

Petr Karlovsky

List of Publications by Year in descending order

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141
papers

7,027
citations

57631

44
h-index

69108

77
g-index

151
all docs

151
docs citations

151
times ranked

7938
citing authors

#	ARTICLE	IF	CITATIONS
1	Masked mycotoxins: A review. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 165-186.	1.5	633
2	Impact of food processing and detoxification treatments on mycotoxin contamination. <i>Mycotoxin Research</i> , 2016, 32, 179-205.	1.3	462
3	<i>Piriformospora indica</i> affects plant growth by auxin production. <i>Physiologia Plantarum</i> , 2007, 131, 581-589.	2.6	247
4	Biological detoxification of fungal toxins and its use in plant breeding, feed and food production. <i>Natural Toxins</i> , 1999, 7, 1-23.	1.0	235
5	Truffle volatiles: from chemical ecology to aroma biosynthesis. <i>New Phytologist</i> , 2011, 189, 688-699.	3.5	233
6	Biological detoxification of the mycotoxin deoxynivalenol and its use in genetically engineered crops and feed additives. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 491-504.	1.7	177
7	Truffles Regulate Plant Root Morphogenesis via the Production of Auxin and Ethylene. <i>Plant Physiology</i> , 2009, 150, 2018-2029.	2.3	171
8	Upscaled CTAB-Based DNA Extraction and Real-Time PCR Assays for <i>Fusarium culmorum</i> and <i>F. graminearum</i> DNA in Plant Material with Reduced Sampling Error. <i>International Journal of Molecular Sciences</i> , 2008, 9, 2306-2321.	1.8	159
9	Bacteria associated with truffle fruiting bodies contribute to truffle aroma. <i>Environmental Microbiology</i> , 2015, 17, 2647-2660.	1.8	134
10	Adaptation of <i>Fusarium graminearum</i> to Tebuconazole Yielded Descendants Diverging for Levels of Fitness, Fungicide Resistance, Virulence, and Mycotoxin Production. <i>Phytopathology</i> , 2010, 100, 444-453.	1.1	126
11	<i>Nocardioides</i> sp. strain WSN05-2, isolated from a wheat field, degrades deoxynivalenol, producing the novel intermediate 3-epi-deoxynivalenol. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 419-427.	1.7	118
12	Improved normalization of species count data in ecology by scaling with ranked subsampling (SRS): application to microbial communities. <i>PeerJ</i> , 2020, 8, e9593.	0.9	113
13	Detoxification of mycotoxin patulin by the yeast <i>Rhodosporidium paludigenum</i> . <i>Food Chemistry</i> , 2015, 179, 1-5.	4.2	112
14	Soluble phenylpropanoids are involved in the defense response of <i>A. rabidopsis</i> against <i>V. dactyloides</i> . <i>New Phytologist</i> , 2014, 202, 823-837.	3.5	110
15	Plasma-Based Degradation of Mycotoxins Produced by <i>Fusarium</i> , <i>Aspergillus</i> and <i>Alternaria</i> Species. <i>Toxins</i> , 2017, 9, 97.	1.5	110
16	Genetic relationship and diversity in a sesame (<i>Sesamum indicum</i> L.) germplasm collection using amplified fragment length polymorphism (AFLP)., 2006, 7, 10.		107
17	Defence reactions in the apoplastic proteome of oilseed rape (<i>Brassica napus</i> var. <i>napus</i>) attenuate <i>Verticillium longisporum</i> growth but not disease symptoms. <i>BMC Plant Biology</i> , 2008, 8, 129.	1.6	107
18	Microbial detoxification of mycotoxin deoxynivalenol. <i>Journal of Basic Microbiology</i> , 2004, 44, 147-156.	1.8	100

