Tofazzal Islam

List of Publications by Year in descending order

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219 papers	6,566 citations	66234 42 h-index	95083 68 g-index
241 all docs	241 docs citations	241 times ranked	7195 citing authors

#	Article	IF	Citations
1	Targeting Estrogen Signaling in the Radiation-induced Neurodegeneration: A Possible Role of Phytoestrogens. Current Neuropharmacology, 2023, 21, 353-379.	1.4	5
2	First Report of Fusarium sacchari Causing Sugarcane Wilt in Bangladesh. Plant Disease, 2022, 106, 319.	0.7	4
3	First Report of Collar and Root Rot of Faba Bean Caused by Rhizoctonia solani AG-2-2 IIIB in Bangladesh. Plant Disease, 2022, 106, 1072.	0.7	2
4	CRISPR-Cas9-mediated genome editing technology for abiotic stress tolerance in crop plant. , 2022, , 331-354.		4
5	Heavy metals contamination and associated health risks in food websâ€"a review focuses on food safety and environmental sustainability in Bangladesh. Environmental Science and Pollution Research, 2022, 29, 3230-3245.	2.7	49
6	Morphomolecular and cultural characteristics and host range of Lasiodiplodia theobromae causing stem canker disease in dragon fruit. Journal of Basic Microbiology, 2022, 62, 689-700.	1.8	2
7	Enhanced Nutrient Accumulation in Non-leguminous Crop Plants by the Application of Endophytic Bacteria Bacillus Species. Bacilli in Climate Resilient Agriculture and Bioprospecting, 2022, , 349-364.	0.6	1
8	Current Understanding and Future Directions of Biocontrol of Plant Diseases by Bacillus spp., with Special Reference to Induced Systemic Resistance. Bacilli in Climate Resilient Agriculture and Bioprospecting, 2022, , 127-150.	0.6	4
9	Bacillus thuringiensis Proteins: Structure, Mechanism and Biological Control of Insect Pests. Bacilli in Climate Resilient Agriculture and Bioprospecting, 2022, , 581-608.	0.6	3
10	Mechanisms of the Beneficial Effects of Probiotic Bacillus spp. in Aquaculture. Bacilli in Climate Resilient Agriculture and Bioprospecting, 2022, , 453-486.	0.6	4
11	Oryzae pathotype of Magnaporthe oryzae can cause typical blast disease symptoms on both leaves and spikes of wheat under a growth room condition. Phytopathology Research, 2022, 4, .	0.9	4
12	A pilot study for enhanced transformation of a metabolite 3,5-dichloroaniline derived from dicarboximide fungicides through immobilized laccase mediator system. Environmental Science and Pollution Research, 2022, 29, 52857-52872.	2.7	5
13	Dietary Inclusion of Garlic (Allium Sativum) Extract Enhances Growth and Resistance of Rohu (Labeo) Tj ETQq1 1 0.784314 rgBT /Ove	0.2	1
14	Wheat variety carrying 2NvS chromosomal segment provides yield advantage through lowering terminal heatâ€"induced oxidative stress. Protoplasma, 2022, , 1.	1.0	2
15	Molecular pharmacology and therapeutic advances of the pentacyclic triterpene lupeol. Phytomedicine, 2022, 99, 154012.	2.3	21
16	Nanopesticides for crop protection. , 2022, , 389-438.		3
17	Marine Natural Product Antimycin A Suppresses Wheat Blast Disease Caused by Magnaporthe oryzae Triticum. Journal of Fungi (Basel, Switzerland), 2022, 8, 618.	1.5	10
18	Natural Protein Kinase Inhibitors, Staurosporine, and Chelerythrine Suppress Wheat Blast Disease Caused by Magnaporthe oryzae Triticum. Microorganisms, 2022, 10, 1186.	1.6	7

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19	Involvement of Enterococcus species in streptococcosis of Nile tilapia in Bangladesh. Aquaculture, 2021, 531, 735790.	1.7	14
20	First Report of Basal Rot of Dragon Fruit Caused by Fusarium oxysporum in Bangladesh. Plant Disease, 2021, 105, 218.	0.7	6
21	Principle, diversity, mechanism, and potential of practical application of plant probiotic bacteria for the biocontrol of phytopathogens by induced systemic resistance. , 2021, , 75-94.		1
22	Gene editing in filamentous fungi and oomycetes using CRISPR-Cas technology. , 2021, , 723-753.		1
