

# Susan P McCormick

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6139909/susan-p-mccormick-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131  
papers

5,265  
citations

43  
h-index

69  
g-index

134  
ext. papers

6,266  
ext. citations

4  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
131	Trichothecenes: from simple to complex mycotoxins. <i>Toxins</i> , <b>2011</b> , 3, 802-14	4.9	285
130	Phylogenetic analyses of RPB1 and RPB2 support a middle Cretaceous origin for a clade comprising all agriculturally and medically important fusaria. <i>Fungal Genetics and Biology</i> , <b>2013</b> , 52, 20-31	3.9	254
129	Global gene regulation by <i>Fusarium</i> transcription factors Tri6 and Tri10 reveals adaptations for toxin biosynthesis. <i>Molecular Microbiology</i> , <b>2009</b> , 72, 354-67	4.1	191
128	Genes, gene clusters, and biosynthesis of trichothecenes and fumonisins in <i>Fusarium</i> . <i>Toxin Reviews</i> , <b>2009</b> , 28, 198-215	2.3	181
127	One fungus, one name: defining the genus <i>Fusarium</i> in a scientifically robust way that preserves longstanding use. <i>Phytopathology</i> , <b>2013</b> , 103, 400-8	3.8	155
126	A genetic and biochemical approach to study trichothecene diversity in <i>Fusarium sporotrichioides</i> and <i>Fusarium graminearum</i> . <i>Fungal Genetics and Biology</i> , <b>2001</b> , 32, 121-33	3.9	154
125	Evidence that a secondary metabolic biosynthetic gene cluster has grown by gene relocation during evolution of the filamentous fungus <i>Fusarium</i> . <i>Molecular Microbiology</i> , <b>2009</b> , 74, 1128-42	4.1	145
124	Inactivation of a cytochrome P-450 is a determinant of trichothecene diversity in <i>Fusarium</i> species. <i>Fungal Genetics and Biology</i> , <b>2002</b> , 36, 224-33	3.9	136
123	The genetic basis for 3-ADON and 15-ADON trichothecene chemotypes in <i>Fusarium</i> . <i>Fungal Genetics and Biology</i> , <b>2011</b> , 48, 485-95	3.9	135
122	Functional demarcation of the <i>Fusarium</i> core trichothecene gene cluster. <i>Fungal Genetics and Biology</i> , <b>2004</b> , 41, 454-62	3.9	130
121	Evidence for a gene cluster involving trichothecene-pathway biosynthetic genes in <i>Fusarium sporotrichioides</i> . <i>Current Genetics</i> , <b>1993</b> , 24, 291-5	2.9	128
120	The TRI11 gene of <i>Fusarium sporotrichioides</i> encodes a cytochrome P-450 monooxygenase required for C-15 hydroxylation in trichothecene biosynthesis. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 221-5	4.8	113
119	New tricks of an old enemy: isolates of <i>Fusarium graminearum</i> produce a type A trichothecene mycotoxin. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 2588-600	5.2	111
118	Microbial detoxification of mycotoxins. <i>Journal of Chemical Ecology</i> , <b>2013</b> , 39, 907-18	2.7	108
117	Occurrence of <i>Fusarium</i> species and mycotoxins in nepalese maize and wheat and the effect of traditional processing methods on mycotoxin levels. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 1377-83	5.7	108
116	The Tri4 gene of <i>Fusarium sporotrichioides</i> encodes a cytochrome P450 monooxygenase involved in trichothecene biosynthesis. <i>Molecular Genetics and Genomics</i> , <b>1995</b> , 248, 95-102		95
115	Disruption of TRI101, the gene encoding trichothecene 3-O-acetyltransferase, from <i>Fusarium sporotrichioides</i> . <i>Applied and Environmental Microbiology</i> , <b>1999</b> , 65, 5252-6	4.8	93

