

# 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	Emergence of wheat blast in Bangladesh was caused by a South American lineage of <i>Magnaporthe oryzae</i> . <i>BMC Biology</i> , 2016, 14, 84.	1.7	355
2	Isolation and Identification of Plant Growth Promoting Rhizobacteria from Cucumber Rhizosphere and Their Effect on Plant Growth Promotion and Disease Suppression. <i>Frontiers in Microbiology</i> , 2015, 6, 1360.	1.5	265
3	Suppression of Damping-Off Disease in Host Plants by the Rhizoplane Bacterium <i>Lysobacter</i> sp. Strain SB-K88 Is Linked to Plant Colonization and Antibiosis against Soilborne Peronosporomycetes. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3786-3796.	1.4	216
4	Mesoporous metallic rhodium nanoparticles. <i>Nature Communications</i> , 2017, 8, 15581.	5.8	214
5	Inhibitory Effects of Linear Lipopeptides From a Marine <i>Bacillus subtilis</i> on the Wheat Blast Fungus <i>Magnaporthe oryzae</i> Triticum. <i>Frontiers in Microbiology</i> , 2020, 11, 665.	1.5	208
6	Diversity of Secondary Metabolites from Marine <i>Bacillus</i> Species: Chemistry and Biological Activity. <i>Marine Drugs</i> , 2013, 11, 2846-2872.	2.2	177
7	Brucellosis in low-income and middle-income countries. <i>Current Opinion in Infectious Diseases</i> , 2013, 26, 404-412.	1.3	174
8	Co-inoculation with <i>Enterobacter</i> and Rhizobacteria on Yield and Nutrient Uptake by Wheat ( <i>Triticum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T Regulation, 2017, 36, 608-617.	2.8	159
9	Application of CRISPR/Cas9 Genome Editing Technology for the Improvement of Crops Cultivated in Tropical Climates: Recent Progress, Prospects, and Challenges. <i>Frontiers in Plant Science</i> , 2018, 9, 617.	1.7	149
10	Plant probiotic bacteria <i>Bacillus</i> and <i>Paraburkholderia</i> improve growth, yield and content of antioxidants in strawberry fruit. <i>Scientific Reports</i> , 2018, 8, 2504.	1.6	141
11	Combining predictions in pairwise classification: An optimal adaptive voting strategy and its relation to weighted voting. <i>Pattern Recognition</i> , 2010, 43, 128-142.	5.1	117
12	Salinity stress accelerates nutrients, dietary fiber, minerals, phytochemicals and antioxidant activity in <i>Amaranthus tricolor</i> leaves. <i>PLoS ONE</i> , 2018, 13, e0206388.	1.1	113
13	Selenium Biofortification: Roles, Mechanisms, Responses and Prospects. <i>Molecules</i> , 2021, 26, 881.	1.7	112
14	Chitosan biopolymer promotes yield and stimulates accumulation of antioxidants in strawberry fruit. <i>PLoS ONE</i> , 2018, 13, e0203769.	1.1	99
15	Mussel-Inspired Immobilization of Silver Nanoparticles toward Antimicrobial Cellulose Paper. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9178-9188.	3.2	99
16	Consequences and Mitigation Strategies of Abiotic Stresses in Wheat ( <i>Triticum aestivum</i> L.) under the Changing Climate. <i>Agronomy</i> , 2021, 11, 241.	1.3	93
17	Matching pursuit and atomic signal models based on recursive filter banks. <i>IEEE Transactions on Signal Processing</i> , 1999, 47, 1890-1902.	3.2	90
18	Direct Production of Furfural in One-pot Fashion from Raw Biomass Using Brønsted Acidic Ionic Liquids. <i>Scientific Reports</i> , 2017, 7, 13508.	1.6	82

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19	Wheat Blast in Bangladesh: The Current Situation and Future Impacts. <i>Plant Pathology Journal</i> , 2019, 35, 1-10.	0.7	79
20	Tackling the Covid-19 Pandemic: The Bangladesh Perspective. <i>Journal of Public Health Research</i> , 2020, 9, jphr.2020.1794.	0.5	79
21	Mechanism of Plant Growth Promotion and Disease Suppression by Chitosan Biopolymer. <i>Agriculture (Switzerland)</i> , 2020, 10, 624.	1.4	77
22	Variability in total antioxidant capacity, antioxidant leaf pigments and foliage yield of vegetable amaranth. <i>Journal of Integrative Agriculture</i> , 2018, 17, 1145-1153.	1.7	74
23	Dihydroflavonols from <i>Lanea coromandelica</i> . <i>Phytochemistry</i> , 2000, 54, 901-907.	1.4	69