23	Challenges in medical waste management amid COVID-19 pandemic in a megacity Dhaka. Journal of Advanced Biotechnology and Experimental Therapeutics, 2021, 4, 106.	0.4	6
24	Consequences and Mitigation Strategies of Abiotic Stresses in Wheat (Triticum aestivum L.) under the Changing Climate. Agronomy, 2021, 11, 241.	1.3	93
25	Arbuscular Mycorrhizal Fungi: The Natural Biotechnological Tools for Sustainable Crop Production Under Saline Soils in the Modern Era of Climate Change. , 2021, , 373-401.		1
26	Neglected and Underutilized Crop Species: Are They Future Smart Crops in Fighting Poverty, Hunger and Malnutrition Under Changing Climate?. , 2021, , 1-50.		6
27	In Silico Analysis of gRNA Secondary Structure to Predict Its Efficacy for Plant Genome Editing. Springer Protocols, 2021, , 15-22.	0.1	3
28	Physiological and Biochemical Dissection Reveals a Trade-Off between Antioxidant Capacity and Heat Tolerance in Bread Wheat (Triticum aestivum L.). Antioxidants, 2021, 10, 351.	2.2	14
29	Selenium Biofortification: Roles, Mechanisms, Responses and Prospects. Molecules, 2021, 26, 881.	1.7	112
30	Assessment of Heavy Metals in the Sediments of Chalan Beel Wetland Area in Bangladesh. Processes, 2021, 9, 410.	1.3	7
31	Plant endophytic yeasts Pichia fermentans and Meyerozyma caribbica improve growth, biochemical composition, haematological parameters and morphology of internal organs of premature Barbonymus gonionotus. Aquaculture Reports, 2021, 19, 100575.	0.7	5
32	Choice of assemblers has a critical impact on de novo assembly of SARS-CoV-2 genome and characterizing variants. Briefings in Bioinformatics, 2021, 22, .	3.2	10
33	Zerovalent Iron Modulates the Influence of Arsenic-Contaminated Soil on Growth, Yield and Grain Quality of Rice. Stresses, 2021, 1, 90-104.	1.8	2
34	Bacilli as sources of agrobiotechnology: recent advances and future directions. Green Chemistry Letters and Reviews, 2021, 14, 246-271.	2.1	27
35	Characterization of Sclerotium rolfsii Causing Root Rot of Sugar Beet in Bangladesh. Sugar Tech, 2021, 23, 1199-1205.	0.9	11
36	Fabrication of highly and poorly oxidized silver oxide/silver/tin(IV) oxide nanocomposites and their comparative anti-pathogenic properties towards hazardous food pathogens. Journal of Hazardous Materials, 2021, 408, 124896.	6.5	14

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37	Identification of Rice Blast Loss-of-Function Mutant Alleles in the Wheat Genome as a New Strategy for Wheat Blast Resistance Breeding. Frontiers in Genetics, 2021, 12, 623419.	1.1	9
38	Biological and biorational management of blast diseases in cereals caused by Magnaporthe oryzae. Critical Reviews in Biotechnology, 2021, 41, 994-1022.	5.1	31
39	Gut probiotic bacteria of Barbonymus gonionotus improve growth, hematological parameters and reproductive performances of the host. Scientific Reports, 2021, 11, 10692.	1.6	19
40	Diversity and genomic determinants of the microbiomes associated with COVID-19 and non-COVID respiratory diseases. Gene Reports, 2021, 23, 101200.	0.4	25
41	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis. Microbial Pathogenesis, 2021, 156, 104941.	1.3	59
42	Advances in Genomics Approaches Shed Light on Crop Domestication. Plants, 2021, 10, 1571.	1.6	1
43	Biocontrol agent, biofumigation, and grafting with resistant rootstock suppress soil-borne disease and improve yield of tomato in West Virginia. Crop Protection, 2021, 145, 105630.	1.0	18
44	Remediation of chemical pesticides from contaminated sites through potential microorganisms and their functional enzymes: Prospects and challenges. Environmental Technology and Innovation, 2021, 23, 101777.	3.0	49
45	Uncertainty of pesticides in foodstuffs, associated environmental and health risks to humansâ€”a critical case of Bangladesh with respect to global food policy. Environmental Science and Pollution Research, 2021, 28, 54448-54465.	2.7	14