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19	Citramalic acid and salicylic acid in sugar beet root exudates solubilize soil phosphorus. <i>BMC Plant Biology</i> , 2011, 11, 121.	1.6	98
20	Identification of ABC Transporter Genes of <i>Fusarium graminearum</i> with Roles in Azole Tolerance and/or Virulence. <i>PLoS ONE</i> , 2013, 8, e79042.	1.1	97
21	Internal Resistance in Winter Oilseed Rape Inhibits Systemic Spread of the Vascular Pathogen <i>Verticillium longisporum</i> . <i>Phytopathology</i> , 2009, 99, 802-811.	1.1	94
22	Lignans of Sesame (<i>Sesamum indicum</i> L.): A Comprehensive Review. <i>Molecules</i> , 2021, 26, 883.	1.7	92
23	Determination of the LOQ in real-time PCR by receiver operating characteristic curve analysis: application to qPCR assays for <i>Fusarium verticillioides</i> and <i>F. proliferatum</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 717-726.	1.9	90
24	Occurrence of <i>Fusarium</i> species and trichothecenes in Nigerian maize. <i>International Journal of Food Microbiology</i> , 2007, 116, 350-357.	2.1	87
25	Ethyl carbamate: An emerging food and environmental toxicant. <i>Food Chemistry</i> , 2018, 248, 312-321.	4.2	87
26	Intraspecific genotypic variability determines concentrations of key truffle volatiles. <i>New Phytologist</i> , 2012, 194, 823-835.	3.5	83
27	<i>rabidopsis</i> mutants of sphingolipid fatty acid ω -hydroxylases accumulate ceramides and salicylates. <i>New Phytologist</i> , 2012, 196, 1086-1097.	3.5	83
28	Bacterial endophyte communities of three agricultural important grass species differ in their response towards management regimes. <i>Scientific Reports</i> , 2017, 7, 40914.	1.6	83
29	Role of Zearalenone Lactonase in Protection of <i>Gliocladium roseum</i> from Fungitoxic Effects of the Mycotoxin Zearalenone. <i>Applied and Environmental Microbiology</i> , 2007, 73, 637-642.	1.4	79
30	Simultaneous detection of <i>Fusarium culmorum</i> and <i>F. graminearum</i> in plant material by duplex PCR with melting curve analysis. <i>BMC Microbiology</i> , 2006, 6, 4.	1.3	71
31	Salicylic acid and salicylic acid glucoside in xylem sap of <i>Brassica napus</i> infected with <i>Verticillium longisporum</i> . <i>Journal of Plant Research</i> , 2009, 122, 571-579.	1.2	64
32	Fungal metabolic plasticity and sexual development mediate induced resistance to arthropod fungivory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131219.	1.2	64
33	Insect pollination as a key factor for strawberry physiology and marketable fruit quality. <i>Agriculture, Ecosystems and Environment</i> , 2018, 258, 197-204.	2.5	63
34	AFLP fingerprinting of sesame (<i>Sesamum indicum</i> L.) cultivars: identification, genetic relationship and comparison of AFLP informativeness parameters. <i>Genetic Resources and Crop Evolution</i> , 2007, 54, 1437-1446.	0.8	62
35	Removal of the endocrine disrupter butyl benzyl phthalate from the environment. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 61-73.	1.7	56
36	Suppression of clubroot (<i>Plasmodiophora brassicae</i>) development in <i>Arabidopsis thaliana</i> by the endophytic fungus <i>Acremonium alternatum</i> . <i>Plant Pathology</i> , 2010, 59, 100-111.	1.2	56

