

Antonia Silvestri

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Silicon Carbide-Gated Nanofluidic Membrane for Active Control of Electrokinetic Ionic Transport. <i>Membranes</i> , 2021, 11, 535. | 1.4 | 5 |
| 2 | Silicon Nanofluidic Membrane for Electrostatic Control of Drugs and Analytes Elution. <i>Pharmaceutics</i> , 2020, 12, 679. | 2.0 | 14 |
| 3 | Electrostatically gated nanofluidic membrane for ultra-low power controlled drug delivery. <i>Lab on A Chip</i> , 2020, 20, 1562-1576. | 3.1 | 37 |
| 4 | Remotely controlled nanofluidic implantable platform for tunable drug delivery. <i>Lab on A Chip</i> , 2019, 19, 2192-2204. | 3.1 | 36 |
| 5 | Multisensor-integrated organs-on-chips platform for automated and continual in situ monitoring of organoid behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2293-E2302. | 3.3 | 570 |
| 6 | Label-Free and Regenerative Electrochemical Microfluidic Biosensors for Continual Monitoring of Cell Secretomes. <i>Advanced Science</i> , 2017, 4, 1600522. | 5.6 | 131 |
| 7 | Biosensors: Label-Free and Regenerative Electrochemical Microfluidic Biosensors for Continual Monitoring of Cell Secretomes (<i>Adv. Sci.</i> 5/2017). <i>Advanced Science</i> , 2017, 4, . | 5.6 | 3 |
| 8 | Aptamer-Based Microfluidic Electrochemical Biosensor for Monitoring Cell-Secreted Trace Cardiac Biomarkers. <i>Analytical Chemistry</i> , 2016, 88, 10019-10027. | 3.2 | 181 |