46	Characterization of Pestalotiopsis sp. causing gray leaf spot in coconut (Cocos nucifera) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.8	3
47	Hydrogen peroxide detoxifying enzymes show different activity patterns in host and non-host plant interactions with Magnaporthe oryzae Triticum pathotype. Physiology and Molecular Biology of Plants, 2021, 27, 2127-2139.	1.4	8
48	Prospects of Nanotechnology in Improving the Productivity and Quality of Horticultural Crops. Horticulturae, 2021, 7, 332.	1.2	48
49	Enterococcus faecalis involved in streptococcosis like infection in silver barb (Barbonymus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.7	5
50	Cellular Senescence and COVID-19. Coronaviruses, 2021, 2, .	0.2	0
51	Boosting animal performance, immune index and antioxidant status in post-weaned bull calves through dietary augmentation of selective traditional medicinal plants. Veterinary and Animal Science, 2021, 14, 100197.	0.6	2
52	Identification of marine sponge-associated bacteria of the Saint Martin's island of the Bay of Bengal emphasizing on the prevention of motile Aeromonas septicemia in Labeo rohita. Aquaculture, 2021, 545, 737156.	1.7	20
53	Silicon and selenium transporters in plants under abiotic stresses. , 2021, , 87-116.		2
54	Regulation of proline transporters in salt stress response in plants. , 2021, , 291-306.		1

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55	Rapid Detection of Wheat Blast Pathogen Magnaporthe oryzae Triticum Pathotype Using Genome-Specific Primers and Cas12a-mediated Technology. Engineering, 2021, 7, 1326-1335.	3.2	26
56	Exogenous Application of Methyl Jasmonate and Salicylic Acid Mitigates Drought-Induced Oxidative Damages in French Bean (Phaseolus vulgaris L.). Plants, 2021, 10, 2066.	1.6	24
57	Prospect and Challenges for Sustainable Management of Climate Change-Associated Stresses to Soil and Plant Health by Beneficial Rhizobacteria. Stresses, 2021, 1, 200-222.	1.8	18
58	Dietary chitosan promotes the growth, biochemical composition, gut microbiota, hematological parameters and internal organ morphology of juvenile Barbonymus gonionotus. PLoS ONE, 2021, 16, e0260192.	1.1	9
59	Application of Nanomaterials to Ensure Quality and Nutritional Safety of Food. Journal of Nanomaterials, 2021, 2021, 1-19.	1.5	14
60	SARS-CoV-2 infection reduces human nasopharyngeal commensal microbiome with inclusion of pathobionts. Scientific Reports, 2021, 11, 24042.	1.6	32
61	Alternaria leaf spot of broccoli caused by Alternaria alternata in Bangladesh. Plant Protection Science, 2021, 58, 49-56.	0.7	5
62	Revisiting the plant growth-promoting rhizobacteria: lessons from the past and objectives for the future. Archives of Microbiology, 2020, 202, 665-676.	1.0	60
63	Tackling the Covid-19 Pandemic: The Bangladesh Perspective. Journal of Public Health Research, 2020, 9, jphr.2020.1794.	0.5	79
64	Mobilizing Crop Biodiversity. Molecular Plant, 2020, 13, 1341-1344.	3.9	50
65	Wheat blast: a new threat to food security. Phytopathology Research, 2020, 2, .	0.9	49
66	Suitable methods for isolation, culture, storage and identification of wheat blast fungus Magnaporthe oryzae Triticum pathotype. Phytopathology Research, 2020, 2, .	0.9	13
67	Oligomycins inhibit Magnaporthe oryzae Triticum and suppress wheat blast disease. PLoS ONE, 2020, 15, e0233665.	1.1	20
68	Mechanism of Plant Growth Promotion and Disease Suppression by Chitosan Biopolymer. Agriculture (Switzerland), 2020, 10, 624.	1.4	77
69	Whole-Genome Sequence of Bacillus subtilis WS1A, a Promising Fish Probiotic Strain Isolated from Marine Sponge of the Bay of Bengal. Microbiology Resource Announcements, 2020, 9, .	0.3	16
70	Whole-Genome Sequence of a Plant Growth-Promoting Strain, Serratia marcescens BTL07, Isolated from the Rhizoplane of Capsicum annuum L. Microbiology Resource Announcements, 2020, 9, .	0.3	6
