

Giulia Petrucci

List of Publications by Year in descending order

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