

Spundana Malla

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

599
citations

933447

10
h-index

1058476

14
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15
all docs

15
docs citations

15
times ranked

932
citing authors

#	ARTICLE	IF	CITATIONS
1	3D-printed supercapacitor-powered electrochemiluminescent protein immunoarray. <i>Biosensors and Bioelectronics</i> , 2016, 77, 188-193.	10.1	147
2	Automated Multiplexed ECL Immunoarrays for Cancer Biomarker Proteins. <i>Analytical Chemistry</i> , 2015, 87, 4472-4478.	6.5	115
3	Paper-Based Electrochemiluminescent Screening for Genotoxic Activity in the Environment. <i>Environmental Science & Technology</i> , 2013, 47, 1937-1944.	10.0	74
4	Electrochemistry-based approaches to low cost, high sensitivity, automated, multiplexed protein immunoassays for cancer diagnostics. <i>Analyst, The</i> , 2016, 141, 536-547.	3.5	57
5	Automated 3D-Printed Microfluidic Array for Rapid Nanomaterial-Enhanced Detection of Multiple Proteins. <i>Analytical Chemistry</i> , 2018, 90, 7569-7577.	6.5	54
6	Automated 3-D Printed Arrays to Evaluate Genotoxic Chemistry: E-Cigarettes and Water Samples. <i>ACS Sensors</i> , 2017, 2, 670-678.	7.8	39
7	High-throughput metabolic genotoxicity screening with a fluidic microwell chip and electrochemiluminescence. <i>Lab on A Chip</i> , 2013, 13, 4554.	6.0	29
8	Direct LC-MS/MS Detection of Guanine Oxidations in Exon 7 of the p53 Tumor Suppressor Gene. <i>Analytical Chemistry</i> , 2017, 89, 12872-12879.	6.5	25
9	Screening reactive metabolites bioactivated by multiple enzyme pathways using a multiplexed microfluidic system. <i>Analyst, The</i> , 2013, 138, 171-178.	3.5	16
10	Electrochemical Activation of the Natural Catalytic Cycle of Cytochrome P450s in Human Liver Microsomes. <i>Electroanalysis</i> , 2012, 24, 2049-2052.	2.9	12
11	Microfluidic array for simultaneous detection of DNA oxidation and DNA-adduct damage. <i>Analyst, The</i> , 2016, 141, 5722-5729.	3.5	9
12	Chemical selectivity of nucleobase adduction relative to <i>in vivo</i> mutation sites on exon 7 fragment of p53 tumor suppressor gene. <i>Chemical Science</i> , 2015, 6, 5554-5563.	7.4	8
13	Pathways of Metabolite-Related Damage to a Synthetic p53 Gene Exon 7 Oligonucleotide Using Magnetic Enzyme Bioreactor Beads and LC-MS/MS Sequencing. <i>Biochemistry</i> , 2018, 57, 3883-3893.	2.5	7
14	Methyl-Cytosine-Driven Structural Changes Enhance Adduction Kinetics of an Exon 7 fragment of the p53 Gene. <i>Scientific Reports</i> , 2017, 7, 40890.	3.3	4
15	Low Cost 3D-Printed Biosensor Arrays for Protein-based Cancer Diagnostics based on Electrochemiluminescence. , 2016, , .		3