114	Evolution of structural diversity of trichothecenes, a family of toxins produced by plant pathogenic and entomopathogenic fungi. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006946	7.6	90
113	Restoration of wild-type virulence to Tri5 disruption mutants of <i>Gibberella zeae</i> via gene reversion and mutant complementation. <i>Microbiology (United Kingdom)</i> , <b>1997</b> , 143 ( Pt 8), 2583-2591	2.9	89
112	Transgenic Wheat Expressing a Barley UDP-Glucosyltransferase Detoxifies Deoxynivalenol and Provides High Levels of Resistance to <i>Fusarium graminearum</i> . <i>Molecular Plant-Microbe Interactions</i> , <b>2015</b> , 28, 1237-46	3.6	84
111	Elimination of damaged mitochondria through mitophagy reduces mitochondrial oxidative stress and increases tolerance to trichothecenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 11798-803	11.5	74
110	Diversity of <i>Fusarium</i> head blight populations and trichothecene toxin types reveals regional differences in pathogen composition and temporal dynamics. <i>Fungal Genetics and Biology</i> , <b>2015</b> , 82, 22-31 <sup>9</sup>	3.9	72
109	Relevance of trichothecenes in fungal physiology: disruption of <i>tri5</i> in <i>Trichoderma arundinaceum</i> . <i>Fungal Genetics and Biology</i> , <b>2013</b> , 53, 22-33	3.9	72
108	Structural and functional characterization of the TRI101 trichothecene 3-O-acetyltransferase from <i>Fusarium sporotrichioides</i> and <i>Fusarium graminearum</i> : kinetic insights to combating <i>Fusarium</i> head blight. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 1660-1669	5.4	71
107	Transgenic <i>Arabidopsis thaliana</i> expressing a barley UDP-glucosyltransferase exhibit resistance to the mycotoxin deoxynivalenol. <i>Journal of Experimental Botany</i> , <b>2012</b> , 63, 4731-40	7	70
106	Structure-activity relationships of trichothecene toxins in an <i>Arabidopsis thaliana</i> leaf assay. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 6487-92	5.7	69
105	<i>Fusarium</i> Tri8 encodes a trichothecene C-3 esterase. <i>Applied and Environmental Microbiology</i> , <b>2002</b> , 68, 2959-64	4.8	68
104	Monoclonal Antibodies for the Mycotoxins Deoxynivalenol and 3-Acetyl-Deoxynivalenol. <i>Food and Agricultural Immunology</i> , <b>2000</b> , 12, 181-192	2.9	66
103	CLM1 of <i>Fusarium graminearum</i> encodes a longiborneol synthase required for culmorin production. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 136-41	4.8	62
102	Transgenic expression of the TRI101 or PDR5 gene increases resistance of tobacco to the phytotoxic effects of the trichothecene 4,15-diacetoxyscirpenol. <i>Plant Science</i> , <b>2000</b> , 157, 201-207	5.3	62
101	<i>Fusarium</i> Tri4 encodes a multifunctional oxygenase required for trichothecene biosynthesis. <i>Canadian Journal of Microbiology</i> , <b>2006</b> , 52, 636-42	3.2	59
100	Anomericity of T-2 toxin-glucoside: masked mycotoxin in cereal crops. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 731-8	5.7	57
99	A genome-wide screen in <i>Saccharomyces cerevisiae</i> reveals a critical role for the mitochondria in the toxicity of a trichothecene mycotoxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 21883-8	11.5	52
98	Glucosylation and other biotransformations of T-2 toxin by yeasts of the <i>trichomonascus</i> clade. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 8694-702	4.8	52
97	Production of trichodiene by <i>Trichoderma harzianum</i> alters the perception of this biocontrol strain by plants and antagonized fungi. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 2628-46	5.2	51

