

Harmanjit Kaur

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nanostructured Aptamer-Functionalized Black Phosphorus Sensing Platform for Label-Free Detection of Myoglobin, a Cardiovascular Disease Biomarker. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22860-22868.	8.0	208
2	Rapid acetone detection using indium loaded WO ₃ /SnO ₂ nanohybrid sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 703-713.	7.8	112
3	Nanomaterial based aptasensors for clinical and environmental diagnostic applications. <i>Nanoscale Advances</i> , 2019, 1, 2123-2138.	4.6	71
4	Plasmonic DNA hotspots made from tungsten disulfide nanosheets and gold nanoparticles for ultrasensitive aptamer-based SERS detection of myoglobin. <i>Mikrochimica Acta</i> , 2018, 185, 158.	5.0	69
5	Bridged Rebar Graphene functionalized aptasensor for pathogenic E. coli O78:K80:H11 detection. <i>Biosensors and Bioelectronics</i> , 2017, 98, 486-493.	10.1	64
6	Graphitic carbon nitride QDs impregnated biocompatible agarose cartridge for removal of heavy metals from contaminated water samples. <i>Journal of Hazardous Materials</i> , 2019, 367, 629-638.	12.4	61
7	Electrochemical aptasensor using boron-carbon nanorods decorated by nickel nanoparticles for detection of E. coli O157:H7. <i>Mikrochimica Acta</i> , 2020, 187, 461.	5.0	25
8	Biolayer interferometry-SELEX for Shiga toxin antigenic-peptide aptamers & detection via chitosan-WSe ₂ aptasensor. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112498.	10.1	19
9	Microtitre Plate Based Cell-SELEX Method. <i>Bio-protocol</i> , 2018, 8, e3051.	0.4	2