

shafiquzzaman Siddiquee

List of Publications by Year in descending order

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61
papers

1,677
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346980

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61
docs citations

61
times ranked

2570
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Development and Environmental Applications of Nanocellulose-Based Membranes. <i>Membranes</i> , 2022, 12, 287.	1.4	31
2	Microbial Metabolomics Interaction and Ecological Challenges of <i>Trichoderma</i> Species as Biocontrol Inoculant in Crop Rhizosphere. <i>Agronomy</i> , 2022, 12, 900.	1.3	9
3	Efficacy of Entomopathogenic <i>Trichoderma</i> Isolates against Sugarcane Woolly Aphid, <i>Ceratovacuna lanigera</i> Zehntner (Hemiptera: Aphididae). <i>Horticulturae</i> , 2022, 8, 2.	1.2	11
4	Mushroom Quality Related with Various Substratesâ€™ Bioaccumulation and Translocation of Heavy Metals. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 42.	1.5	25
5	A Novel Unsupervised Spectral Clustering for Pure-Tone Audiograms towards Hearing Aid Filter Bank Design and Initial Configurations. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 298.	1.3	2
6	Augmented Retting Effect on Kenaf Fibers Using Alkalophilic Pectinase-Producing Bacteria in Combination with Water Solvents. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7136.	1.3	3
7	An electrochemical sensor for the determination of tartrazine based on CHIT/GO/MWCNTs/AuNPs composite film modified glassy carbon electrode. <i>Drug and Chemical Toxicology</i> , 2021, 44, 447-457.	1.2	19
8	Electrochemical Behaviour of Real-Time Sensor for Determination Mercury in Cosmetic Products Based on PANI/MWCNTs/AuNPs/ITO. <i>Cosmetics</i> , 2021, 8, 17.	1.5	11
9	Factor Influences for Diagnosis and Vaccination of Avian Infectious Bronchitis Virus (Gammacoronavirus) in Chickens. <i>Veterinary Sciences</i> , 2021, 8, 47.	0.6	13
10	Visual and Optical Absorbance Detection of Melamine in Milk by Melamine-Induced Aggregation of Gold Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 1142.	1.9	10
11	Identification patterns of <i>Trichoderma</i> strains using morphological characteristics, phylogenetic analyses and lignocellulolytic activities. <i>Molecular Biology Reports</i> , 2021, 48, 3285-3301.	1.0	10
12	Control of Plant Viral Diseases by CRISPR/Cas9: Resistance Mechanisms, Strategies and Challenges in Food Crops. <i>Plants</i> , 2021, 10, 1264.	1.6	13
13	Critical Factors for Optimum Biodegradation of Bast Fiberâ€™s Gums in Bacterial Retting. <i>Fibers</i> , 2021, 9, 52.	1.8	5
14	Nutritional Composition and Sensory Evaluation of Cake Fortified with <i>Moringa oleifera</i> Leaf Powder and Ripe Banana Flour. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8474.	1.3	9
15	Infectious Bronchitis Virus (Gammacoronavirus) in Poultry Farming: Vaccination, Immune Response and Measures for Mitigation. <i>Veterinary Sciences</i> , 2021, 8, 273.	0.6	17
16	Optimization and Analytical Behavior of Electrochemical Sensors Based on the Modification of Indium Tin Oxide (ITO) Using PANI/MWCNTs/AuNPs for Mercury Detection. <i>Sensors</i> , 2020, 20, 6502.	2.1	28
17	Valuable components of bambangan fruit (<i>Mangifera pajang</i>) and its co-products: A review. <i>Food Research International</i> , 2019, 115, 105-115.	2.9	14
18	Nanotechnology Applications in Food: Opportunities and Challenges in Food Industry. , 2019, , 295-308.		18

