

# Atul Sharma

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

545  
citations

10  
h-index

14  
g-index

14  
ext. papers

781  
ext. citations

5.7  
avg, IF

4.69  
L-index

#	Paper	IF	Citations
14	Severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2): a global pandemic and treatment strategies. <i>International Journal of Antimicrobial Agents</i> , <b>2020</b> , 56, 106054	14.3	168
13	Disposable and portable aptamer functionalized impedimetric sensor for detection of kanamycin residue in milk sample. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 245, 507-515	8.5	74
12	Ultrasensitive detection of streptomycin using flow injection analysis-electrochemical quartz crystal nanobalance (FIA-EQCN) biosensor. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 67, 532-9	11.8	50
11	Development of structure switching aptamer assay for detection of aflatoxin M1 in milk sample. <i>Talanta</i> , <b>2016</b> , 158, 35-41	6.2	49
10	Wearable Biosensors: An Alternative and Practical Approach in Healthcare and Disease Monitoring. <i>Molecules</i> , <b>2021</b> , 26,	4.8	43
9	Designed Strategies for Fluorescence-Based Biosensors for the Detection of Mycotoxins. <i>Toxins</i> , <b>2018</b> , 10,	4.9	38
8	Tetramethyl-6-carboxyrhodamine quenching-based aptasensing platform for aflatoxin B1: Analytical performance comparison of two aptamers. <i>Analytical Biochemistry</i> , <b>2016</b> , 508, 19-24	3.1	29
7	Recent Advances in Electrochemical-Based Sensing Platforms for Aflatoxins Detection. <i>Chemosensors</i> , <b>2017</b> , 5, 1	4	29
6	Titanium Dioxide Nanoparticles (TiO <sub>2</sub> ) Quenching Based Aptasensing Platform: Application to Ochratoxin A Detection. <i>Toxins</i> , <b>2015</b> , 7, 3771-84	4.9	23
5	Flow injection analysis biosensor for urea analysis in urine using enzyme thermistor. <i>Applied Biochemistry and Biotechnology</i> , <b>2014</b> , 174, 998-1009	3.2	17
4	Design of a fluorescence aptaswitch based on the aptamer modulated nano-surface impact on the fluorescence particles. <i>RSC Advances</i> , <b>2016</b> , 6, 65579-65587	3.7	10
3	A Comprehensive Review on Fused Heterocyclic as DNA Intercalators: Promising Anticancer Agents. <i>Current Pharmaceutical Design</i> , <b>2021</b> , 27, 15-42	3.3	6
2	Optical Biosensors for Diagnostics of Infectious Viral Disease: A Recent Update. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	5
1	Nanomaterials in fluorescence-based biosensors: Defining key roles. <i>Nano Structures Nano Objects</i> , <b>2021</b> , 27, 100774	5.6	4