24	Acetic acid: a cost-effective agent for mitigation of seawater-induced salt toxicity in mung bean. <i>Scientific Reports</i> , 2019, 9, 15186.	1.6	67
25	Gageotetrins Aâ€“C, Noncytotoxic Antimicrobial Linear Lipopeptides from a Marine Bacterium <i>Bacillus subtilis</i> . <i>Organic Letters</i> , 2014, 16, 928-931.	2.4	65
26	Variability, heritability and genetic association in vegetable amaranth ( <i>Amaranthus tricolor</i> L.). <i>Spanish Journal of Agricultural Research</i> , 2015, 13, e0702.	0.3	61
27	Revisiting the plant growth-promoting rhizobacteria: lessons from the past and objectives for the future. <i>Archives of Microbiology</i> , 2020, 202, 665-676.	1.0	60
28	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis. <i>Microbial Pathogenesis</i> , 2021, 156, 104941.	1.3	59
29	Genotype variability in composition of antioxidant vitamins and minerals in vegetable amaranth. <i>Genetika</i> , 2015, 47, 85-96.	0.1	59
30	Sea Cucumber Glycosides: Chemical Structures, Producing Species and Important Biological Properties. <i>Marine Drugs</i> , 2017, 15, 317.	2.2	58
31	Genotypic diversity in vegetable amaranth for antioxidant, nutrient and agronomic traits. <i>Indian Journal of Genetics and Plant Breeding</i> , 2017, 77, 173.	0.2	58
32	Chitosan and plant probiotics application enhance growth and yield of strawberry. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 11, 9-18.	1.5	57
33	Antioxidant leaf pigments and variability in vegetable amaranth. <i>Genetika</i> , 2018, 50, 209-220.	0.1	53
34	Isolation and Identification of Potential Phosphate Solubilizing Bacteria from the Rhizosphere of <i>Oryza sativa</i> L. cv. BR29 of Bangladesh. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 103-110.	0.6	52
35	Synthesis of MOFâ€“5 Derived Nanoporous Carbons with Different Particle Sizes for Supercapacitor Application. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2857-2862.	1.7	52
36	Mobilizing Crop Biodiversity. <i>Molecular Plant</i> , 2020, 13, 1341-1344.	3.9	50

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37	Enhancement of Growth and Grain Yield of Rice in Nutrient Deficient Soils by Rice Probiotic Bacteria. <i>Rice Science</i> , 2017, 24, 264-273.	1.7	49
38	Wheat blast: a new threat to food security. <i>Phytopathology Research</i> , 2020, 2, .	0.9	49
39	Remediation of chemical pesticides from contaminated sites through potential microorganisms and their functional enzymes: Prospects and challenges. <i>Environmental Technology and Innovation</i> , 2021, 23, 101777.	3.0	49
40	Heavy metals contamination and associated health risks in food webs—a review focuses on food safety and environmental sustainability in Bangladesh. <i>Environmental Science and Pollution Research</i> , 2022, 29, 3230-3245.	2.7	49
41	Chemotaxis of Fungal Zoospores, with Special Reference to <i>Aphanomyces cochlioides</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 1933-1948.	0.6	48
42	Genetic variation and interrelationships among antioxidant, quality, and agronomic traits in vegetable amaranth. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2016, 40, 526-535.	0.8	48
43	Prospects of Nanotechnology in Improving the Productivity and Quality of Horticultural Crops. <i>Horticulturae</i> , 2021, 7, 332.	1.2	48
44	Molecular Identification of Multiple Antibiotic Resistant Fish Pathogenic <i>Enterococcus faecalis</i> and their Control by Medicinal Herbs. <i>Scientific Reports</i> , 2017, 7, 3747.	1.6	47
45	Jute-derived microporous/mesoporous carbon with ultra-high surface area using a chemical activation process. <i>Microporous and Mesoporous Materials</i> , 2019, 274, 251-256.	2.2	47
46	Zoosporicidal metabolites from an endophytic fungus <i>Cryptosporiopsis</i> sp. of <i>Zanthoxylum leprieurii</i> . <i>Phytochemistry</i> , 2012, 83, 87-94.	1.4	43
47	<i>Pyricularia graminis</i> is not the correct species name for the wheat blast fungus: response to Ceresini. (MPP 20:2). <i>Molecular Plant Pathology</i> , 2019, 20, 173-179.	2.0	42
