

# Giulia Petrucci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8060949/publications.pdf>

Version: 2024-02-01

12  
papers

117  
citations

2258059

3  
h-index

1720034

7  
g-index

12  
all docs

12  
docs citations

12  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer-based sandwich assay for on chip detection of Ochratoxin A by an array of amorphous silicon photosensors. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 31-39.	7.8	48
2	Lab-on-chip system combining a microfluidic-ELISA with an array of amorphous silicon photosensors for the detection of celiac disease epitopes. <i>Sensing and Bio-Sensing Research</i> , 2015, 6, 51-58.	4.2	33
3	Thermal control system based on thin film heaters and amorphous silicon diodes. , 2015, , .		11
4	Integrated Sensor System for DNA Amplification and Separation Based on Thin Film Technology. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018, 8, 1141-1148.	2.5	11
5	Thermal characterization of thin film heater for lab-on-chip application. , 2015, , .		4
6	Thermally actuated microfluidic system for lab on chip applications. , 2015, , .		3
7	Integration of Capillary and EWOD Technologies for Autonomous and Low-power Consumption Micro-analytical Systems. <i>Procedia Engineering</i> , 2016, 168, 1370-1373.	1.2	3
8	Drop position sensing in digital microfluidics based on capacitance measurement. , 2015, , .		1
9	Integration of Amorphous Silicon Balanced Photodiodes and Thin Film Heaters for Biosensing Application. <i>Procedia Engineering</i> , 2016, 168, 1434-1437.	1.2	1
10	Integrated System Based on Thin Film Technologies for Cell-Based Bioluminescence Assays. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	1
11	Amorphous Silicon Temperature Sensors Integrated with Thin Film Heaters for Thermal Treatments of Biomolecules. <i>Lecture Notes in Electrical Engineering</i> , 2018, , 183-193.	0.4	1
12	Integration of electrowetting technology inside an all-glass microfluidic network. , 2017, , .		0