71	Modulation of Nutritional and Biochemical Properties of Wheat Grains Infected by Blast Fungus Magnaporthe oryzae Triticum Pathotype. Frontiers in Microbiology, 2020, 11, 1174.	1.5	17
72	Inhibitory Effects of Linear Lipopeptides From a Marine Bacillus subtilis on the Wheat Blast Fungus Magnaporthe oryzae Triticum. Frontiers in Microbiology, 2020, 11, 665.	1.5	208

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73	Whole-Genome Sequence of Fish-Pathogenic Enterococcus faecalis Strain BFFF11. Microbiology Resource Announcements, 2020, 9, .	0.3	8
74	Wide Horizons of CRISPR-Cas-Derived Technologies for Basic Biology, Agriculture, and Medicine. Springer Protocols, 2020, , 1-23.	0.1	15
75	Application of Nanotechnology for Sustainable Crop Production Systems. Nanotechnology in the Life Sciences, 2020, , 135-159.	0.4	11
76	Morphological, Physiobiochemical and Molecular Adaptability of Legumes of Fabaceae to Drought Stress, with Special Reference to Medicago Sativa L.. , 2020, , 289-317.		5
77	Genomic diversity and evolution, diagnosis, prevention, and therapeutics of the pandemic COVID-19 disease. PeerJ, 2020, 8, e9689.	0.9	34
78	Genetic Analysis Reveals a Major Effect QTL Associated with High Grain Zinc Content in Rice (<i>Oryza) Tj ETQq0 0 0 rgBT /Overlock 10	0.3	3
79	CRISPR-Cas9-Mediated Gene Editing in Wheat: A Step-by-Step Protocol. Springer Protocols, 2020, , 203-222.	0.1	2
80	Nutrient Management for Improving Abiotic Stress Tolerance in Legumes of the Family Fabaceae. , 2020, , 393-415.		6
81	Oligomycins inhibit Magnaporthe oryzae Triticum and suppress wheat blast disease. , 2020, 15, e0233665.		0
82	Oligomycins inhibit Magnaporthe oryzae Triticum and suppress wheat blast disease. , 2020, 15, e0233665.		0
83	Oligomycins inhibit Magnaporthe oryzae Triticum and suppress wheat blast disease. , 2020, 15, e0233665.		0
84	Oligomycins inhibit Magnaporthe oryzae Triticum and suppress wheat blast disease. , 2020, 15, e0233665.		0
85	Oligomycins inhibit Magnaporthe oryzae Triticum and suppress wheat blast disease. , 2020, 15, e0233665.		0
86	Oligomycins inhibit Magnaporthe oryzae Triticum and suppress wheat blast disease. , 2020, 15, e0233665.		0
87	Jute-derived microporous/mesoporous carbon with ultra-high surface area using a chemical activation process. Microporous and Mesoporous Materials, 2019, 274, 251-256.	2.2	47
88	Wheat Blast in Bangladesh: The Current Situation and Future Impacts. Plant Pathology Journal, 2019, 35, 1-10.	0.7	79
89	Acetic acid: a cost-effective agent for mitigation of seawater-induced salt toxicity in mung bean. Scientific Reports, 2019, 9, 15186.	1.6	67
90	Cytotoxic and anti-inflammatory resorcinol and alkylbenzoquinone derivatives from the leaves of Ardisia sieboldii. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2019, 74, 303-311.	0.6	11

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91	First Report of Dragon Fruit Stem Canker Caused by Lasiodiplodia theobromae in Bangladesh. Plant Disease, 2019, 103, 2686.	0.7	5
92	Plant health emergencies demand open science: Tackling a cereal killer on the run. PLoS Biology, 2019, 17, e3000302.	2.6	28
93	Toward Efficient Land Cover Mapping: An Overview of the National Land Representation System and Land Cover Map 2015 of Bangladesh. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3852-3861.	2.3	17
94	Identification and application of a fungal biocontrol agent Cladosporium cladosporioides against Bemisia tabaci. Biotechnology and Biotechnological Equipment, 2019, 33, 1698-1705.	0.5	13
95	First Report of Fusarium Wilt Caused by Fusarium oxysporum on Strawberry in Bangladesh. Plant Disease, 2019, 103, 367.	0.7	6
96	First Report of Anthracnose Crown Rot of Strawberry Caused by Colletotrichum siamense in Rajshahi District of Bangladesh. Plant Disease, 2019, 103, 580-580.	0.7	10