48	Zoosporicidal Activity of Polyflavonoid Tannin Identified in <i>Lannea coromandelica</i> Stem Bark against Phytopathogenic Oomycete <i>Aphanomyces cochlioides</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 6697-6703.	2.4	41
49	2,4-Diacetylphloroglucinol suppresses zoosporogenesis and impairs motility of <i>Peronosporomycete</i> zoospores. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2071-2079.	1.7	40
50	Screening for phosphate solubilizing bacteria inhabiting the rhizosphere of rice grown in acidic soil in Bangladesh. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2012, 59, 199-213.	0.4	38
51	Implementation of Emergency Obstetric Care Training in Bangladesh: Lessons Learned. <i>Reproductive Health Matters</i> , 2006, 14, 61-72.	1.3	36
52	Khatmiamycin, a motility inhibitor and zoosporicide against the grapevine downy mildew pathogen <i>Plasmopara viticola</i> from <i>Streptomyces</i> sp. ANK313. <i>Journal of Antibiotics</i> , 2011, 64, 655-659.	1.0	35
53	Glucose isomerization catalyzed by bone char and the selective production of 5-hydroxymethylfurfural in aqueous media. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2148-2153.	2.5	35
54	Protein Kinase C Is Likely to be Involved in Zoosporogenesis and Maintenance of Flagellar Motility in the <i>Peronosporomycete</i> Zoospores. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 938-947.	1.4	34

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55	Genomic diversity and evolution, diagnosis, prevention, and therapeutics of the pandemic COVID-19 disease. PeerJ, 2020, 8, e9689.	0.9	34
56	Phosphate solubilizing bacteria promote growth and enhance nutrient uptake by wheat. Plant Science Today, 2014, 1, 86-93.	0.4	33
57	Metabolites from the Endophytic Fungus <i>Curvularia</i> sp. M12 Act as Motility Inhibitors against <i>Phytophthora capsici</i> Zoospores. Journal of Natural Products, 2017, 80, 347-355.	1.5	32
58	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
59	SARS-CoV-2 infection reduces human nasopharyngeal commensal microbiome with inclusion of pathobionts. Scientific Reports, 2021, 11, 24042.	1.6	32
60	Non-cytotoxic Antifungal Agents: Isolation and Structures of Gageopeptides Aâ€D from a <i>Bacillus</i> Strain 109GGC020. Journal of Agricultural and Food Chemistry, 2014, 62, 5565-5572.	2.4	31
61	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
62	Biological and biorational management of blast diseases in cereals caused by <i>Magnaporthe oryzae</i> . Critical Reviews in Biotechnology, 2021, 41, 994-1022.	5.1	31
63	Inhibitory effects of <i>Pseudomonas</i> spp. on plant pathogen <i>Phytophthora capsici</i> in vitro and in planta. Biocatalysis and Agricultural Biotechnology, 2016, 5, 69-77.	1.5	29
64	Depsidones and other constituents from <i>Phomopsis</i> sp. CAFT69 and its host plant <i>Endodesmia calophylloides</i> with potent inhibitory effect on motility of zoospores of grapevine pathogen <i>Plasmopara viticola</i> . Phytochemistry Letters, 2012, 5, 657-664.	0.6	28
65	Plant health emergencies demand open science: Tackling a cereal killer on the run. PLoS Biology, 2019, 17, e3000302.	2.6	28
66	Zoosporicidal Activities of Anacardic Acids against <i>Aphanomyces cochlioides</i> . Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 874-882.	0.6	27
67	Mode of antagonism of a biocontrol bacterium <i>Lysobacter</i> sp. SB-K88 toward a damping-off pathogen <i>Aphanomyces cochlioides</i> . World Journal of Microbiology and Biotechnology, 2010, 26, 629-637.	1.7	27
68	Bacilli as sources of agrobiotechnology: recent advances and future directions. Green Chemistry Letters and Reviews, 2021, 14, 246-271.	2.1	27
69	Disruption of ultrastructure and cytoskeletal network is involved with biocontrol of damping-off pathogen <i>Aphanomyces cochlioides</i> by <i>Lysobacter</i> sp. strain SB-K88. Biological Control, 2008, 46, 312-321.	1.4	26
