

# Satheesh Natarajan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2895772/publications.pdf>

Version: 2024-02-01

19  
papers

232  
citations

933447

10  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological and biomedical aspects of genetically modified food. <i>Biomedicine and Pharmacotherapy</i> , 2005, 59, 531-540.	5.6	29
2	A Cellulose Paper-Based Fluorescent Lateral Flow Immunoassay for the Quantitative Detection of Cardiac Troponin I. <i>Biosensors</i> , 2021, 11, 49.	4.7	28
3	Purification and characterization of naturally occurring HIV-1 (South African subtype C) protease mutants from inclusion bodies. <i>Protein Expression and Purification</i> , 2016, 122, 90-96.	1.3	22
4	Biocatalysis, DNA-protein interactions, cytotoxicity and molecular docking of Cu(II), Ni(II), Zn(II) and V(IV) Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3776.	3.5	22
5	Water soluble and efficient amino acid Schiff base receptor for reversible fluorescence turn-on detection of Zn <sup>2+</sup> ions: Quantum chemical calculations and detection of bacteria. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 249-256.	3.9	20
6	A paper microfluidics-based fluorescent lateral flow immunoassay for point-of-care diagnostics of non-communicable diseases. <i>Analyst</i> , 2019, 144, 6291-6303.	3.5	19
7	Development and Evaluation of a Quantitative Fluorescent Lateral Flow Immunoassay for Cystatin-C, a Renal Dysfunction Biomarker. <i>Sensors</i> , 2021, 21, 3178.	3.8	15
8	Exploration of biological activities of alkyne arms containing Cu(II) and Ni(II) complexes: syntheses, crystal structures and DFT calculations. <i>RSC Advances</i> , 2016, 6, 102482-102497.	3.6	13
9	State-of-the-art colloidal particles and unique interfaces-based SARS-CoV-2 detection methods and COVID-19 diagnosis. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 55, 101469.	7.4	13
10	Fluorescence response of a thiazolidine carboxylic acid derivative for the selective and nanomolar detection of Zn(II) ions: quantum chemical calculations and application in real samples. <i>RSC Advances</i> , 2015, 5, 105453-105463.	3.6	12
11	Excision of selectable marker genes from transgenic crops as a concern for environmental biosafety. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 2547-2554.	3.5	8
12	Rapid in vitro protein synthesis pipeline: a promising tool for cost-effective protein array design. <i>Molecular BioSystems</i> , 2014, 10, 1236.	2.9	8
13	Development and Evaluation of Europium-Based Quantitative Lateral Flow Immunoassay for the Chronic Kidney Disease Marker Cystatin-C. <i>Journal of Fluorescence</i> , 2022, 32, 419-426.	2.5	7
14	A Motion Free Image Based TRF Reader for Quantitative Immunoassay. , 2019, , .		5
15	A novel time-resolved fluorescent lateral flow immunoassay for quantitative detection of the trauma brain injury biomarker-gial fibrillary acidic protein. <i>Sensors &amp; Diagnostics</i> , 2022, 1, 193-197.	3.8	5
16	Comparative study of two forms of aro A CP4 gene in <i>Escherichia coli</i> . <i>Biologia (Poland)</i> , 2007, 62, 265-269.	1.5	2
17	Aptamer based Lateral Flow Assays for Rapid and Sensitive Detection of CKD marker Cystatin C. , 2021, , .		2
18	Exploring carbohydrate binding module fusions and Fab fragments in a cellulose-based lateral flow immunoassay for detection of cystatin C. <i>Scientific Reports</i> , 2022, 12, 5478.	3.3	2

#	ARTICLE	IF	CITATIONS
19	Foxf1 and SP-C contains a Cell-Type-Specific Transcriptional Activation Domain and is Expressed in Mouse Lungs. MOJ Proteomics & Bioinformatics, 2016, 4, .	0.1	0