96	Flavonoids of <i>Wyethia angustifolia</i> and <i>W. helenioides</i> . <i>Phytochemistry</i> , <b>1986</b> , 25, 1723-1726	4	50
95	<i>Fusarium sibiricum</i> sp. nov, a novel type A trichothecene-producing <i>Fusarium</i> from northern Asia closely related to <i>F. sporotrichioides</i> and <i>F. langsethiae</i> . <i>International Journal of Food Microbiology</i> , <b>2011</b> , 147, 58-68	5.8	48
94	Marasas et al. 1984 "Toxigenic <i>Fusarium</i> Species: Identity and Mycotoxicology" revisited. <i>Mycologia</i> , <b>2018</b> , 110, 1058-1080	2.4	48
93	A barley UDP-glucosyltransferase inactivates nivalenol and provides <i>Fusarium</i> Head Blight resistance in transgenic wheat. <i>Journal of Experimental Botany</i> , <b>2017</b> , 68, 2187-2197	7	47
92	Tracing the metabolism of HT-2 toxin and T-2 toxin in barley by isotope-assisted untargeted screening and quantitative LC-HRMS analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 8019-33	4.4	46
91	Aflatoxin production in cultures of <i>Aspergillus flavus</i> incubated in atmospheres containing selected cotton leaf-derived volatiles. <i>Toxicon</i> , <b>1990</b> , 28, 445-8	2.8	46
90	The inhibitory effect of neem ( <i>Azadirachta indica</i> ) leaf extracts on aflatoxin synthesis in <i>Aspergillus parasiticus</i> . <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>1988</b> , 65, 1166-1168	1.8	46
89	Phytotoxicity of selected trichothecenes using <i>Chlamydomonas reinhardtii</i> as a model system. <i>Natural Toxins</i> , <b>1999</b> , 7, 265-9		44
88	Trichothecene mycotoxins inhibit mitochondrial translation--implication for the mechanism of toxicity. <i>Toxins</i> , <b>2011</b> , 3, 1484-501	4.9	43
87	Novel aspinolide production by <i>Trichoderma arundinaceum</i> with a potential role in <i>Botrytis cinerea</i> antagonistic activity and plant defence priming. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 1103-18	5.2	39
86	Functional roles of FgLaeA in controlling secondary metabolism, sexual development, and virulence in <i>Fusarium graminearum</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e68441	3.7	39
85	Expression of 3-OH trichothecene acetyltransferase in barley ( <i>Hordeum vulgare</i> L.) and effects on deoxynivalenol. <i>Plant Science</i> , <b>2006</b> , 171, 699-706	5.3	39
84	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic that Includes the Species Complex. <i>Phytopathology</i> , <b>2021</b> , 111, 1064-1079	3.8	39
83	Heterologous expression of two trichothecene P450 genes in <i>Fusarium verticillioides</i> . <i>Canadian Journal of Microbiology</i> , <b>2006</b> , 52, 220-6	3.2	35
82	Crystal Structure of Os79 (Os04g0206600) from <i>Oryza sativa</i> : A UDP-glucosyltransferase Involved in the Detoxification of Deoxynivalenol. <i>Biochemistry</i> , <b>2016</b> , 55, 6175-6186	3.2	32
81	Population genetic structure and mycotoxin potential of the wheat crown rot and head blight pathogen <i>Fusarium culmorum</i> in Algeria. <i>Fungal Genetics and Biology</i> , <b>2017</b> , 103, 34-41	3.9	31
80	A fungal symbiont of plant-roots modulates mycotoxin gene expression in the pathogen <i>Fusarium sambucinum</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e17990	3.7	31
79	Expression of Tri15 in <i>Fusarium sporotrichioides</i> . <i>Current Genetics</i> , <b>2004</b> , 45, 157-62	2.9	30

