

Paulo de Tarso Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

884
citations

840119

11
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

1078
citing authors

#	ARTICLE	IF	CITATIONS
1	A handheld stamping process to fabricate microfluidic paper-based analytical devices with chemically modified surface for clinical assays. <i>RSC Advances</i> , 2014, 4, 37637-37644.	1.7	198
2	Highly sensitive colorimetric detection of glucose and uric acid in biological fluids using chitosan-modified paper microfluidic devices. <i>Analyst, The</i> , 2016, 141, 4749-4756.	1.7	153
3	Colorimetric determination of nitrite in clinical, food and environmental samples using microfluidic devices stamped in paper platforms. <i>Analytical Methods</i> , 2015, 7, 7311-7317.	1.3	132
4	Enhanced Analytical Performance of Paper Microfluidic Devices by Using Fe ₃ O ₄ Nanoparticles, MWCNT, and Graphene Oxide. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11-15.	4.0	87
5	Paper-Based Colorimetric Biosensor for Tear Glucose Measurements. <i>Micromachines</i> , 2017, 8, 104.	1.4	74
6	A new insert sample approach to paper spray mass spectrometry: a paper substrate with paraffin barriers. <i>Analyst, The</i> , 2016, 141, 1707-1713.	1.7	57
7	Versatile fabrication of paper-based microfluidic devices with high chemical resistance using scholar glue and magnetic masks. <i>Analytica Chimica Acta</i> , 2017, 974, 63-68.	2.6	51
8	Amperometric detection of salivary Î±-amylase on screen-printed carbon electrodes as a simple and inexpensive alternative for point-of-care testing. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 342-348.	4.0	47
9	Paper-based microfluidic devices on the crime scene: A simple tool for rapid estimation of post-mortem interval using vitreous humour. <i>Analytica Chimica Acta</i> , 2017, 974, 69-74.	2.6	36
10	Polyesterâ€toner electrophoresis microchips with improved analytical performance and extended lifetime. <i>Electrophoresis</i> , 2012, 33, 2660-2667.	1.3	22
11	Batch injection analysis towards auxiliary diagnosis of periodontal diseases based on indirect amperometric detection of salivary Î±-amylase on a cupric oxide electrode. <i>Analytica Chimica Acta</i> , 2018, 1041, 50-57.	2.6	14
12	Molecularly imprinted polymer as sorbent phase for disposable pipette extraction: A potential approach for creatinine analysis in human urine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 211, 114625.	1.4	7
13	EVALUATION OF DIGITAL IMAGE CAPTURE DEVICES FOR COLORIMETRIC DETECTION ON PRINTED MICROZONES. <i>Quimica Nova</i> , 2014, , .	0.3	4
14	Chemical and thermal profile of <i>Plectranthus amboinicus</i> essential oil for its application as a bioherbicide. <i>Scientia Plena</i> , 2021, 17, .	0.1	2