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19	Draft genome sequence of the basidiomycetous fungus <i>Tinctoporellus epimiltinus</i> strain RS1. Data in Brief, 2019, 23, 103796.	0.5	0
20	Acetylcholinesterase (AChE) Biosensors for Determination of Carbamate Pesticides. , 2019, , 361-375.		0
21	Nanotechnology: Recent Trends in Food Safety, Quality and Market Analysis. , 2019, , 283-293.		6
22	A review of extraction, analytical and advanced methods for determination of pesticides in environment and foodstuffs. Trends in Food Science and Technology, 2018, 71, 188-201.	7.8	279
23	A Review of Extraction and Analytical Methods for the Determination of Tartrazine (E 102) in Foodstuffs. Critical Reviews in Analytical Chemistry, 2017, 47, 309-324.	1.8	65
24	Effective composting of empty fruit bunches using potential <i>Trichoderma</i> strains. Biotechnology Reports (Amsterdam, Netherlands), 2017, 13, 1-7.	2.1	64
25	Toxicology, extraction and analytical methods for determination of Amaranth in food and beverage products. Trends in Food Science and Technology, 2017, 65, 68-79.	7.8	34
26	Partial structural studies of fucosylated chondroitin sulfate (FuCS) using attenuated total reflection fourier transform infrared spectroscopy (ATR-FTIR) and chemometrics. Vibrational Spectroscopy, 2017, 89, 26-36.	1.2	24
27	Fungal Volatile Organic Compounds: Emphasis on Their Plant Growth-Promoting. , 2017, , 313-333.		2
28	Highly sensitive electrochemical determination of sunset yellow in commercial food products based on CHIT/GO/MWCNTs/AuNPs/GCE. Food Control, 2017, 82, 66-73.	2.8	37
29	Extraction and Analytical Methods for Determination of Sunset Yellow (E110)â€™a Review. Food Analytical Methods, 2017, 10, 773-787.	1.3	42
30	Analytical and advanced methods-based determination of melamine in food products. , 2017, , 339-390.		1
31	Morphology-Based Characterization of <i>Trichoderma</i> Species. Fungal Biology, 2017, , 41-73.	0.3	6
32	Extraction, Analytical and Advanced Methods for Detection of Allura Red AC (E129) in Food and Beverages Products. Frontiers in Microbiology, 2016, 7, 798.	1.5	56
33	Development of Formaldehyde Biosensor for Determination of Formalin in Fish Samples; Malabar Red Snapper (<i>Lutjanus malabaricus</i>) and Longtail Tuna (<i>Thunnus tonggol</i>). Biosensors, 2016, 6, 32.	2.3	35
34	12. Fungal cell factories and their applications. , 2016, , 269-308.		0
35	Methods for the analysis of Sunset Yellow FCF (E110) in food and beverage products- a review. TrAC - Trends in Analytical Chemistry, 2016, 85, 47-56.	5.8	79
36	Electrochemical sensor based rapid determination of melamine using ionic liquid/zinc oxide nanoparticles/chitosan/gold electrode. Food Control, 2016, 59, 801-808.	2.8	57

