

# Antonia Silvestri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/952429/publications.pdf>

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1743  
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#	ARTICLE	IF	CITATIONS
1	Multisensor-integrated organs-on-chips platform for automated and continual in situ monitoring of organoid behaviors. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2293-E2302.	3.3	570
2	Aptamer-Based Microfluidic Electrochemical Biosensor for Monitoring Cell-Secreted Trace Cardiac Biomarkers. Analytical Chemistry, 2016, 88, 10019-10027.	3.2	181
3	Label-Free and Regenerative Electrochemical Microfluidic Biosensors for Continual Monitoring of Cell Secretomes. Advanced Science, 2017, 4, 1600522.	5.6	131
4	Electrostatically gated nanofluidic membrane for ultra-low power controlled drug delivery. Lab on A Chip, 2020, 20, 1562-1576.	3.1	37
5	Remotely controlled nanofluidic implantable platform for tunable drug delivery. Lab on A Chip, 2019, 19, 2192-2204.	3.1	36
6	Silicon Nanofluidic Membrane for Electrostatic Control of Drugs and Analytes Elution. Pharmaceutics, 2020, 12, 679.	2.0	14
7	Silicon Carbide-Gated Nanofluidic Membrane for Active Control of Electrokinetic Ionic Transport. Membranes, 2021, 11, 535.	1.4	5
8	Biosensors: Label-Free and Regenerative Electrochemical Microfluidic Biosensors for Continual Monitoring of Cell Secretomes (Adv. Sci. 5/2017). Advanced Science, 2017, 4, .	5.6	3