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37	Amplified fragment length polymorphism analysis of different geographic populations of the gypsy moth, <i>Lymantria dispar</i> (Lepidoptera: Lymantriidae). Bulletin of Entomological Research, 1999, 89, 79-88.	0.5	55
38	The Plant Host <i>Brassica napus</i> Induces in the Pathogen <i>Verticillium longisporum</i> the Expression of Functional Catalase Peroxidase Which Is Required for the Late Phase of Disease. Molecular Plant-Microbe Interactions, 2012, 25, 569-581.	1.4	55
39	ERECTA, salicylic acid, abscisic acid, and jasmonic acid modulate quantitative disease resistance of <i>Arabidopsis thaliana</i> to <i>Verticillium longisporum</i> . BMC Plant Biology, 2014, 14, 85.	1.6	53
40	Relationship between metabolic and genomic diversity in sesame (<i>Sesamum indicum</i> L.). BMC Genomics, 2008, 9, 250.	1.2	52
41	Biodiversity and species identity shape the antifungal activity of bacterial communities. Ecology, 2014, 95, 1184-1190.	1.5	52
42	Impact of Environmental Conditions and Agronomic Practices on the Prevalence of <i>Fusarium</i> Species Associated with Ear- and Stalk Rot in Maize. Pathogens, 2020, 9, 236.	1.2	52
43	The "forma specialis"™ issue in <i>Fusarium</i> : A case study in <i>Fusarium solani</i> f. sp. <i>psi</i> . Scientific Reports, 2018, 8, 1252.	1.6	51
44	The tryptophan aminotransferase Tam1 catalyses the single biosynthetic step for tryptophan-dependent pigment synthesis in <i>Ustilago maydis</i> . Molecular Microbiology, 2008, 68, 152-172.	1.2	50
45	The enzymatic epimerization of deoxynivalenol by <i>Devosia</i> mutans proceeds through the formation of 3-keto-DON intermediate. Scientific Reports, 2017, 7, 6929.	1.6	50
46	Biocontrol of <i>Fusarium graminearum</i> sensu stricto, Reduction of Deoxynivalenol Accumulation and Phytohormone Induction by Two Selected Antagonists. Toxins, 2018, 10, 88.	1.5	49
47	Interactions among filamentous fungi <i>Aspergillus niger</i> , <i>Fusarium verticillioides</i> and <i>Clonostachys rosea</i> : fungal biomass, diversity of secreted metabolites and fumonisin production. BMC Microbiology, 2016, 16, 83.	1.3	48
48	Genetic transformation of filamentous fungi by <i>Agrobacterium tumefaciens</i> . Protocol Exchange, 0, , .	0.3	47
49	Abscisic acid negatively interferes with basal defence of barley against <i>Magnaporthe oryzae</i> . BMC Plant Biology, 2015, 15, 7.	1.6	46
50	Effect of Fungal Colonization of Wheat Grains with <i>Fusarium</i> spp. on Food Choice, Weight Gain and Mortality of Meal Beetle Larvae (<i>Tenebrio molitor</i>). PLoS ONE, 2014, 9, e100112.	1.1	43
51	Different Components of the RNA Interference Machinery Are Required for Conidiation, Ascosporeogenesis, Virulence, Deoxynivalenol Production, and Fungal Inhibition by Exogenous Double-Stranded RNA in the Head Blight Pathogen <i>Fusarium graminearum</i> . Frontiers in Microbiology, 2019, 10, 1662.	1.5	42
52	Conversion of monoculture cropland and open grassland to agroforestry alters the abundance of soil bacteria, fungi and soil-N-cycling genes. PLoS ONE, 2019, 14, e0218779.	1.1	41
53	Mycotoxigenic Fungi and Mycotoxins in Agricultural Crop Commodities in the Philippines: A Review. Foods, 2019, 8, 249.	1.9	41
54	Poplar Rows in Temperate Agroforestry Croplands Promote Bacteria, Fungi, and Denitrification Genes in Soils. Frontiers in Microbiology, 2019, 10, 3108.	1.5	41

