# Paulo de Tarso Garcia

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4636186/publications.pdf

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|---|---|---|---|
| 14 papers | 884 citations | 840776 11 h-index | 1058476 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. RSC Advances, 2014, 4, 37637-37644. | 3.6 | 198 |
| 2 | Highly sensitive colorimetric detection of glucose and uric acid in biological fluids using chitosan-modified paper microfluidic devices. Analyst, The, 2016, 141, 4749-4756. | 3.5 | 153 |
| 3 | Colorimetric determination of nitrite in clinical, food and environmental samples using microfluidic devices stamped in paper platforms. Analytical Methods, 2015, 7, 7311-7317. | 2.7 | 132 |
| 4 | Enhanced Analytical Performance of Paper Microfluidic Devices by Using Fe<sub>3</sub>O<sub>4</sub> Nanoparticles, MWCNT, and Graphene Oxide. ACS Applied Materials & Interfaces, 2016, 8, 11-15. | 8.0 | 87 |
| 5 | Paper-Based Colorimetric Biosensor for Tear Glucose Measurements. Micromachines, 2017, 8, 104. | 2.9 | 74 |
| 6 | A new insert sample approach to paper spray mass spectrometry: a paper substrate with paraffin barriers. Analyst, The, 2016, 141, 1707-1713. | 3.5 | 57 |
| 7 | Versatile fabrication of paper-based microfluidic devices with high chemical resistance using scholar glue and magnetic masks. Analytica Chimica Acta, 2017, 974, 63-68. | 5.4 | 51 |
| 8 | Amperometric detection of salivary Î±-amylase on screen-printed carbon electrodes as a simple and inexpensive alternative for point-of-care testing. Sensors and Actuators B: Chemical, 2018, 258, 342-348. | 7.8 | 47 |
| 9 | Paper-based microfluidic devices on the crime scene: A simple tool for rapid estimation of post-mortem interval using vitreous humour. Analytica Chimica Acta, 2017, 974, 69-74. | 5.4 | 36 |
| 10 | Polyesterâ€toner electrophoresis microchips with improved analytical performance and extended lifetime. Electrophoresis, 2012, 33, 2660-2667. | 2.4 | 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. Analytica Chimica Acta, 2018, 1041, 50-57. | 5.4 | 14 |
| 12 | Molecularly imprinted polymer as sorbent phase for disposable pipette extraction: A potential approach for creatinine analysis in human urine samples. Journal of Pharmaceutical and Biomedical Analysis, 2022, 211, 114625. | 2.8 | 7 |
| 13 | EVALUATION OF DIGITAL IMAGE CAPTURE DEVICES FOR COLORIMETRIC DETECTION ON PRINTED MICROZONES. Quimica Nova, 2014, , . | 0.3 | 4 |
| 14 | Chemical and thermal profile of Plectranthus amboinicus essential oil for its application as a bioherbicide. Scientia Plena, 2021, 17, . | 0.2 | 2 |