

Paper-based electroanalytical devices for accessible dia

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Proteolytic Assays on Quantum-Dot-Modified Paper Substrates Using Simple Optical Readout Platforms. <i>Analytical Chemistry</i> , 2013, 85, 8817-8825.	3.2	73
2	A multi-anode paper-based microbial fuel cell for disposable biosensors. , 2013, , .		3
3	An inkjet-printed electrowetting valve for paper-fluidic sensors. <i>Analyst, The</i> , 2013, 138, 4998.	1.7	69
4	Pencil-Drawn Dual Electrode Detectors to Discriminate Between Analytes Comigrating on Paper-Based Fluidic Devices but Undergoing Electrochemical Processes with Different Reversibility. <i>Electroanalysis</i> , 2013, 25, 2515-2522.	1.5	66
5	Progress in the development of paper-based diagnostics for low-resource point-of-care settings. <i>Bioanalysis</i> , 2013, 5, 2821-2836.	0.6	68
6	Low-Voltage Origami-Paper-Based Electrophoretic Device for Rapid Protein Separation. <i>Analytical Chemistry</i> , 2014, 86, 12390-12397.	3.2	72
7	Fabrication of disposable electrochemical devices using silver ink and office paper. <i>Analyst, The</i> , 2014, 139, 2742-2747.	1.7	83
8	Advances in paper-based point-of-care diagnostics. <i>Biosensors and Bioelectronics</i> , 2014, 54, 585-597.	5.3	826
9	Toward Integrated Molecular Diagnostic System (Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 427) on Biomedical Engineering, 2014, 61, 1506-1521.	2.5	17
10	Paper-Based Electrochemical Biosensors: From Test Strips to Paper-Based Microfluidics. <i>Electroanalysis</i> , 2014, 26, 1214-1223.	1.5	107
11	Electrochemistry in Hollow-Channel Paper Analytical Devices. <i>Journal of the American Chemical Society</i> , 2014, 136, 4616-4623.	6.6	129
12	Paper-based batteries: A review. <i>Biosensors and Bioelectronics</i> , 2014, 54, 640-649.	5.3	207
13	Folding Analytical Devices for Electrochemical ELISA in Hydrophobic R^H Paper. <i>Analytical Chemistry</i> , 2014, 86, 11999-12007.	3.2	127
14	Enhancement of Quantum Dot Förster Resonance Energy Transfer within Paper Matrices and Application to Proteolytic Assays. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2014, 20, 141-151.	1.9	5
15	Paper microfluidics for red wine tasting. <i>RSC Advances</i> , 2014, 4, 24356-24362.	1.7	40
16	Paper Electrochemical Device for Detection of DNA and Thrombin by Target-Induced Conformational Switching. <i>Analytical Chemistry</i> , 2014, 86, 6166-6170.	3.2	149
17	Pencil leads doped with electrochemically deposited Ag and AgCl for drawing reference electrodes on paper-based electrochemical devices. <i>Electrochimica Acta</i> , 2014, 146, 518-524.	2.6	52
18	A Multianode Paper-Based Microbial Fuel Cell: A Potential Power Source for Disposable Biosensors. <i>IEEE Sensors Journal</i> , 2014, 14, 3385-3390.	2.4	53

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19	Vapor-phase deposition of polymers as a simple and versatile technique to generate paper-based microfluidic platforms for bioassay applications. <i>Analyst, The</i> , 2014, 139, 2326-2331.	1.7	63
20	Universal mobile electrochemical detector designed for use in resource-limited applications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11984-11989.	3.3	248
21	Cellulose: from biocompatible to bioactive material. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4767-4788.	2.9	243
22	Paper-Based Potentiometric Ion Sensing. <i>Analytical Chemistry</i> , 2014, 86, 9548-9553.	3.2	140
23	Microfluidic paper-based devices for bioanalytical applications. <i>Bioanalysis</i> , 2014, 6, 89-106.	0.6	90
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28	Bioinspiration: something for everyone. <i>Interface Focus</i> , 2015, 5, 20150031.	1.5	88
29	Rational Design of Photonic Dust from Nanoporous Anodic Alumina Films: A Versatile Photonic Nanotool for Visual Sensing. <i>Scientific Reports</i> , 2015, 5, 12893.	1.6	31
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68	A Three-Dimensional Origami Paper-Based Device for Potentiometric Biosensing. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13033-13037.	7.2	142
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156	Peptide Functionalized Gold Nanorods for the Sensitive Detection of a Cardiac Biomarker Using Plasmonic Paper Devices. Scientific Reports, 2015, 5, .	1.6	15
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