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55	The ITS region as a taxonomic discriminator between <i>Fusarium verticillioides</i> and <i>Fusarium proliferatum</i> . <i>Mycological Research</i> , 2009, 113, 1137-1145.	2.5	40
56	Assessment of <i>Fusarium</i> Infection and Mycotoxin Contamination of Wheat Kernels and Flour Using Hyperspectral Imaging. <i>Toxins</i> , 2019, 11, 556.	1.5	40
57	Ectomycorrhizal Colonization and Diversity in Relation to Tree Biomass and Nutrition in a Plantation of Transgenic Poplars with Modified Lignin Biosynthesis. <i>PLoS ONE</i> , 2013, 8, e59207.	1.1	40
58	Study of Fungal Colonization of Wheat Kernels in Syria with a Focus on <i>Fusarium</i> Species. <i>International Journal of Molecular Sciences</i> , 2013, 14, 5938-5951.	1.8	36
59	Bis-naphthopyrone pigments protect filamentous ascomycetes from a wide range of predators. <i>Nature Communications</i> , 2019, 10, 3579.	5.8	36
60	Aflatoxin in Chili Peppers in Nigeria: Extent of Contamination and Control Using Atoxigenic <i>Aspergillus flavus</i> Genotypes as Biocontrol Agents. <i>Toxins</i> , 2019, 11, 429.	1.5	34
61	Infection of Corn Ears by <i>Fusarium</i> spp. Induces the Emission of Volatile Sesquiterpenes. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5226-5236.	2.4	33
62	Mechanisms Regulating Grain Contamination with Trichothecenes Translocated from the Stem Base of Wheat (<i>Triticum aestivum</i>) Infected with <i>Fusarium culmorum</i> . <i>Phytopathology</i> , 2013, 103, 682-689.	1.1	32
63	Effect of the Yeast <i>Rhodosporidium paludigenum</i> on Postharvest Decay and Patulin Accumulation in Apples and Pears. <i>Journal of Food Protection</i> , 2015, 78, 157-163.	0.8	32
64	Improved Protocol for DNA Extraction from Subsoils Using Phosphate Lysis Buffer. <i>Microorganisms</i> , 2020, 8, 532.	1.6	32
65	Secondary Metabolites in Soil Ecology. <i>Soil Biology</i> , 2008, , 1-19.	0.6	29
66	High-throughput single nucleotide polymorphism (SNP) identification and mapping in the sesame (<i>Sesamum indicum</i> L.) genome with genotyping by sequencing (GBS) analysis. <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	29
67	Optimized potassium nutrition improves plant-water-relations of barley under PEG-induced osmotic stress. <i>Plant and Soil</i> , 2018, 430, 23-35.	1.8	29
68	Tree rows in temperate agroforestry croplands alter the composition of soil bacterial communities. <i>PLoS ONE</i> , 2021, 16, e0246919.	1.1	28
69	Roots of symptom-free leguminous cover crop and living mulch species harbor diverse <i>Fusarium</i> communities that show highly variable aggressiveness on pea (<i>Pisum sativum</i>). <i>PLoS ONE</i> , 2018, 13, e0191969.	1.1	28
70	â€”SRSâ€™ R Package and â€”q2-srsâ€™ QIIME 2 Plugin: Normalization of Microbiome Data Using Scaling with Ranked Subsampling (SRS). <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11473.	1.3	27
71	Buoyant density of DNA-Hoechst 33258 (bisbenzimidazole) complexes in CsCl gradients: Hoechst 33258 binds to single AT base pairs. <i>Analytical Biochemistry</i> , 1991, 194, 192-197.	1.1	26
72	Crop Diseases and Mycotoxin Accumulation in Temperate Agroforestry Systems. <i>Sustainability</i> , 2019, 11, 2925.	1.6	26