78	The arbuscular mycorrhizal fungus, <i>Glomus irregulare</i> , controls the mycotoxin production of <i>Fusarium sambucinum</i> in the pathogenesis of potato. <i>FEMS Microbiology Letters</i> , <b>2013</b> , 348, 46-51	2.9	29
77	Bioprospecting for trichothecene 3-O-acetyltransferases in the fungal genus <i>Fusarium</i> yields functional enzymes with different abilities to modify the mycotoxin deoxynivalenol. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 1162-70	4.8	29
76	Diversity of Sesquiterpenes in 46 Potato Cultivars and Breeding Selections. <i>Journal of Agricultural and Food Chemistry</i> , <b>1995</b> , 43, 2267-2272	5.7	28
75	<i>Fusarium</i> mycotoxins: a trans-disciplinary overview. <i>Canadian Journal of Plant Pathology</i> , <b>2018</b> , 40, 161-176	1.6	27
74	Structural and functional characterization of TRI3 trichothecene 15-O-acetyltransferase from <i>Fusarium sporotrichioides</i> . <i>Protein Science</i> , <b>2009</b> , 18, 747-61	6.3	27
73	The identification of the <i>Saccharomyces cerevisiae</i> gene AYT1(ORF-YLL063c) encoding an acetyltransferase. <i>Yeast</i> , <b>2002</b> , 19, 1425-30	3.4	25
72	<i>Fusarium dactylidis</i> sp. nov., a novel nivalenol toxin-producing species sister to <i>F. pseudograminearum</i> isolated from orchard grass ( <i>Dactylis glomerata</i> ) in Oregon and New Zealand. <i>Mycologia</i> , <b>2015</b> , 107, 409-18	2.4	24
71	Flavonoids from <i>Wyethia glabra</i> . <i>Phytochemistry</i> , <b>1985</b> , 24, 1614-1616	4	22
70	Study of the natural occurrence of T-2 and HT-2 toxins and their glucosyl derivatives from field barley to malt by high-resolution Orbitrap mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2015</b> , 32, 1647-55	3.2	21
69	An Imaging Surface Plasmon Resonance Biosensor Assay for the Detection of T-2 Toxin and Masked T-2 Toxin-3-Glucoside in Wheat. <i>Toxins</i> , <b>2018</b> , 10,	4.9	18
68	Effect of deletion of a trichothecene toxin regulatory gene on the secondary metabolism transcriptome of the saprotrophic fungus <i>Trichoderma arundinaceum</i> . <i>Fungal Genetics and Biology</i> , <b>2018</b> , 119, 29-46	3.9	18
67	Detoxification of the potato phytoalexin rishitin by <i>Gibberella pulicaris</i> . <i>Phytochemistry</i> , <b>1994</b> , 37, 1001-1005	1.6	18
66	Synergistic Phytotoxic Effects of Culmorin and Trichothecene Mycotoxins. <i>Toxins</i> , <b>2019</b> , 11,	4.9	16
65	Regional differences in the composition of <i>Fusarium</i> Head Blight pathogens and mycotoxins associated with wheat in Mexico. <i>International Journal of Food Microbiology</i> , <b>2018</b> , 273, 11-19	5.8	16
64	A Lipid Transfer Protein Increases the Glutathione Content and Enhances Arabidopsis Resistance to a Trichothecene Mycotoxin. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130204	3.7	16
63	Trichothecenes and aspinolides produced by <i>Trichoderma arundinaceum</i> regulate expression of <i>Botrytis cinerea</i> genes involved in virulence and growth. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 3991-4004	5.2	16
62	Development and evaluation of monoclonal antibodies for the glucoside of T-2 toxin (t2-glc). <i>Toxins</i> , <b>2013</b> , 5, 1299-313	4.9	15
61	Determinants and Expansion of Specificity in a Trichothecene UDP-Glucosyltransferase from <i>Oryza sativa</i> . <i>Biochemistry</i> , <b>2017</b> , 56, 6585-6596	3.2	14

