

Kavita Arora

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,168
citations

567281

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888059

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docs citations

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times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide-chitosan nanocomposite based electrochemical DNA biosensor for detection of typhoid. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 675-684.	7.8	200
2	Application of electrochemically prepared polypyrrole-polyvinyl sulphonate films to DNA biosensor. <i>Biosensors and Bioelectronics</i> , 2006, 21, 1777-1783.	10.1	126
3	Recent developments in bio-molecular electronics techniques for food pathogens. <i>Analytica Chimica Acta</i> , 2006, 568, 259-274.	5.4	92
4	<i>Escherichia coli</i> Genosensor Based on Polyaniline. <i>Analytical Chemistry</i> , 2007, 79, 6152-6158.	6.5	83
5	Improved performance of polyaniline-uricase biosensor. <i>Analytica Chimica Acta</i> , 2007, 594, 17-23.	5.4	83
6	Nucleic acid sensor for M. tuberculosis detection based on surface plasmon resonance. <i>Analyst</i> , The, 2008, 133, 1587.	3.5	81
7	CD45 Targeted Ultrasensitive Electrochemical Immunosensor for Fast and Noninvasive Diagnosis of Oral Cancer. <i>Electroanalysis</i> , 2016, 28, 2565-2574.	2.9	80
8	Ultrasensitive DNA hybridization biosensor based on polyaniline. <i>Biosensors and Bioelectronics</i> , 2007, 23, 613-620.	10.1	79
9	Polyaniline Based Nucleic Acid Sensor. <i>Journal of Physical Chemistry B</i> , 2008, 112, 4808-4816.	2.6	70
10	STD sensor based on nucleic acid functionalized nanostructured polyaniline. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2232-2238.	10.1	59
11	Immobilization of single stranded DNA probe onto polypyrrole-polyvinyl sulfonate for application to DNA hybridization biosensor. <i>Sensors and Actuators B: Chemical</i> , 2007, 126, 655-663.	7.8	55
12	Enhancing Lung Cancer Diagnosis: Electrochemical Simultaneous Biantalyte Immunosensing Using Carbon Nanotubes-Chitosan Nanocomposite. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 1188-1200.	2.9	39
13	Surface Plasmon Resonance Based Label-Free Detection of Salmonella using DNA Self Assembly. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 1330-1343.	2.9	35
14	DNA Functionalized Direct Electro-deposited Gold nanoaggregates for Efficient Detection of Salmonella typhi. <i>Bioelectrochemistry</i> , 2015, 105, 7-15.	4.6	33
15	Enhancing Performance of Uricase Using Multiwalled Carbon Nanotube Doped Polyaniline. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 1174-1187.	2.9	19
16	Molecular Functionalization of Carbon Nanomaterials for Immuno-diagnosis of Cancer. <i>Materials Today: Proceedings</i> , 2016, 3, 157-161.	1.8	12
17	Advances in Nano Based Biosensors for Food and Agriculture. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 1-52.	0.5	9
18	Electrochemical biosensors for early detection of cancer. , 2022, , 123-151.		8