

# Kavita Arora

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6149520/publications.pdf>

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18  
papers

1,168  
citations

567281

15  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1522  
citing authors

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