60	Identification and heritability of fumonisin insensitivity in <i>Zea mays</i> . <i>Phytochemistry</i> , <b>2005</b> , 66, 2474-80	4	14
59	Variation in type A trichothecene production and trichothecene biosynthetic genes in <i>Fusarium goulgardii</i> from natural ecosystems of Australia. <i>Toxins</i> , <b>2015</b> , 7, 4577-94	4.9	13
58	<i>Myrothecium roridum</i> Tri4 encodes a multifunctional oxygenase required for three oxygenation steps. <i>Canadian Journal of Microbiology</i> , <b>2007</b> , 53, 572-9	3.2	13
57	Effects of Atmospheric CO Level on the Metabolic Response of Resistant and Susceptible Wheat to <i>Fusarium graminearum</i> Infection. <i>Molecular Plant-Microbe Interactions</i> , <b>2019</b> , 32, 379-391	3.6	13
56	Trichothecene-Producing Species Isolated from Soybean Roots in Ethiopia and Ghana and their Pathogenicity on Soybean. <i>Plant Disease</i> , <b>2019</b> , 103, 2070-2075	1.5	12
55	Altered regulation of 15-acetyldeoxynivalenol production in <i>Fusarium graminearum</i> . <i>Applied and Environmental Microbiology</i> , <b>2000</b> , 66, 2062-5	4.8	12
54	High-performance liquid chromatographic procedure for determining the profiles of aflatoxin precursors in wildtype and mutant strains of <i>Aspergillus parasiticus</i> . <i>Journal of Chromatography A</i> , <b>1988</b> , 441, 400-5	4.5	12
53	Botrydial and botcinins produced by <i>Botrytis cinerea</i> regulate the expression of <i>Trichoderma arundinaceum</i> genes involved in trichothecene biosynthesis. <i>Molecular Plant Pathology</i> , <b>2016</b> , 17, 1017-31	5.7	12
52	Role of <i>Trichoderma arundinaceum</i> tri10 in regulation of terpene biosynthetic genes and in control of metabolic flux. <i>Fungal Genetics and Biology</i> , <b>2019</b> , 122, 31-46	3.9	12
51	Phylogenetic diversity, trichothecene potential, and pathogenicity within <i>Fusarium sambucinum</i> species complex. <i>PLoS ONE</i> , <b>2021</b> , 16, e0245037	3.7	12
50	o- and c-glycosylflavones from <i>Passiflora biflora</i> . <i>Phytochemistry</i> , <b>1983</b> , 22, 798-799	4	11
49	A Lipid Transfer Protein has Antifungal and Antioxidant Activity and Suppresses <i>Fusarium</i> Head Blight Disease and DON Accumulation in Transgenic Wheat. <i>Phytopathology</i> , <b>2021</b> , 111, 671-683	3.8	11
48	Modification of the Mycotoxin Deoxynivalenol Using Microorganisms Isolated from Environmental Samples. <i>Toxins</i> , <b>2017</b> , 9,	4.9	10
47	Methylated Chalcones from <i>Bidens torta</i> . <i>Phytochemistry</i> , <b>1984</b> , 23, 2400-2401	4	10
46	Accent typology and sound change. <i>Lingua</i> , <b>1981</b> , 53, 295-315	0.7	10
45	<i>Fusarium praegraminearum</i> sp. nov., a novel nivalenol mycotoxin-producing pathogen from New Zealand can induce head blight on wheat. <i>Mycologia</i> , <b>2016</b> , 108, 1229-1239	2.4	10
44	arabinanase (Arb93B) Enhances Wheat Head Blight Susceptibility by Suppressing Plant Immunity. <i>Molecular Plant-Microbe Interactions</i> , <b>2019</b> , 32, 888-898	3.6	10
43	Molecular systematics of two sister clades, the <i>Fusarium concolor</i> and <i>F. babinda</i> species complexes, and the discovery of a novel microcycle macroconidium-producing species from South Africa. <i>Mycologia</i> , <b>2018</b> , 110, 1189-1204	2.4	10



