Biology</i> , 2021, 9, .	0.1	2
4	Multimodal real-time frequency tracking of cantilever arrays in liquid environment for biodetection: Comprehensive setup and performance analysis. <i>Review of Scientific Instruments</i> , 2021, 92, 065001.	1.3	8
5	Nanotechnological immunoassay for rapid label-free analysis of candidate malaria vaccines. <i>Nanoscale</i> , 2021, 13, 2338-2349.	5.6	11
6	Mechanics for Fluidics and Bio-Devices. <i>Microtechnology and MEMS</i> , 2020, , 139-196.	0.2	0
7	Fabrication of clamped-clamped beam resonators with embedded fluidic nanochannel. <i>Microelectronic Engineering</i> , 2020, 231, 111395.	2.4	3
8	Suspended micro/nano channel resonators: a review. <i>Journal of Micromechanics and Microengineering</i> , 2020, 30, 043001.	2.6	28
9	Engineered acoustic mismatch for anchor loss control in contour mode resonators. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	10
10	Modular interface and experimental setup for in-vacuum operation of microfluidic devices. <i>Review of Scientific Instruments</i> , 2019, 90, 045006.	1.3	5
11	Effect of AlN seed layer on crystallographic characterization of piezoelectric AlN. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, .	2.1	7
12	Fabrication of suspended microchannel resonators with integrated piezoelectric transduction. <i>Microelectronic Engineering</i> , 2018, 192, 83-87.	2.4	27
13	Piezoelectric nanoelectromechanical systems. , 2017, , .		0
14	Release area confinement in Contour mode resonators. , 2017, , .		1
15	Release area confinement in contour mode resonators. , 2017, , .		0