97	Cautionary Notes on Use of the MoT3 Diagnostic Assay for Magnaporthe oryzae Wheat and Rice Blast Isolates. Phytopathology, 2019, 109, 504-508.	1.1	23
98	Genomics and Post-genomics Approaches for Elucidating Molecular Mechanisms of Plant Growth-Promoting Bacilli. Bacilli in Climate Resilient Agriculture and Bioprospecting, 2019, , 161-200.	0.6	6
99	Tapping the Potential of Metabolomics in New Natural Products Discovery from Bacillus Species. Bacilli in Climate Resilient Agriculture and Bioprospecting, 2019, , 201-215.	0.6	2
100	Probiotic Bacilli in Sustainable Aquaculture. Bacilli in Climate Resilient Agriculture and Bioprospecting, 2019, , 305-335.	0.6	4
101	Beneficial Effects of Weed Endophytic Bacteria: Diversity and Potentials of Their Usage in Sustainable Agriculture. , 2019, , 349-364.		2
102	Pyricularia graminisâ€tritici is not the correct species name for the wheat blast fungus: response to Ceresini etÂal. (MPP 20:2). Molecular Plant Pathology, 2019, 20, 173-179.	2.0	42
103	Application of CRISPR-Cas Genome Editing Tools for the Improvement of Plant Abiotic Stress Tolerance. , 2019, , 459-472.		6
104	Molecular Identification of Vibrio alginolyticus Causing Vibriosis in Shrimp and Its Herbal Remedy. Polish Journal of Microbiology, 2019, 68, 429-438.	0.6	19
105	Simultaneous Detection of <i>Colletotrichum acutatum</i> and <i>C. gloeosporioides</i> from Quiescently Infected Strawberry Foliage by Real-Time PCR Based on High Resolution Melt Curve Analysis. American Journal of Plant Sciences, 2019, 10, 382-401.	0.3	5
106	Chitosan biostimulant controls infection of cucumber by Phytophthora capsici through suppression of asexual reproduction of the pathogen. Acta Agrobotanica, 2019, 72, .	1.0	13
107	Chitosan biopolymer improves the fruit quality of litchi (Litchi chinensis Sonn.). Acta Agrobotanica, 2019, 72, .	1.0	9
108	Drought Stress Tolerance in Wheat: Omics Approaches in Understanding and Enhancing Antioxidant Defense. , 2018, , 267-307.		21

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109	Omics-Based Strategies for Improving Salt Tolerance in Maize (Zea mays L.). , 2018, , 243-266.		5
110	Endophytic Bacillus spp. from medicinal plants inhibit mycelial growth of Sclerotinia sclerotiorum and promote plant growth. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2018, 73, 247-256.	0.6	25
111	Pseudomonas and Burkholderia inhibit growth and asexual development of Phytophthora capsici. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2018, 73, 123-135.	0.6	12
112	Plant probiotic bacteria Bacillus and Paraburkholderia improve growth, yield and content of antioxidants in strawberry fruit. Scientific Reports, 2018, 8, 2504.	1.6	141
113	Anti-Staphylococcal Calopins from Fruiting Bodies of Caloboletus radicans. Journal of Natural Products, 2018, 81, 400-404.	1.5	6
114	Anthraquinones and flavanols isolated from the vegetable herb Rumex abyssinicus inhibit motility of Phytophthora capsici zoospores. South African Journal of Botany, 2018, 115, 1-4.	1.2	11
115	Phenotypic divergence in vegetable amaranth for total antioxidant capacity, antioxidant profile, dietary fiber, nutritional and agronomic traits. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2018, 68, 67-76.	0.3	31
116	Preparation of Ultraviolet Curing Type Silicone Rubbers Containing Mesoporous Silica Fillers. Journal of Nanoscience and Nanotechnology, 2018, 18, 86-89.	0.9	4
117	Salinity stress accelerates nutrients, dietary fiber, minerals, phytochemicals and antioxidant activity in Amaranthus tricolor leaves. PLoS ONE, 2018, 13, e0206388.	1.1	113
118	Chitosan biopolymer promotes yield and stimulates accumulation of antioxidants in strawberry fruit. PLoS ONE, 2018, 13, e0203769.	1.1	99
119	Glucose isomerization catalyzed by bone char and the selective production of 5-hydroxymethylfurfural in aqueous media. Sustainable Energy and Fuels, 2018, 2, 2148-2153.	2.5	35
