

Giorgio Gianini Morbioli

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

637
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	A miniaturized, low-cost lens tube based laser-induced fluorescence detection system for automated microfluidic analysis of primary amines. <i>Talanta</i> , 2022, 241, 123227.	5.5	6
2	An automated low-cost modular hardware and software platform for versatile programmable microfluidic device testing and development. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130538.	7.8	3
3	Characterization and evaluation of ionic liquids for use in rapidly-actuated hydraulic microvalves. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127124.	7.8	7
4	A practical guide to rapid-prototyping of PDMS-based microfluidic devices: A tutorial. <i>Analytica Chimica Acta</i> , 2020, 1135, 150-174.	5.4	43
5	Green, Low-Cost, User-Friendly, and Elastomeric (GLUE) Microfluidics. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1345-1355.	4.4	15
6	Cutting edge microfluidics: Xurography and a microwave. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 250-256.	7.8	44
7	Rapid and low-cost development of microfluidic devices using wax printing and microwave treatment. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 650-656.	7.8	29
8	How Are These Devices Manufactured?. , 2019, , 89-122.		2
9	Improving Sample Distribution Homogeneity in Three-Dimensional Microfluidic Paper-Based Analytical Devices by Rational Device Design. <i>Analytical Chemistry</i> , 2017, 89, 4786-4792.	6.5	51
10	Technical aspects and challenges of colorimetric detection with microfluidic paper-based analytical devices (µPADs) - A review. <i>Analytica Chimica Acta</i> , 2017, 970, 1-22.	5.4	303
11	Improved assessment of accuracy and performance indicators in paper-based ELISA. <i>Analytical Methods</i> , 2017, 9, 2644-2653.	2.7	13
12	Development and statistical assessment of a paper-based immunoassay for detection of tumor markers. <i>Analytica Chimica Acta</i> , 2017, 950, 156-161.	5.4	44
13	Teratogens: a public health issue – a Brazilian overview. <i>Genetics and Molecular Biology</i> , 2017, 40, 387-397.	1.3	26
14	Towards low-cost bioanalytical tools for sarcosine assays for cancer diagnostics. <i>Analytical Methods</i> , 2016, 8, 7312-7318.	2.7	33
15	Recombinant drugs-on-a-chip: The usage of capillary electrophoresis and trends in miniaturized systems – A review. <i>Analytica Chimica Acta</i> , 2016, 935, 44-57.	5.4	18