

Sachin Ganpat Chavan

List of Publications by Year in descending order

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205
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#	ARTICLE	IF	CITATIONS
1	Label-Free Impedance Sensing of Aflatoxin B1 with Polyaniline Nanofibers/Au Nanoparticle Electrode Array. <i>Sensors</i> , 2018, 18, 1320.	3.8	49
2	$\hat{\Gamma}^2$ -Hydroxybutyrate dehydrogenase decorated MXene nanosheets for the amperometric determination of $\hat{\Gamma}^2$ -hydroxybutyrate. <i>Mikrochimica Acta</i> , 2020, 187, 277.	5.0	33
3	Advances of MXenes; Perspectives on Biomedical Research. <i>Biosensors</i> , 2022, 12, 454.	4.7	22
4	Relay-race RNA/barcode gold nanoflower hybrid for wide and sensitive detection of microRNA in total patient serum. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111468.	10.1	19
5	Nanostructured Au-Pt hybrid disk electrodes for enhanced parathyroid hormone detection in human serum. <i>Bioelectrochemistry</i> , 2019, 128, 165-174.	4.6	16
6	Dimeric-serotonin bivalent ligands induced gold nanoparticle aggregation for highly sensitive and selective serotonin biosensor. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113447.	10.1	15
7	Robust Bioengineered Apoferritin Nanoprobes for Ultrasensitive Detection of Infectious Pancreatic Necrosis Virus. <i>Analytical Chemistry</i> , 2019, 91, 5841-5849.	6.5	14
8	Polypyrrole-palladium nanocomposite as a high-efficiency transducer for thrombin detection with liposomes as a label. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3205-3217.	3.7	4
9	Synthesis of Multi-walled Carbon Nanotubes Modified with Silver Nanoparticles and Evaluation of Their Antibacterial Activities and Cytotoxic Properties. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	3