120	Variability in total antioxidant capacity, antioxidant leaf pigments and foliage yield of vegetable amaranth. Journal of Integrative Agriculture, 2018, 17, 1145-1153.	1.7	74
121	High surface area nanoporous carbon derived from high quality jute from Bangladesh. Materials Chemistry and Physics, 2018, 216, 491-495.	2.0	24
122	Mussel-Inspired Immobilization of Silver Nanoparticles toward Antimicrobial Cellulose Paper. ACS Sustainable Chemistry and Engineering, 2018, 6, 9178-9188.	3.2	99
123	Application of CRISPR/Cas9 Genome Editing Technology for the Improvement of Crops Cultivated in Tropical Climates: Recent Progress, Prospects, and Challenges. Frontiers in Plant Science, 2018, 9, 617.	1.7	149
124	Attitude and consumption of Bangladeshi professionals toward biotechnological products. Agriculture and Food Security, 2018, 7, .	1.6	2
125	A Novel Method for the Pentosan Analysis Present in Jute Biomass and Its Conversion into Sugar Monomers Using Acidic Ionic Liquid. Journal of Visualized Experiments, 2018, , .	0.2	4
126	Tuning Wall Thicknesses in Mesoporous Silica Films for Optimization of Optical Anti-Reflective Properties. Journal of Nanoscience and Nanotechnology, 2018, 18, 100-103.	0.9	5

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127	Antioxidant leaf pigments and variability in vegetable amaranth. Genetika, 2018, 50, 209-220.	0.1	53
128	Co-inoculation with Enterobacter and Rhizobacteria on Yield and Nutrient Uptake by Wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 T Regulation, 2017, 36, 608-617.	2.8	159
129	Metabolites from the Endophytic Fungus Curvularia sp. M12 Act as Motility Inhibitors against Phytophthora capsici Zoospores. Journal of Natural Products, 2017, 80, 347-355.	1.5	32
130	Molecular Identification of Multiple Antibiotic Resistant Fish Pathogenic Enterococcus faecalis and their Control by Medicinal Herbs. Scientific Reports, 2017, 7, 3747.	1.6	47
131	Mesoporous metallic rhodium nanoparticles. Nature Communications, 2017, 8, 15581.	5.8	214
132	Chitosan and plant probiotics application enhance growth and yield of strawberry. Biocatalysis and Agricultural Biotechnology, 2017, 11, 9-18.	1.5	57
133	Gold Nanoparticles Supported on Mesoporous Titania Thin Films with High Loading as a CO Oxidation Catalyst. Chemistry - an Asian Journal, 2017, 12, 877-881.	1.7	7
134	Synthesis of MOFâ€525 Derived Nanoporous Carbons with Different Particle Sizes for Supercapacitor Application. Chemistry - an Asian Journal, 2017, 12, 2857-2862.	1.7	52
135	Direct Production of Furfural in One-pot Fashion from Raw Biomass Using BrÃ¸nsted Acidic Ionic Liquids. Scientific Reports, 2017, 7, 13508.	1.6	82
136	Tethering mesoporous Pd nanoparticles to reduced graphene oxide sheets forms highly efficient electrooxidation catalysts. Journal of Materials Chemistry A, 2017, 5, 21249-21256.	5.2	32
137	Enhancement of Growth and Grain Yield of Rice in Nutrient Deficient Soils by Rice Probiotic Bacteria. Rice Science, 2017, 24, 264-273.	1.7	49
138	Mesostructured fullerene crystals through inverse polymeric micelle assembly. Materials Letters, 2017, 209, 272-275.	1.3	3
139	A Simple Approach to Generate Hollow Carbon Nanospheres Loaded with Uniformly Dispersed Metal Nanoparticles. European Journal of Inorganic Chemistry, 2017, 2017, 5413-5416.	1.0	3
140	Sea Cucumber Glycosides: Chemical Structures, Producing Species and Important Biological Properties. Marine Drugs, 2017, 15, 317.	2.2	58
141	Genotypic diversity in vegetable amaranth for antioxidant, nutrient and agronomic traits. Indian Journal of Genetics and Plant Breeding, 2017, 77, 173.	0.2	58
142	Morpho-physiological characterization of soybean genotypes under subtropical environment. Genetika, 2017, 49, 297-311.	0.1	1
143	Genetic variation and interrelationships among antioxidant,quality, and agronomic traits in vegetable amaranth. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2016, 40, 526-535.	0.8	48