70	Rapid Detection of Wheat Blast Pathogen <i>Magnaporthe oryzae</i> Triticum Pathotype Using Genome-Specific Primers and Cas12a-mediated Technology. Engineering, 2021, 7, 1326-1335.	3.2	26
71	Endophytic <i>Bacillus</i> spp. from medicinal plants inhibit mycelial growth of <i>Sclerotinia sclerotiorum</i> and promote plant growth. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2018, 73, 247-256.	0.6	25
72	Diversity and genomic determinants of the microbiomes associated with COVID-19 and non-COVID respiratory diseases. Gene Reports, 2021, 23, 101200.	0.4	25

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73	Interruption of the Homing Events of Phytopathogenic <i>Aphanomyces cochlioides</i> Zoospores by Secondary Metabolites from Nonhost <i>Amaranthus gangeticus</i> . <i>Journal of Pesticide Sciences</i> , 2004, 29, 6-14.	0.8	24
74	Antagonistic rhizoplane bacteria induce diverse morphological alterations in <i>Peronosporomycete</i> hyphae during in vitro interaction. <i>European Journal of Plant Pathology</i> , 2005, 112, 311-322.	0.8	24
75	Coordination chemistry of [methyl-3-(4-benzyloxyphenyl)methylene]dithiocarbazate with divalent metal ions: crystal structures of the N,S Schiff base and of its bis-chelated nickel(II) complex. <i>Transition Metal Chemistry</i> , 2011, 36, 531-537.	0.7	24
76	Inhibitory Effects of Macrotetrolides from <i>Streptomyces</i> spp. On Zoosporogenesis and Motility of <i>Peronosporomycete</i> Zoospores Are Likely Linked with Enhanced ATPase Activity in Mitochondria. <i>Frontiers in Microbiology</i> , 2016, 7, 1824.	1.5	24
77	High surface area nanoporous carbon derived from high quality jute from Bangladesh. <i>Materials Chemistry and Physics</i> , 2018, 216, 491-495.	2.0	24
78	CRISPR-Cas technology in modifying food crops.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , 1-16.	0.6	24
79	Exogenous Application of Methyl Jasmonate and Salicylic Acid Mitigates Drought-Induced Oxidative Damages in French Bean ( <i>Phaseolus vulgaris</i> L.). <i>Plants</i> , 2021, 10, 2066.	1.6	24
80	Growth inhibition and excessive branching in <i>Aphanomyces cochlioides</i> induced by 2,4-diacetylphloroglucinol is linked to disruption of filamentous actin cytoskeleton in the hyphae. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1163-1170.	1.7	23
81	Cautionary Notes on Use of the MoT3 Diagnostic Assay for <i>Magnaporthe oryzae</i> Wheat and Rice Blast Isolates. <i>Phytopathology</i> , 2019, 109, 504-508.	1.1	23
82	Host-specific plant signal and G-protein activator, mastoparan, trigger differentiation of zoospores of the phytopathogenic oomycete <i>Aphanomyces cochlioides</i> . <i>Plant and Soil</i> , 2003, 255, 131-142.	1.8	22
83	Morphological Studies on Zoospores of <i>Aphanomyces cochlioides</i> and Changes during Interaction with Host Materials. <i>Journal of General Plant Pathology</i> , 2001, 67, 255-261.	0.6	21
84	Drought Stress Tolerance in Wheat: Omics Approaches in Understanding and Enhancing Antioxidant Defense. , 2018, , 267-307.		21
85	Molecular pharmacology and therapeutic advances of the pentacyclic triterpene lupeol. <i>Phytomedicine</i> , 2022, 99, 154012.	2.3	21
86	Nicotinamide And Structurally Related Compounds Show Halting Activity Against Zoospores Of The Phytopathogenic Fungus <i>Aphanomyces Cochlioides</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 323-331.	0.6	20
87	Macrocylic Trichothecenes from <i>Myrothecium roridum</i> Strain M10 with Motility Inhibitory and Zoosporicidal Activities against <i>Phytophthora nicotianae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8777-8786.	2.4	20
88	Oligomycins inhibit <i>Magnaporthe oryzae</i> Triticum and suppress wheat blast disease. <i>PLoS ONE</i> , 2020, 15, e0233665.	1.1	20
89	Identification of marine sponge-associated bacteria of the Saint Martin's island of the Bay of Bengal emphasizing on the prevention of motile <i>Aeromonas septicemia</i> in <i>Labeo rohita</i> . <i>Aquaculture</i> , 2021, 545, 737156.	1.7	20