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73	Genetic and environmental control of the Verticillium syndrome in Arabidopsis thaliana. BMC Plant Biology, 2010, 10, 235.	1.6	24
74	Determination of Ochratoxin A in Wheat and Maize by Solid Bar Microextraction with Liquid Chromatography and Fluorescence Detection. Toxins, 2015, 7, 3000-3011.	1.5	24
75	Relationship between Water Soluble Carbohydrate Content, Aphid Endosymbionts and Clonal Performance of Sitobion avenae on Cocksfoot Cultivars. PLoS ONE, 2013, 8, e54327.	1.1	24
76	Effect of light intensity on colour morph formation and performance of the grain aphid Sitobion avenae F. (Homoptera: Aphididae). Journal of Insect Physiology, 2010, 56, 1999-2005.	0.9	23
77	Trichoderma Afroharzianum Ear Rot – A New Disease on Maize in Europe. Frontiers in Agronomy, 0, 2, .	1.5	23
78	The TRP1 gene of Phytophthora parasitica encoding indole-3-glycerolphosphate synthase-N-(5- α -phosphoribosyl)anthranilate isomerase: structure and evolutionary distance from homologous fungal genes. Gene, 1991, 109, 161-165.	1.0	22
79	Simplified AFLP Protocol: Replacement of Primer Labeling by the Incorporation of 125 I-Labeled Nucleotides during PCR. BioTechniques, 2000, 28, 622-623.	0.8	21
80	Conversion of cDNA differential display results (DDRT-PCR) into quantitative transcription profiles. BMC Genomics, 2005, 6, 51.	1.2	21
81	Systemic Infection of Maize, Sorghum, Rice, and Beet Seedlings with Fumonisin-Producing and Nonproducing Fusarium verticillioides Strains. Plant Pathology Journal, 2015, 31, 334-342.	0.7	21
82	Starch Hydrolysis and Vessel Occlusion Related to Wilt Symptoms in Olive Stems of Susceptible Cultivars Infected by Verticillium dahliae. Frontiers in Plant Science, 2018, 9, 72.	1.7	20
83	High-Resolution Melting (HRM) Curve Assay for the Identification of Eight Fusarium Species Causing Ear Rot in Maize. Pathogens, 2020, 9, 270.	1.2	20
84	Relative Abundances of Species or Sequence Variants Can Be Misleading: Soil Fungal Communities as an Example. Microorganisms, 2021, 9, 589.	1.6	18
85	The effect of short-term vs. long-term soil moisture stress on the physiological response of three cocoa (Theobroma cacao L.) cultivars. Plant Growth Regulation, 2020, 92, 295-306.	1.8	17
86	Genetic code and phylogenetic origin of oomycetous mitochondria. Journal of Molecular Evolution, 1992, 34, 254-258.	0.8	16
87	Assessment of latent infection with Verticillium longisporum in field-grown oilseed rape by qPCR. European Journal of Plant Pathology, 2017, 147, 819-831.	0.8	16
88	Development of three fusarium crown rot causal agents and systemic translocation of deoxynivalenol following stem base infection of soft wheat. Plant Pathology, 2018, 67, 1055-1065.	1.2	16
89	Phenotypic responses to microbial volatiles render a mold fungus more susceptible to insect damage. Ecology and Evolution, 2018, 8, 4328-4339.	0.8	16
90	Dissemination of Fusarium proliferatum by mealworm beetle Tenebrio molitor. PLoS ONE, 2018, 13, e0204602.	1.1	16

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91	Formation of Zearalenone Metabolites in Tempeh Fermentation. <i>Molecules</i> , 2019, 24, 2697.	1.7	16
92	Occurrence, Pathogenicity, and Mycotoxin Production of <i>Fusarium temperatum</i> in Relation to Other <i>Fusarium</i> Species on Maize in Germany. <i>Pathogens</i> , 2020, 9, 864.	1.2	16
93	Protection of Citrus Fruits from Postharvest Infection with <i>Penicillium digitatum</i> and Degradation of Patulin by Biocontrol Yeast <i>Clavispora lusitanae</i> 146. <i>Microorganisms</i> , 2020, 8, 1477.	1.6	16
94	Changes of Scots Pine Phyllosphere and Soil Fungal Communities during Outbreaks of Defoliating Insects. <i>Forests</i> , 2017, 8, 316.	0.9	15
95	<i>Fusarium</i> Head Blight: Effect of Infection Timing on Spread of <i>Fusarium graminearum</i> and Spatial Distribution of Deoxynivalenol within Wheat Spikes. <i>Microorganisms</i> , 2021, 9, 79.	1.6	14
96	Control of nitrate respiration in <i>Paracoccus denitrificans</i> by oxygen. <i>FEMS Microbiology Letters</i> , 1981, 12, 391-394.	0.7	13
97	Volatiles Emitted from Maize Ears Simultaneously Infected with Two <i>Fusarium</i> Species Mirror the Most Competitive Fungal Pathogen. <i>Frontiers in Plant Science</i> , 2016, 7, 1460.	1.7	13
98	Fumonisin B1 and beauvericin accumulation in wheat kernels after seed-borne infection with <i>Fusarium proliferatum</i> . <i>Agricultural and Food Science</i> , 2016, 25, .	0.3	13
99	Improved coverage of cDNA-AFLP by sequential digestion of immobilized cDNA. <i>BMC Genomics</i> , 2008, 9, 480.	1.2	12
100	Soil N ₂ O flux and nitrification and denitrification gene responses to feed-induced differences in the composition of dairy cow faeces. <i>Biology and Fertility of Soils</i> , 2021, 57, 767-779.	2.3	12
101	The potential of ryegrass as cover crop to reduce soil N ₂ O emissions and increase the population size of denitrifying bacteria. <i>European Journal of Soil Science</i> , 2021, 72, 1447-1461.	1.8	12
102	Monomer Release from Dental Resins: The Current Status on Study Setup, Detection and Quantification for In Vitro Testing. <i>Polymers</i> , 2022, 14, 1790.	2.0	12
103	Is climate change altering the geographic distribution of truffles?. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 461-462.	1.9	11
104	Identification of a cis-acting factor modulating the transcription of FUM1, a key fumonisin-biosynthetic gene in the fungal maize pathogen <i>Fusarium verticillioides</i> . <i>Fungal Genetics and Biology</i> , 2013, 51, 42-49.	0.9	11
105	Antifungal Properties of Extracts of Sesame (<i>Sesamum indicum</i>). <i>International Journal of Agriculture and Biology</i> , 2015, 17, 575-581.	0.2	11
106	Misuse of PCR. <i>Trends in Biochemical Sciences</i> , 1990, 15, 419.	3.7	10
107	Phylogenetic Relationships of the Symbiotic Bacteria in the Aphid <i>Sitobion avenae</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10.7	0.7	9
108	Early response of soil fungal communities to the conversion of monoculture cropland to a temperate agroforestry system. <i>PeerJ</i> , 2021, 9, e12236.	0.9	9

