

Amit K Yadav

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

595
citations

623734

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940533

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17
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17
docs citations

17
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies and perspectives to develop SARS-CoV-2 detection methods and diagnostics. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110446.	5.6	78
2	A highly sensitive label-free amperometric biosensor for norfloxacin detection based on chitosan-yttria nanocomposite. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 566-575.	7.5	59
3	Fabrication of a sensitive electrochemical sensor platform using reduced graphene oxide-molybdenum trioxide nanocomposite for BPA detection: An endocrine disruptor. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105504.	6.7	48
4	Gut microbiota derived trimethylamine N-oxide (TMAO) detection through molecularly imprinted polymer based sensor. <i>Scientific Reports</i> , 2021, 11, 1338.	3.3	46
5	Carbon cloth-based immunosensor for detection of 25-hydroxy vitamin D3. <i>Mikrochimica Acta</i> , 2021, 188, 145.	5.0	43
6	Gut microbiota-derived metabolites in CRC progression and causation. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3141-3155.	2.5	43
7	Fabrication of label-free and ultrasensitive electrochemical immunosensor based on molybdenum disulfide nanoparticles modified disposable ITO: An analytical platform for antibiotic detection in food samples. <i>Food Chemistry</i> , 2021, 363, 130245.	8.2	43
8	Development of MWCNT decorated with green synthesized AgNps-based electrochemical sensor for highly sensitive detection of BPA. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 447-462.	2.9	41
9	The perspectives of biomarker-based electrochemical immunosensors, artificial intelligence and the Internet of Medical Things toward COVID-19 diagnosis and management. <i>Materials Today Chemistry</i> , 2021, 20, 100443.	3.5	38
10	Internet of things (IoT) in nano-integrated wearable biosensor devices for healthcare applications. <i>Biosensors and Bioelectronics: X</i> , 2022, 11, 100153.	1.7	38
11	Emerging role of trimethylamine-N-oxide (TMAO) in colorectal cancer. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7651-7660.	3.6	34
12	Designing and characterization of a highly sensitive and selective biosensing platform for ciprofloxacin detection utilizing lanthanum oxide nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106771.	6.7	26
13	Electrophoretically deposited L-cysteine functionalized MoS ₂ @MWCNT nanocomposite platform: a smart approach toward highly sensitive and label-free detection of gentamicin. <i>Materials Today Chemistry</i> , 2021, 22, 100567.	3.5	20
14	Aptamer based switches: A futuristic approach for <i>Helicobacter pylori</i> detection. <i>Materials Letters</i> , 2022, 308, 131239.	2.6	16
15	Fabrication of alkoxysilane substituted polymer-modified disposable biosensing platform: Towards sperm protein 17 sensing as a new cancer biomarker. <i>Talanta</i> , 2022, 243, 123376.	5.5	14
16	Influence of pH, β -Cyclodextrin, and Metal Ions on the Solubility and Stability of the Medicinally Competent Isoxazole Derivative of Curcumin: A Photophysical Study. <i>ACS Applied Bio Materials</i> , 2021, 4, 8407-8423.	4.6	6
17	Coronavirus Disease 2019 (COVID-19): Origin, Impact, and Drug Development. , 0, ,		2