90	Microscopic Studies on Attachment and Differentiation of Zoospores of the Phytopathogenic Fungus <i>Aphanomyces cochlioides</i> . <i>Journal of General Plant Pathology</i> , 2002, 68, 111-117.	0.6	19

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91	Phenolic Constituents of <i>Celosia cristata</i> L. Susceptible to Spinach Root Rot Pathogen <i>Aphanomyces cochlioides</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 2567-2570.	0.6	19
92	Gut probiotic bacteria of <i>Barbonymus gonionotus</i> improve growth, hematological parameters and reproductive performances of the host. <i>Scientific Reports</i> , 2021, 11, 10692.	1.6	19
93	Molecular Identification of <i>Vibrio alginolyticus</i> Causing Vibriosis in Shrimp and Its Herbal Remedy. <i>Polish Journal of Microbiology</i> , 2019, 68, 429-438.	0.6	19
94	Biocontrol agent, biofumigation, and grafting with resistant rootstock suppress soil-borne disease and improve yield of tomato in West Virginia. <i>Crop Protection</i> , 2021, 145, 105630.	1.0	18
95	<i>Nigella sativa</i> L. supplemented diet decreases egg cholesterol content and suppresses harmful intestinal bacteria in laying hens. <i>Journal of Animal and Feed Sciences</i> , 2011, 20, 587-598.	0.4	18
96	Prospect and Challenges for Sustainable Management of Climate Change-Associated Stresses to Soil and Plant Health by Beneficial Rhizobacteria. <i>Stresses</i> , 2021, 1, 200-222.	1.8	18
97	An antagonistic rhizoplane bacterium <i>Pseudomonas</i> sp. strain EC-S101 physiologically stresses a spinach root rot pathogen <i>Aphanomyces cochlioides</i> . <i>Journal of General Plant Pathology</i> , 2006, 72, 57-64.	0.6	17
98	Toward Efficient Land Cover Mapping: An Overview of the National Land Representation System and Land Cover Map 2015 of Bangladesh. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 3852-3861.	2.3	17
99	Modulation of Nutritional and Biochemical Properties of Wheat Grains Infected by Blast Fungus <i>Magnaporthe oryzae</i> Triticum Pathotype. <i>Frontiers in Microbiology</i> , 2020, 11, 1174.	1.5	17
100	Gageopeptins A and B, new inhibitors of zoospore motility of the phytopathogen <i>Phytophthora capsici</i> from a marine-derived bacterium <i>Bacillus</i> sp. 109GGC020. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3325-3329.	1.0	16
101	Whole-Genome Sequence of <i>Bacillus subtilis</i> WS1A, a Promising Fish Probiotic Strain Isolated from Marine Sponge of the Bay of Bengal. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	16
102	Requirement of a Relatively High Threshold Level of Mg <sup>2+</sup> for Cell Growth of a Rhizoplane Bacterium, <i>Sphingomonas yanoikuyae</i> EC-S001. <i>Applied and Environmental Microbiology</i> , 2004, 70, 5214-5221.	1.4	15
103	Wide Horizons of CRISPR-Cas-Derived Technologies for Basic Biology, Agriculture, and Medicine. <i>Springer Protocols</i> , 2020, , 1-23.	0.1	15
104	Potentials for Biological Control of Plant Diseases by <i>Lysobacter</i> spp., with Special Reference to Strain SB-K88. , 2011, , 335-363.		14
105	Involvement of <i>Enterococcus</i> species in streptococcosis of Nile tilapia in Bangladesh. <i>Aquaculture</i> , 2021, 531, 735790.	1.7	14
106	Physiological and Biochemical Dissection Reveals a Trade-Off between Antioxidant Capacity and Heat Tolerance in Bread Wheat ( <i>Triticum aestivum</i> L.). <i>Antioxidants</i> , 2021, 10, 351.	2.2	14
107	Fabrication of highly and poorly oxidized silver oxide/silver/tin(IV) oxide nanocomposites and their comparative anti-pathogenic properties towards hazardous food pathogens. <i>Journal of Hazardous Materials</i> , 2021, 408, 124896.	6.5	14
108	Uncertainty of pesticides in foodstuffs, associated environmental and health risks to humans—a critical case of Bangladesh with respect to global food policy. <i>Environmental Science and Pollution Research</i> , 2021, 28, 54448-54465.	2.7	14

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109	Application of Nanomaterials to Ensure Quality and Nutritional Safety of Food. Journal of Nanomaterials, 2021, 2021, 1-19.	1.5	14
