

# Uchangi Satyaprasad Akshath

## List of Publications by Year in Descending Order

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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.

13  
papers

167  
citations

8  
h-index

12  
g-index

13  
ext. papers

206  
ext. citations

8.2  
avg. IF

3.31  
L-index

#	Paper	IF	Citations
13	Differential Interaction of Metal Ions with Gold Nanoclusters and Application in Detection of Cobalt and Cadmium. <i>Journal of Fluorescence</i> , <b>2020</b> , 30, 537-545	2.4	11
12	Photon induced quantum yield regeneration of cap-exchanged CdSe/CdS quantum rods for ratiometric biosensing and cellular imaging. <i>Nanoscale</i> , <b>2020</b> , 12, 8647-8655	7.7	4
11	Glycan-Gold Nanoparticles as Multifunctional Probes for Multivalent Lectin-Carbohydrate Binding: Implications for Blocking Virus Infection and Nanoparticle Assembly. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18022-18034	16.4	20
10	Fluorescent aptaswitch for chloramphenicol detection [Quantification enabled by immobilization of aptamer. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 290, 110-117	8.5	30
9	Biosensors for Food Component Analysis <b>2019</b> , 341-374		
8	Supramolecular nano-sniffers for ultrasensitive detection of formaldehyde. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 100, 201-207	11.8	11
7	Gold Nanoparticles Based Enzyme Biosensor for the Detection of Chloramphenicol. <i>Procedia Technology</i> , <b>2017</b> , 27, 282-286		5
6	Gold nanoparticle synthesis coupled to fluorescence turn-on for sensitive detection of formaldehyde using formaldehyde dehydrogenase. <i>RSC Advances</i> , <b>2016</b> , 6, 54777-54784	3.7	7
5	Tunneling of redox enzymes to design nano-probes for monitoring NAD(+) dependent bio-catalytic activity. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 85, 240-246	11.8	9
4	Quantum dots as optical labels for ultrasensitive detection of polyphenols. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 57, 317-23	11.8	36
3	Gold nanoparticle-based immunodetection of Staphylococcus aureus leukotoxin M/F?-PV in subclinical samples of bovine mastitis. <i>Analytical Methods</i> , <b>2014</b> , 6, 5214-5220	3.2	
2	Quantum dots as nano plug-inæ for efficient NADH resonance energy routing. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 38, 411-5	11.8	14
1	Detection of formaldehyde in food samples by enhanced chemiluminescence. <i>Analytical Methods</i> , <b>2012</b> , 4, 699	3.2	20