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109	Identification of regulated proteins in naked barley grains (<i>Hordeum vulgare nudum</i>) after <i>Fusarium graminearum</i> infection at different grain ripening stages. <i>Journal of Proteomics</i> , 2016, 133, 86-92.	1.2	8
110	MycoKey Round Table Discussions of Future Directions in Research on Chemical Detection Methods, Genetics and Biodiversity of Mycotoxins. <i>Toxins</i> , 2018, 10, 109.	1.5	8
111	Role of bacteria in dieback disease of <i>Dalbergia sissoo roxb.</i> <i>Bangladesh Journal of Botany</i> , 2013, 42, 1-16.	0.2	7
112	Development of a loop-mediated isothermal amplification assay for the detection of <i>Tilletia controversa</i> based on genome comparison. <i>Scientific Reports</i> , 2021, 11, 11611.	1.6	7
113	Secondary metabolites of <i>H₁₄lle</i> cells mediate protection of fungal reproductive and overwintering structures against fungivorous animals. <i>ELife</i> , 2021, 10, .	2.8	7
114	The Abundance of Fungi, Bacteria and Denitrification Genes during Insect Outbreaks in Scots Pine Forests. <i>Forests</i> , 2018, 9, 497.	0.9	6
115	Small-Scale Bioreactor for Sterile Hydroponics and Hairy Roots: Metabolic Diversity and Salicylic Acid Exudation by Hairy Roots of <i>Hyoscyamus niger</i> . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3044.	1.3	6
116	Substrate use and survival of fungal plant pathogens on maize residues at winter temperatures around freezing point. <i>Soil Biology and Biochemistry</i> , 2014, 77, 141-149.	4.2	5
117	Comparative genomics reveals low levels of inter- and intraspecies diversity in the causal agents of dwarf and common bunt of wheat and hint at conspecificity of <i>Tilletia caries</i> and <i>T. laevis</i> . <i>IMA Fungus</i> , 2022, 13, .	1.7	5
118	<i>FusariumÂculmorum</i> Produces NX-2 Toxin Simultaneously with Deoxynivalenol and 3-Acetyl-Deoxynivalenol or Nivalenol. <i>Toxins</i> , 2022, 14, 456.	1.5	5
119	Physical map of the bacteriophage L (<i>Salmonella typhimurium</i>). <i>FEMS Microbiology Letters</i> , 1984, 25, 117-120.	0.7	4
120	Tandem arrangement of tRNA ^{Asp} -encoding genes in <i>Phytophthora</i> spp. <i>Gene</i> , 1991, 102, 51-56.	1.0	4
121	Inhibition of Imidazoleglycerolphosphate Dehydratase of <i>Phytophthora Parasitica</i> by Aminotriazole in situ and after Cloning and Expression of the Respective Gene (HIS3) in <i>Escherichia coli</i> . <i>Journal of Phytopathology</i> , 1994, 141, 121-126.	0.5	4
122	Specialization and host plant use of the common clones of <i>Sitobion avenae</i> (Homoptera: Aphididae). <i>Applied Entomology and Zoology</i> , 2016, 51, 289-295.	0.6	4
123	A comparative in vitro study on monomer release from bisphenol A-free and conventional temporary crown and bridge materials. <i>European Journal of Oral Sciences</i> , 2021, 129, .	0.7	4
124	Similarities in Restriction Fragment Patterns of Mitochondrial DNAs of <i>Phytophthora</i> Species Strongly Depend on the Restriction Enzyme Used Due to Heterogeneous Base Distribution and Sequence Conservation. <i>Fungal Genetics and Biology</i> , 1996, 20, 36-42.	0.9	3
125	M13 DNA fingerprinting in unicellular and filamentous green algae. <i>European Journal of Phycology</i> , 1997, 32, 103-110.	0.9	3
126	Components of variance in transcriptomics based on electrophoretic separation of cDNA fragments (cDNA- ² AFLP). <i>Electrophoresis</i> , 2009, 30, 2549-2557.	1.3	3

