

# Amit K Yadav

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3519317/publications.pdf>

Version: 2024-02-01

17  
papers

595  
citations

623734

14  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

289  
citing authors

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