

shafiquzzaman Siddiquee

List of Publications by Year in descending order

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papers

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citations

304743

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61
all docs

61
docs citations

61
times ranked

2351
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	15.1	279
2	Separation and Identification of Volatile Compounds from Liquid Cultures of Trichoderma harzianum by GC-MS using Three Different Capillary Columns. Journal of Chromatographic Science, 2012, 50, 358-367.	1.4	118
3	Fucosylated chondroitin sulfate diversity in sea cucumbers: A review. Carbohydrate Polymers, 2014, 112, 173-178.	10.2	87
4	A review of recent advances in melamine detection techniques. Journal of Food Composition and Analysis, 2015, 43, 25-38.	3.9	87
5	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.	11.4	79
6	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.	3.5	65
7	Effective composting of empty fruit bunches using potential Trichoderma strains. Biotechnology Reports (Amsterdam, Netherlands), 2017, 13, 1-7.	4.4	64
8	Electrochemical sensor based rapid determination of melamine using ionic liquid/zinc oxide nanoparticles/chitosan/gold electrode. Food Control, 2016, 59, 801-808.	5.5	57
9	Extraction, Analytical and Advanced Methods for Detection of Allura Red AC (E129) in Food and Beverages Products. Frontiers in Microbiology, 2016, 7, 798.	3.5	56
10	Development of glucose biosensor based on ZnO nanoparticles film and glucose oxidase-immobilized eggshell membrane. Sensing and Bio-Sensing Research, 2015, 4, 46-56.	4.2	47
11	Nanoparticle-enhanced electrochemical biosensor with DNA immobilization and hybridization of Trichoderma harzianum gene. Sensing and Bio-Sensing Research, 2014, 2, 16-22.	4.2	46
12	Extraction and Analytical Methods for Determination of Sunset Yellow (E110)â€”a Review. Food Analytical Methods, 2017, 10, 773-787.	2.6	42
13	Highly sensitive electrochemical determination of sunset yellow in commercial food products based on CHIT/GO/MWCNTs/AuNPs/GCE. Food Control, 2017, 82, 66-73.	5.5	37
14	Development of Formaldehyde Biosensor for Determination of Formalin in Fish Samples; Malabar Red Snapper (Lutjanus malabaricus) and Longtail Tuna (Thunnus tonggol). Biosensors, 2016, 6, 32.	4.7	35
15	Toxicology, extraction and analytical methods for determination of Amaranth in food and beverage products. Trends in Food Science and Technology, 2017, 65, 68-79.	15.1	34
16	Electrochemical DNA biosensor for the detection of specific gene related to Trichoderma harzianum species. Bioelectrochemistry, 2010, 79, 31-36.	4.6	32
17	Separation and identification of hydrocarbons and other volatile compounds from cultures of Aspergillus niger by GC-MS using two different capillary columns and solvents. Journal of Saudi Chemical Society, 2015, 19, 243-256.	5.2	32
18	Recent Development and Environmental Applications of Nanocellulose-Based Membranes. Membranes, 2022, 12, 287.	3.0	31

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19	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.	3.9	28
20	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.	3.8	28
21	Recent Advancements on the Role and Analysis of Volatile Compounds (VOCs) from <i>Trichoderma</i> . , 2014, , 139-175.		25
22	Mushroom Quality Related with Various Substratesâ€™ Bioaccumulation and Translocation of Heavy Metals. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 42.	3.5	25
23	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.	5.0	24
24	Partial structural studies of fucosylated chondroitin sulfate (FuCS) using attenuated total reflection fourier transform infrared spectroscopy (ATR-FTIR) and chemometrics. <i>Vibrational Spectroscopy</i> , 2017, 89, 26-36.	2.2	24
25	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.	2.5	22
26	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.	7.8	21
27	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.	2.3	19
28	Nanotechnology Applications in Food: Opportunities and Challenges in Food Industry. , 2019, , 295-308.		18
29	Infectious Bronchitis Virus (Gammacoronavirus) in Poultry Farming: Vaccination, Immune Response and Measures for Mitigation. <i>Veterinary Sciences</i> , 2021, 8, 273.	1.7	17
30	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.	4.2	15
31	Valuable components of bambangan fruit (<i>Mangifera pajang</i>) and its co-products: A review. <i>Food Research International</i> , 2019, 115, 105-115.	6.2	14
32	Factor Influences for Diagnosis and Vaccination of Avian Infectious Bronchitis Virus (Gammacoronavirus) in Chickens. <i>Veterinary Sciences</i> , 2021, 8, 47.	1.7	13
33	Control of Plant Viral Diseases by CRISPR/Cas9: Resistance Mechanisms, Strategies and Challenges in Food Crops. <i>Plants</i> , 2021, 10, 1264.	3.5	13
34	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.	1.2	12
35	Electrochemical Behaviour of Real-Time Sensor for Determination Mercury in Cosmetic Products Based on PANI/MWCNTs/AuNPs/ITO. <i>Cosmetics</i> , 2021, 8, 17.	3.3	11
36	Efficacy of Entomopathogenic <i>Trichoderma</i> Isolates against Sugarcane Woolly Aphid, <i>Ceratovacuna lanigera</i> Zehntner (Hemiptera: Aphididae). <i>Horticulturae</i> , 2022, 8, 2.	2.8	11