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37	Genetic variation in the mitochondrial genome of the giant grouper <i>Epinephelus lanceolatus</i> (Bloch.) Tj ETQq1 1 0.784314 rgBT / Over	0.7	85
38	A review of recent advances in melamine detection techniques. <i>Journal of Food Composition and Analysis</i> , 2015, 43, 25-38.	1.9	87
39	Development of glucose biosensor based on ZnO nanoparticles film and glucose oxidase-immobilized eggshell membrane. <i>Sensing and Bio-Sensing Research</i> , 2015, 4, 46-56.	2.2	47
40	Development of melamine sensor based on ionic liquid/nanoparticles/chitosan with modified gold electrode for determination of melamine in milk product. <i>Sensing and Bio-Sensing Research</i> , 2015, 4, 16-22.	2.2	15
41	Separation and identification of hydrocarbons and other volatile compounds from cultures of <i>Aspergillus niger</i> by GC-MS using two different capillary columns and solvents. <i>Journal of Saudi Chemical Society</i> , 2015, 19, 243-256.	2.4	32
42	Nanoparticle-enhanced electrochemical biosensor with DNA immobilization and hybridization of <i>Trichoderma harzianum</i> gene. <i>Sensing and Bio-Sensing Research</i> , 2014, 2, 16-22.	2.2	46
43	Recent Advancements on the Role and Analysis of Volatile Compounds (VOCs) from <i>Trichoderma</i> . , 2014, , 139-175.		25
44	Fucosylated chondroitin sulfate diversity in sea cucumbers: A review. <i>Carbohydrate Polymers</i> , 2014, 112, 173-178.	5.1	87
45	Molecular markers for parentage analysis in the grouper F1 hybrid <i>Epinephelus coioides</i> – <i>Epinephelus lanceolatus</i> (Actinopterygii: Perciformes: Serranidae). <i>Acta Ichthyologica Et Piscatoria</i> , 2014, 44, 59-64.	0.3	4
46	Lignocellulolytic Activities among <i>Trichoderma</i> Isolates from Lahad Datu, Sabah and Deception Island, Antarctic. <i>Journal of Microbial & Biochemical Technology</i> , 2014, 06, .	0.2	3
47	Composting of oil palm fibres and <i>Trichoderma</i> spp. as the biological control agent: A review. <i>International Biodeterioration and Biodegradation</i> , 2013, 85, 243-253.	1.9	28
48	Impact of yellow mite (<i>Polyphagotarsonemus latus</i> [Banks]) density on host's (<i>Corchorus capsularis</i> ...) phenology and assessment of yield loss under field conditions. <i>Entomological Research</i> , 2013, 43, 243-252.	0.6	1
49	Electrochemical Biosensor Immobilization of Formaldehyde Dehydrogenase with Nafion for Determination of Formaldehyde from Indian Mackerel (<i>Rastrelliger kanagurta</i>) Fish. <i>Current Analytical Chemistry</i> , 2012, 8, 534-542.	0.6	12
50	Separation and Identification of Volatile Compounds from Liquid Cultures of <i>Trichoderma harzianum</i> by GC-MS using Three Different Capillary Columns. <i>Journal of Chromatographic Science</i> , 2012, 50, 358-367.	0.7	118
51	Sequence analysis of the ribosomal DNA internal transcribed spacer regions in <i>Termitomyces heimii</i> species. <i>Annals of Microbiology</i> , 2012, 62, 797-803.	1.1	6
52	Characterization of Malaysian <i>Trichoderma</i> isolates using random amplified microsatellites (RAMS). <i>Molecular Biology Reports</i> , 2012, 39, 715-722.	1.0	10
53	Comparing interfertility data with random amplified microsatellites DNA (RAMS) studies in <i>Ganoderma Karst.</i> <i>Taxonomy. Molecular Biology Reports</i> , 2012, 39, 2861-2866.	1.0	0
54	Development of electrochemical DNA biosensor for <i>Trichoderma harzianum</i> based on ionic liquid/ZnO nanoparticles/chitosan/gold electrode. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 273-282.	1.2	22

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55	Electrochemical DNA biosensor for the detection of <i>Trichoderma harzianum</i> based on a gold electrode modified with a composite membrane made from an ionic liquid, ZnO nanoparticles and chitosan, and by using acridine orange as a redox indicator. <i>Mikrochimica Acta</i> , 2011, 172, 357-363.	2.5	24
56	Enhancement of DNA Immobilization and Hybridization on Gold Electrode Modified Using ZnO Nanoparticles/Chitosan Film. <i>Current Analytical Chemistry</i> , 2011, 7, 296-305.	0.6	5
57	DNA hybridization based on <i>Trichoderma harzianum</i> gene probe immobilization on self-assembled monolayers on a modified gold electrode. <i>Sensors and Actuators B: Chemical</i> , 2010, 147, 198-205.	4.0	21
58	Electrochemical DNA biosensor for the detection of specific gene related to <i>Trichoderma harzianum</i> species. <i>Bioelectrochemistry</i> , 2010, 79, 31-36.	2.4	32
59	Isozyme Analysis and Relationships Among Three Species in Malaysian <i>Trichoderma</i> Isolates. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 1266-1275.	0.9	8
60	Level in Allozyme Variations of Malaysian Isolates of <i>Trichoderma harzianum</i> and its Taxonomic Implications. <i>Research Journal of Microbiology</i> , 2007, 2, 717-726.	0.2	2
61	Water Sources Derived Bio Retting Effect on Kenaf Fiber Compositions. <i>Journal of Natural Fibers</i> , 0, , 1-14.	1.7	2