Satheesh Natarajan

List of Publications by Year
in descending order

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		933447	996975
19	232	10	15
papers	citations	h-index	g-index

20	20	20	304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel time-resolved fluorescent lateral flow immunoassay for quantitative detection of the trauma brain injury biomarker-glial fibrillary acidic protein. Sensors & Diagnostics, 2022, 1, 193-197.	3.8	5
2	Development and Evaluation of Europium-Based Quantitative Lateral Flow Immunoassay for the Chronic Kidney Disease Marker Cystatin-C. Journal of Fluorescence, 2022, 32, 419-426.	2.5	7
3	Exploring carbohydrate binding module fusions and Fab fragments in a cellulose-based lateral flow immunoassay for detection of cystatin C. Scientific Reports, 2022, 12, 5478.	3.3	2
4	A Cellulose Paper-Based Fluorescent Lateral Flow Immunoassay for the Quantitative Detection of Cardiac Troponin I. Biosensors, 2021, 11, 49.	4.7	28
5	Development and Evaluation of a Quantitative Fluorescent Lateral Flow Immunoassay for Cystatin-C, a Renal Dysfunction Biomarker. Sensors, 2021, 21, 3178.	3.8	15
6	Aptamer based Lateral Flow Assays for Rapid and Sensitive Detection of CKD marker Cystatin C. , 2021, , .		2
7	State-of-the-art colloidal particles and unique interfaces-based SARS-CoV-2 detection methods and COVID-19 diagnosis. Current Opinion in Colloid and Interface Science, 2021, 55, 101469.	7.4	13
8	A paper microfluidics-based fluorescent lateral flow immunoassay for point-of-care diagnostics of non-communicable diseases. Analyst, The, 2019, 144, 6291-6303.	3.5	19
9	A Motion Free Image Based TRF Reader for Quantitative Immunoassay. , 2019, , .		5
10	Biocatalysis, DNAâ€“protein interactions, cytotoxicity and molecular docking of Cu(II), Ni(II), Zn(II) and V(IV) Schiff base complexes. Applied Organometallic Chemistry, 2017, 31, e3776.	3.5	22
11	Exploration of biological activities of alkyne arms containing Cu(<scp>ii</scp>) and Ni(<scp>ii</scp>) complexes: syntheses, crystal structures and DFT calculations. RSC Advances, 2016, 6, 102482-102497.	3.6	13
12	Purification and characterization of naturally occurring HIV-1 (South African subtype C) protease mutants from inclusion bodies. Protein Expression and Purification, 2016, 122, 90-96.	1.3	22
13	Water soluble and efficient amino acid Schiff base receptor for reversible fluorescence turn-on detection of Zn2+ ions: Quantum chemical calculations and detection of bacteria. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 249-256.	3.9	20
14	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
15	Fluorescence response of a thiazolidine carboxylic acid derivative for the selective and nanomolar detection of Zn(<scp>ii</scp>) ions: quantum chemical calculations and application in real samples. RSC Advances, 2015, 5, 105453-105463.	3.6	12
16	Rapid in vitro protein synthesis pipeline: a promising tool for cost-effective protein array design. Molecular BioSystems, 2014, 10, 1236.	2.9	8
17	Excision of selectable marker genes from transgenic crops as a concern for environmental biosafety. Journal of the Science of Food and Agriculture, 2007, 87, 2547-2554.	3.5	8
18	Comparative study of two forms of aro A CP4 gene in Escherichia coli. Biologia (Poland), 2007, 62, 265-269.	1.5	2

#	Article	IF	Citations
19	Biological andÂbiomedical aspects ofÂgenetically modified food. Biomedicine and Pharmacotherapy, 2005, 59, 531-540.	5.6	29