

Pratikkumar Shah

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

411
citations

1162367

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h-index

1281420

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13
all docs

13
docs citations

13
times ranked

859
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the biocompatibility of MoS ₂ nanosheets by cytotoxicity assay and electrical impedance spectroscopy. <i>Nanotechnology</i> , 2015, 26, 315102.	1.3	92
2	A paper electrode integrated lateral flow immunosensor for quantitative analysis of oxidative stress induced DNA damage. <i>Analyst, The</i> , 2014, 139, 2850-2857.	1.7	70
3	Development of paper-based analytical kit for point-of-care testing. <i>Expert Review of Molecular Diagnostics</i> , 2013, 13, 83-91.	1.5	59
4	A label-free electrochemical immunosensor for beta-amyloid detection. <i>Analytical Methods</i> , 2016, 8, 6115-6120.	1.3	44
5	Chip based single cell analysis for nanotoxicity assessment. <i>Analyst, The</i> , 2014, 139, 2088-2098.	1.7	41
6	Microelectromechanical System-Based Sensing Arrays for Comparative in Vitro Nanotoxicity Assessment at Single Cell and Small Cell-Population Using Electrochemical Impedance Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 5804-5812.	4.0	37
7	Electrochemical monitoring-on-chip (E-MoC) of HIV-infection in presence of cocaine and therapeutics. <i>Biosensors and Bioelectronics</i> , 2016, 86, 426-431.	5.3	27
8	Lab-on-chip device for single cell trapping and analysis. <i>Biomedical Microdevices</i> , 2014, 16, 35-41.	1.4	24
9	PC12 cell integrated biosensing neuron devices for evaluating neuronal exocytosis function upon silver nanoparticles exposure. <i>Science China Chemistry</i> , 2015, 58, 1600-1604.	4.2	8
10	A Review of Engineering Approaches for Lymphedema Detection. <i>IEEE Reviews in Biomedical Engineering</i> , 2016, 9, 79-90.	13.1	4
11	Breaking the fluoride diffusion barrier with combined dielectrophoresis and AC electroosmosis. <i>American Journal of Dentistry</i> , 2013, 26, 228-36.	0.1	4
12	Development of a Cell-Chip Array for Single Cell Capturing Using Dielectrophoresis. , 2013, , .		1
13	Paper-based Immunosensor for Oxidative DNA Damage Biomarker Detection. , 2013, , .		0