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127	Real-Time PCR and Agar Plating Method to Predict <i>Fusarium Verticillioides</i> and Fumonisin B1 Content in Nigerian Maize. <i>Journal of Plant Protection Research</i> , 2009, 49, .	1.0	3
128	Fungal plant pathogens on inoculated maize leaves in a simulated soil warming experiment. <i>Applied Soil Ecology</i> , 2018, 124, 75-82.	2.1	3
129	Re-evaluation of a method calculating cleavage rates at different sites of DNA from partial digestion of end-labelled molecule. <i>Biochemical and Biophysical Research Communications</i> , 1986, 138, 778-782.	1.0	2
130	Hot spot for Tn1000 insertions in cloned repressor gene of the L phage. <i>Plasmid</i> , 1986, 16, 219-221.	0.4	2
131	Specific binding affinity for DNA of the L phage (<i>Salmonella typhimurium</i>) in extracts of <i>Escherichia coli</i> . <i>Molecular Biology Reports</i> , 1986, 11, 43-46.	1.0	2
132	Screening of pUC plasmid clones for inserts based on growth rate (without X-gal). <i>Nucleic Acids Research</i> , 1987, 15, 6753-6753.	6.5	2
133	Identification of Differently Regulated Proteins after <i>Fusarium graminearum</i> Infection of Emmer (<i>Triticum dicoccum</i>) at Several Grain Ripening Stages. <i>Food Technology and Biotechnology</i> , 2015, 53, 261-268.	0.9	2
134	Kinetics of circular DNA molecule digestion by restriction endonuclease Computation of kinetic constants from time dependence of fragment concentrations. <i>Acta Biotheoretica</i> , 1986, 35, 279-292.	0.7	1
135	Calculation of individual cleavage rates from partial digests in restriction endonuclease kinetics. <i>Journal of Theoretical Biology</i> , 1988, 132, 7-14.	0.8	1
136	Auxin Production by Symbiotic Fungi: Bioassay and HPLC-MS Analysis. <i>Soil Biology</i> , 2009, , 381-392.	0.6	1
137	Detection of Mycotoxins in Food: Applications of Rapid and Reliable Tools in a Biosecurity Context. , 2017, , 143-162.		1
138	[24] Alternatives to X-galactopyranoside in screening recombinant clones based on pUC-derived plasmid vectors. <i>Methods in Enzymology</i> , 1993, 217, 335-339.	0.4	0
139	Autonomously replicating sequences (ARS) from mitochondrial DNA of <i>Phytophthora nicotianae</i> : functional and structural analysis. <i>Mycological Research</i> , 1998, 102, 1133-1141.	2.5	0
140	Chapter 8. Detoxification Strategies for Mycotoxins in Plant Breeding. <i>Issues in Toxicology</i> , 2015, , 158-188.	0.2	0
141	Diophantine Equations Relating Sums and Products of Positive Integers: Computation-Aided Study of Parametric Solutions, Bounds, and Distinct-Term Solutions. <i>Mathematics</i> , 2021, 9, 2779.	1.1	0