

Praveena Bhatt

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

349
citations

759233

12
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum dots as optical labels for ultrasensitive detection of polyphenols. <i>Biosensors and Bioelectronics</i> , 2014, 57, 317-323.	10.1	42
2	Fluorescent aptaswitch for chloramphenicol detection – Quantification enabled by immobilization of aptamer. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 110-117.	7.8	41
3	Antioxidant and Antibacterial Activities in the Leaf Extracts of Indian Borage (<i>Plectranthus amboinicus</i>). <i>Food and Nutrition Sciences (Print)</i> , 2012, 03, 146-152.	0.4	37
4	<i>Plectranthus amboinicus</i> leaves stimulate growth of probiotic <i>L. plantarum</i> : Evidence for ethnobotanical use in diarrhea. <i>Journal of Ethnopharmacology</i> , 2015, 166, 220-227.	4.1	28
5	Supramolecular nano-sniffers for ultrasensitive detection of formaldehyde. <i>Biosensors and Bioelectronics</i> , 2018, 100, 201-207.	10.1	19
6	Colorimetric and chemiluminescence based enzyme linked apta-sorbent assay (ELASA) for ochratoxin A detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118875.	3.9	18
7	Fluorescent competitive aptasensor for detection of aflatoxin B₁. <i>Journal of Molecular Recognition</i> , 2017, 30, e2650.	2.1	17
8	Bio-Layer Interferometry-Based SELEX and Label-Free Detection of Patulin Using Generated Aptamer. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6239-6246.	5.2	16
9	Modeling of caffeine degradation kinetics during cultivation of <i>Fusarium solani</i> using sucrose as co-substrate. <i>Biochemical Engineering Journal</i> , 2017, 125, 73-80.	3.6	15
10	Differential Interaction of Metal Ions with Gold Nanoclusters and Application in Detection of Cobalt and Cadmium. <i>Journal of Fluorescence</i> , 2020, 30, 537-545.	2.5	15
11	Tunneling of redox enzymes to design nano-probes for monitoring NAD+ dependent bio-catalytic activity. <i>Biosensors and Bioelectronics</i> , 2016, 85, 240-246.	10.1	14
12	Response Surface Optimization for Decaffeination and Theophylline Production by <i>Fusarium solani</i> . <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 58-75.	2.9	13
13	Aptamer as capture agent in enzyme-linked apta-sorbent assay (ELASA) for ultrasensitive detection of Aflatoxin B1. <i>Toxicon</i> , 2018, 156, 28-33.	1.6	13
14	Ozone assisted autohydrolysis of wheat bran enhances xylooligosaccharide production with low generation of inhibitor compounds: A comparative study. <i>Bioresource Technology</i> , 2021, 338, 125559.	9.6	11
15	Gold nanoparticle synthesis coupled to fluorescence turn-on for sensitive detection of formaldehyde using formaldehyde dehydrogenase. <i>RSC Advances</i> , 2016, 6, 54777-54784.	3.6	10
16	DNA aptamer selection and detection of marine biotoxin 20 Methyl Spirolide G. <i>Food Chemistry</i> , 2021, 363, 130332.	8.2	10
17	Inhibition of LDL oxidation and oxidized LDL-induced foam cell formation in RAW 264.7 cells show anti-atherogenic properties of a foliar methanol extract of <i>Scoparia dulcis</i> . <i>Pharmacognosy Magazine</i> , 2014, 10, 240.	0.6	7
18	Enzyme decorated dendritic bimetallic nanocomposite biosensor for detection of HCHO. <i>Talanta</i> , 2022, 238, 123054.	5.5	7

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19	<i>Woodfordia fruticosa</i> extract supplementation stimulates the growth of <i>Lactocaseibacillus casei</i> and <i>Lactocaseibacillus rhamnosus</i> with adapted intracellular and extracellular metabolite pool. Journal of Applied Microbiology, 2021, 131, 2994-3007.	3.1	6
20	Fluorescence Based Turn-on Probe for the Determination of Caffeine Using Europium-Tetracycline as Energy Transfer Complex. Journal of Fluorescence, 2016, 26, 1115-1121.	2.5	4
21	Functional attributes of polyphenol-rich Woodfordia fruticosa extract: An active ingredient in traditional Indian medicine with nutraceutical potential. Journal of Herbal Medicine, 2021, 29, 100488.	2.0	4
22	Aptasensors: Paradigm Shift for Detection of Food Toxins. , 2021, , 712-730.		2
23	Gut microbiota and metabolic changes towards improved gut health with supplementation of Woodfordia fruticosa, a medicinal plant: An in vitro study. Innovative Food Science and Emerging Technologies, 2022, 75, 102896.	5.6	0