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37	Characterization of Malaysian Trichoderma isolates using random amplified microsatellites (RAMS). <i>Molecular Biology Reports</i> , 2012, 39, 715-722.	2.3	10
38	Visual and Optical Absorbance Detection of Melamine in Milk by Melamine-Induced Aggregation of Gold Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 1142.	4.1	10
39	Identification patterns of Trichoderma strains using morphological characteristics, phylogenetic analyses and lignocellulolytic activities. <i>Molecular Biology Reports</i> , 2021, 48, 3285-3301.	2.3	10
40	Nutritional Composition and Sensory Evaluation of Cake Fortified with Moringa oleifera Leaf Powder and Ripe Banana Flour. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8474.	2.5	9
41	Microbial Metabolomics Interaction and Ecological Challenges of Trichoderma Species as Biocontrol Inoculant in Crop Rhizosphere. <i>Agronomy</i> , 2022, 12, 900.	3.0	9
42	Isozyme Analysis and Relationships Among Three Species in Malaysian Trichoderma Isolates. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 1266-1275.	2.1	8
43	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.	2.6	6
44	Nanotechnology: Recent Trends in Food Safety, Quality and Market Analysis. , 2019, , 283-293.		6
45	Morphology-Based Characterization of Trichoderma Species. <i>Fungal Biology</i> , 2017, , 41-73.	0.6	6
46	Enhancement of DNA Immobilization and Hybridization on Gold Electrode Modified Using ZnO Nanoparticles/Chitosan Film. <i>Current Analytical Chemistry</i> , 2011, 7, 296-305.	1.2	5
47	Genetic variation in the mitochondrial genome of the giant grouper <i>Epinephelus lanceolatus</i> (Bloch,) Tj ETQq1 1 0.784314 rgBT /Overbo 1.7		5
48	Critical Factors for Optimum Biodegradation of Bast Fiber's Gums in Bacterial Retting. <i>Fibers</i> , 2021, 9, 52.	4.0	5
49	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.	0.7	4
50	Lignocellulolytic Activities among Trichoderma Isolates from Lahad Datu, Sabah and Deception Island, Antarctic. <i>Journal of Microbial & Biochemical Technology</i> , 2014, 06, .	0.2	3
51	Augmented Retting Effect on Kenaf Fibers Using Alkalophilic Pectinase-Producing Bacteria in Combination with Water Solvents. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7136.	2.5	3
52	Fungal Volatile Organic Compounds: Emphasis on Their Plant Growth-Promoting. , 2017, , 313-333.		2
53	Water Sources Derived Bio Retting Effect on Kenaf Fiber Compositions. <i>Journal of Natural Fibers</i> , 0, , 1-14.	3.1	2
54	Level in Allozyme Variations of Malaysian Isolates of Trichoderma harzianum and its Taxonomic Implications. <i>Research Journal of Microbiology</i> , 2007, 2, 717-726.	0.2	2

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55	A Novel Unsupervised Spectral Clustering for Pure-Tone Audiograms towards Hearing Aid Filter Bank Design and Initial Configurations. Applied Sciences (Switzerland), 2022, 12, 298.	2.5	2
56	Impact of yellow mite (Polyphagotarsonemus latus[Banks]) density on host's (Corchorus capsularisâ€¦L.) phenology and assessment of yield loss under field conditions. Entomological Research, 2013, 43, 243-252.	1.1	1
57	Analytical and advanced methods-based determination of melamine in food products. , 2017, , 339-390.		1
58	Comparing interfertility data with random amplified microsatellites DNA (RAMS) studies in Ganoderma Karst. Taxonomy. Molecular Biology Reports, 2012, 39, 2861-2866.	2.3	0
59	12. Fungal cell factories and their applications. , 2016, , 269-308.		0
60	Draft genome sequence of the basidiomycetous fungus Tinctoporellus epimiltinus strain RS1. Data in Brief, 2019, 23, 103796.	1.0	0
61	Acetylcholinesterase (AChE) Biosensors for Determination of Carbamate Pesticides. , 2019, , 361-375.		0