144	Medicinal plant extracts and protein kinase C inhibitor suppress zoosporogenesis and impair motility of Phytophthora capsici zoospores. Plant Protection Science, 2016, 52, 113-122.	0.7	4

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145	Inhibitory Effects of Macrotetrolides from Streptomyces spp. On Zoosporogenesis and Motility of Peronosporomycete Zoospores Are Likely Linked with Enhanced ATPase Activity in Mitochondria. Frontiers in Microbiology, 2016, 7, 1824.	1.5	24
146	A New Lactone from Chaetomium globosum Strain M65 that Inhibits the Motility of Zoospores. Natural Product Communications, 2016, 11, 1934578X1601101.	0.2	0
147	Oligomycins and pamamycin homologs impair motility and induce lysis of zoospores of the grapevine downy mildew pathogen,Plasmopara viticola. FEMS Microbiology Letters, 2016, 363, fnw167.	0.7	11
148	Growth Promotion of Nonlegumes by the Inoculation of Bacillus Species. , 2016, , 57-76.		1
149	Emergence of wheat blast in Bangladesh was caused by a South American lineage of Magnaporthe oryzae. BMC Biology, 2016, 14, 84.	1.7	355
150	Inhibitory effects of Pseudomonas spp. on plant pathogen Phytophthora capsici in vitro and in planta. Biocatalysis and Agricultural Biotechnology, 2016, 5, 69-77.	1.5	29
151	Does Chitosan Extend the Shelf Life of Fruits?. Advances in Bioscience and Biotechnology (Print), 2016, 07, 337-342.	0.3	6
152	Dietary effects of chitosan and buckwheat (Fagopyrum esculentum) on the performance and serum lipid profile of broiler chicks. South African Journal of Animal Sciences, 2015, 45, 429.	0.2	7
153	Isolation and characterization of arsenic resistant soil bacteria and their effects on germination of rice under arsenic contamination. Research in Agriculture, Livestock and Fisheries, 2015, 2, 229-237.	0.1	0
154	Gageopeptins A and B, new inhibitors of zoospore motility of the phytopathogen Phytophthora capsici from a marine-derived bacterium Bacillus sp. 109GGC020. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3325-3329.	1.0	16
155	Macrocyclic Trichothecenes from Myrothecium roridum Strain M10 with Motility Inhibitory and Zoosporicidal Activities against Phytophthora nicotianae. Journal of Agricultural and Food Chemistry, 2015, 63, 8777-8786.	2.4	20
156	Isolation and Identification of Plant Growth Promoting Rhizobacteria from Cucumber Rhizosphere and Their Effect on Plant Growth Promotion and Disease Suppression. Frontiers in Microbiology, 2015, 6, 1360.	1.5	265
157	Genotype variability in composition of antioxidant vitamins and minerals in vegetable amaranth. Genetika, 2015, 47, 85-96.	0.1	59
158	Variability, heritability and genetic association in vegetable amaranth (Amaranthus tricolor L.). Spanish Journal of Agricultural Research, 2015, 13, e0702.	0.3	61
159	Gageotetrins Aâ€“C, Noncytotoxic Antimicrobial Linear Lipopeptides from a Marine Bacterium Bacillus subtilis. Organic Letters, 2014, 16, 928-931.	2.4	65
160	Molecular identification and virulence of six isolates of Metarhizium anisopliae (Deuteromycotina:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	12
161	Non-cytotoxic Antifungal Agents: Isolation and Structures of Gageopeptides Aâ€“D from a Bacillus Strain 109GGC020. Journal of Agricultural and Food Chemistry, 2014, 62, 5565-5572.	2.4	31
162	Banchromene and other secondary metabolites from the endophytic fungus Fusarium sp. obtained from Piper guineense inhibit the motility of phytopathogenic Plasmopara viticola zoospores. Tetrahedron Letters, 2014, 55, 4057-4061.	0.7	10

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163	Phosphate solubilizing bacteria promote growth and enhance nutrient uptake by wheat. Plant Science Today, 2014, 1, 86-93.	0.4	33
164	Management of Rhizosphere Microorganisms in Relation to Plant Nutrition and Health. , 2014, , 120-137.		1
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