110	Identification and application of a fungal biocontrol agent <i>Cladosporium cladosporioides</i> against <i>Bemisia tabaci</i> . Biotechnology and Biotechnological Equipment, 2019, 33, 1698-1705.	0.5	13
111	Suitable methods for isolation, culture, storage and identification of wheat blast fungus <i>Magnaporthe oryzae</i> Triticum pathotype. Phytopathology Research, 2020, 2, .	0.9	13
112	Chitosan biostimulant controls infection of cucumber by <i>Phytophthora capsici</i> through suppression of asexual reproduction of the pathogen. Acta Agrobotanica, 2019, 72, .	1.0	13
113	Molecular identification and virulence of six isolates of <i>Metarhizium anisopliae</i> (Deuteromycotina: Tj ETQq1 1 0.784314 rgBT/Overlook	0.4	12
114	<i>Pseudomonas</i> and <i>Burkholderia</i> inhibit growth and asexual development of <i>Phytophthora capsici</i> . Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2018, 73, 123-135.	0.6	12
115	Bioactive Isocoumarins from a Terrestrial <i>Streptomyces</i> sp. ANK302. Natural Product Communications, 2011, 6, 1934578X1100600.	0.2	11
116	Salinity effect on mineral nutrient distribution along roots and shoots of rice ( <i>Oryza sativa</i> L.) genotypes differing in salt tolerance. Archives of Agronomy and Soil Science, 2011, 57, 33-45.	1.3	11
117	Oligomycins and pamamycin homologs impair motility and induce lysis of zoospores of the grapevine downy mildew pathogen, <i>Plasmopara viticola</i> . FEMS Microbiology Letters, 2016, 363, fnw167.	0.7	11
118	Antraquinones and flavanols isolated from the vegetable herb <i>Rumex abyssinicus</i> inhibit motility of <i>Phytophthora capsici</i> zoospores. South African Journal of Botany, 2018, 115, 1-4.	1.2	11
119	Cytotoxic and anti-inflammatory resorcinol and alkylbenzoquinone derivatives from the leaves of <i>Ardisia sieboldii</i> . Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2019, 74, 303-311.	0.6	11
120	Characterization of <i>Sclerotium rolfsii</i> Causing Root Rot of Sugar Beet in Bangladesh. Sugar Tech, 2021, 23, 1199-1205.	0.9	11
121	Application of Nanotechnology for Sustainable Crop Production Systems. Nanotechnology in the Life Sciences, 2020, , 135-159.	0.4	11
122	Banchromene and other secondary metabolites from the endophytic fungus <i>Fusarium</i> sp. obtained from <i>Piper guineense</i> inhibit the motility of phytopathogenic <i>Plasmopara viticola</i> zoospores. Tetrahedron Letters, 2014, 55, 4057-4061.	0.7	10
123	First Report of Anthracnose Crown Rot of Strawberry Caused by <i>Colletotrichum siamense</i> in Rajshahi District of Bangladesh. Plant Disease, 2019, 103, 580-580.	0.7	10
124	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
125	Marine Natural Product Antimycin A Suppresses Wheat Blast Disease Caused by <i>Magnaporthe oryzae</i> Triticum. Journal of Fungi (Basel, Switzerland), 2022, 8, 618.	1.5	10
126	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



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127	Chitosan biopolymer improves the fruit quality of litchi ( <i>Litchi chinensis</i> Sonn.). <i>Acta Agrobotanica</i> , 2019, 72, .	1.0	9
128	Dietary chitosan promotes the growth, biochemical composition, gut microbiota, hematological parameters and internal organ morphology of juvenile <i>Barbonymus gonionotus</i> . <i>PLoS ONE</i> , 2021, 16, e0260192.	1.1	9
129	Bioactive isocoumarins from a terrestrial <i>Streptomyces</i> sp. ANK302. <i>Natural Product Communications</i> , 2011, 6, 45-8.	0.2	9
130	Repellent Activity of Estrogenic Compounds toward Zoospores of the Phytopathogenic Fungus <i>Aphanomyces cochlioides</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 253-261.	0.6	8
131	Dynamic rearrangement of F-actin organization triggered by host-specific plant signal is linked to morphogenesis of <i>Aphanomyces cochlioides</i> zoospores. <i>Cytoskeleton</i> , 2008, 65, 553-562.	4.4	8
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