# Annalisa De Pastina

List of Publications by Year
in descending order



| 15 | 115 | 1478505 6 | 1281871 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 15 | 15 | 15 | 113 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

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