

Fernando Cortés-Salazar

List of Publications by Year in descending order

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docs citations

33
times ranked

996
citing authors

#	ARTICLE	IF	CITATIONS
1	Conductive Gold Nanoparticle Mirrors at Liquid/Liquid Interfaces. ACS Nano, 2013, 7, 9241-9248.	14.6	128
2	Microfluidic Push-Pull Probe for Scanning Electrochemical Microscopy. Analytical Chemistry, 2011, 83, 5275-5282.	6.5	62
3	Seeing Big with Scanning Electrochemical Microscopy. Analytical Chemistry, 2011, 83, 1493-1499.	6.5	60
4	Monitoring Tyrosinase Expression in Non-metastatic and Metastatic Melanoma Tissues by Scanning Electrochemical Microscopy. Angewandte Chemie - International Edition, 2016, 55, 3813-3816.	13.8	57
5	Soft Stylus Probes for Scanning Electrochemical Microscopy. Analytical Chemistry, 2009, 81, 6889-6896.	6.5	53
6	Parallel Imaging and Template-Free Patterning of Self-Assembled Monolayers with Soft Linear Microelectrode Arrays. Angewandte Chemie - International Edition, 2012, 51, 10413-10416.	13.8	52
7	Electrochemical Push-Pull Scanner with Mass Spectrometry Detection. Analytical Chemistry, 2012, 84, 6630-6637.	6.5	50
8	Large scale inkjet-printing of carbon nanotubes electrodes for antioxidant assays in blood bags. Journal of Electroanalytical Chemistry, 2014, 717-718, 61-68.	3.8	48
9	Inkjet-printed microtiter plates for portable electrochemical immunoassays. Journal of Electroanalytical Chemistry, 2017, 786, 69-76.	3.8	45
10	Fabrication of soft gold microelectrode arrays as probes for scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2012, 666, 52-61.	3.8	44
11	Soft Microelectrode Linear Array for Scanning Electrochemical Microscopy. Analytical Chemistry, 2010, 82, 10037-10044.	6.5	43
12	Inkjet Printed Nanohydrogel Coated Carbon Nanotubes Electrodes For Matrix Independent Sensing. Analytical Chemistry, 2015, 87, 1026-1033.	6.5	34
13	Fountain pen for scanning electrochemical microscopy. Analytical Methods, 2010, 2, 817.	2.7	30
14	High-throughput scanning electrochemical microscopy brushing of strongly tilted and curved surfaces. Electrochimica Acta, 2013, 110, 30-41.	5.2	28
15	Multiple scanning electrochemical microscopy mapping of tyrosinase in micro-contact printed fruit samples on polyvinylidene fluoride membrane. Electrochimica Acta, 2015, 179, 57-64.	5.2	26
16	Oxygen and hydrogen peroxide reduction by 1,2-diferrocenylethane at a liquid/liquid interface. Journal of Electroanalytical Chemistry, 2012, 681, 16-23.	3.8	24
17	Electrochemical Push-Pull Probe: From Scanning Electrochemical Microscopy to Multimodal Altering of Cell Microenvironment. Analytical Chemistry, 2015, 87, 4479-4486.	6.5	22
18	Electrochemical Pseudo-Titration of Water-Soluble Antioxidants. Electroanalysis, 2013, 25, 922-930.	2.9	19

#	ARTICLE	IF	CITATIONS
19	Adsorbed protein detection by scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2009, 635, 69-74.	3.8	16
20	Rapid optimization of a lactate biosensor design using soft probes scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2014, 731, 112-118.	3.8	16
21	Fixation and Permeabilization Approaches for Scanning Electrochemical Microscopy of Living Cells. Analytical Chemistry, 2016, 88, 11436-11443.	6.5	15
22	Parylene C coated microelectrodes for scanning electrochemical microscopy. Electrochimica Acta, 2013, 110, 22-29.	5.2	14
23	Human Fingerprint Imaging by Scanning ElectroChemical Microscopy (SECM). Chimia, 2009, 63, 580.	0.6	10
24	Finger Probe Array for Topography-Tolerant Scanning Electrochemical Microscopy of Extended Samples. Analytical Chemistry, 2014, 86, 713-720.	6.5	10
25	Segmented field OFFGEL® electrophoresis. Electrophoresis, 2012, 33, 3331-3338.	2.4	9
26	SECM photography. Electrochemistry Communications, 2008, 10, 714-718.	4.7	5
27	Untersuchung der Tyrosinase-Expression in nicht-metastatischen und metastatischen Melanomgeweben durch elektrochemische Rastersondenmikroskopie. Angewandte Chemie, 2016, 128, 3878-3881.	2.0	3
28	Protein/peptide purification by three-well OFFGEL electrophoresis with immobilized ultra narrow pH gradient gels. Analytical Methods, 2014, 6, 3995-4002.	2.7	1
29	Soft Microelectrode Arrays as SECM Probes for Biological Samples. ECS Meeting Abstracts, 2012, , .	0.0	0
30	Nanogap-based enzymatic-free electrochemical detection of glucose. , 2013, , .		0
31	Soft Probes for Scanning Electrochemical Microscopy. , 0, , 355-371.		0
32	Microfluidic Probes for Scanning Electrochemical Microscopy. , 0, , 373-390.		0