42	Flavonoids of Wyethia section Agnorhiza. <i>Phytochemistry</i> , <b>1987</b> , 26, 2421-2422	4	9
41	Flavonoids of Passiflora pavonis. <i>Journal of Natural Products</i> , <b>1981</b> , 44, 623-624	4.9	9
40	Characterization of a Salicylate Hydroxylase. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 3219	5.7	9
39	Gain and loss of a transcription factor that regulates late trichothecene biosynthetic pathway genes in Fusarium. <i>Fungal Genetics and Biology</i> , <b>2020</b> , 136, 103317	3.9	9
38	Sarocladium zeae is a systemic endophyte of wheat and an effective biocontrol agent against Fusarium head blight. <i>Biological Control</i> , <b>2020</b> , 149, 104329	3.8	8
37	A cytochrome P450 monooxygenase gene required for biosynthesis of the trichothecene toxin harzianum A in Trichoderma. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 8087-8103	5.7	8
36	Fluorescence Polarization Immunoassay for the Determination of T-2 and HT-2 Toxins and Their Glucosides in Wheat. <i>Toxins</i> , <b>2019</b> , 11,	4.9	8
35	Effects of xanthotoxin treatment on trichothecene production in Fusarium sporotrichioides. <i>Canadian Journal of Microbiology</i> , <b>2008</b> , 54, 1023-31	3.2	8
34	flavones from Calycadenia ciliosa (Compositae): Inter- and intrapopulational variation. <i>Biochemical Systematics and Ecology</i> , <b>1986</b> , 14, 29-32	1.4	8
33	Methylated flavonols from Wyethia bolanderi and Balsamorhiza macrophylla. <i>Phytochemistry</i> , <b>1985</b> , 24, 2133	4	8
32	Transition metal ion complexes of the conjugate base of 3-phenyl-5-methyl-1-hydroxypyrazole 2-oxide. <i>Journal of Inorganic and Nuclear Chemistry</i> , <b>1977</b> , 39, 1231-1233		8
31	Requirement of Two Acyltransferases for 4- O-Acylation during Biosynthesis of Harzianum A, an Antifungal Trichothecene Produced by Trichoderma arundinaceum. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 723-734	5.7	8
30	Five-year survey uncovers extensive diversity and temporal fluctuations among fusarium head blight pathogens of wheat and barley in Brazil. <i>Plant Pathology</i> , <b>2021</b> , 70, 426-435	2.8	8
29	Fusarium subtropicale, sp. nov., a novel nivalenol mycotoxin-producing species isolated from barley (Hordeum vulgare) in Brazil and sister to F. praegraminearum. <i>Mycologia</i> , <b>2018</b> , 110, 860-871	2.4	8
28	Genetic bases for variation in structure and biological activity of trichothecene toxins produced by diverse fungi. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 5185-5199	5.7	7
27	The Flavonoids of Passiflora sexflora. <i>Journal of Natural Products</i> , <b>1982</b> , 45, 782-782	4.9	7
26	Determination of 42 mycotoxins in oats using a mechanically assisted QuEChERS sample preparation and UHPLC-MS/MS detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2020</b> , 1150, 122187	3.2	7
25	Association between Solavetivone Production and Resistance to Globodera rostochiensis in Potato. <i>Journal of Agricultural and Food Chemistry</i> , <b>1997</b> , 45, 2322-2326	5.7	6

24	Pseudoflowers produced by <i>Fusarium xyrophilum</i> on yellow-eyed grass ( <i>Xyris</i> spp.) in Guyana: A novel floral mimicry system?. <i>Fungal Genetics and Biology</i> , <b>2020</b> , 144, 103466	3.9	5
23	Regional and field-specific differences in <i>Fusarium</i> species and mycotoxins associated with blighted North Carolina wheat. <i>International Journal of Food Microbiology</i> , <b>2020</b> , 323, 108594	5.8	4
22	Reactivity of Deoxynivalenol (Vomitoxin) Monoclonal Antibody Towards Putative Trichothecene Precursors and Shunt Metabolites. <i>Journal of Food Protection</i> , <b>1991</b> , 54, 288-290	2.5	4
21	6-Methoxyflavonoids from <i>Balsamorhiza</i> section <i>Artorhiza</i> . <i>Biochemical Systematics and Ecology</i> , <b>1988</b> , 16, 411-412	1.4	4
20	Some lanthanide complexes of the conjugate base of 3-phenyl-5-methyl-1-hydroxypyrazole-2-oxide. <i>Journal of Inorganic and Nuclear Chemistry</i> , <b>1977</b> , 39, 2083-2084	4	
19	Trichothecene toxin effects on barley callus and seedling growth. <i>Cereal Research Communications</i> , <b>2001</b> , 29, 115-120	1.1	4
18	Use of the volatile trichodiene to reduce <i>Fusarium</i> head blight and trichothecene contamination in wheat. <i>Microbial Biotechnology</i> , <b>2021</b> ,	6.3	4
17	Development of an LC-MS/MS Determination Method for T-2 Toxin and Its Glucoside and Acetyl Derivatives for Estimating the Contamination of Total T-2 Toxins in Staple Flours. <i>Journal of AOAC INTERNATIONAL</i> , <b>2018</b> , 101, 658-666	1.7	4
16	Microbial Correlates of Load and Deoxynivalenol Content in Individual Wheat Kernels. <i>Phytopathology</i> , <b>2019</b> , 109, 993-1002	3.8	3
15	Intrapopulation Antagonism Can Reduce the Growth and Aggressiveness of the Wheat Head Blight Pathogen. <i>Phytopathology</i> , <b>2020</b> , 110, 916-926	3.8	3
14	<i>Trichoderma</i> trichothecenes <b>2020</b> , 281-301		3
13	Characterization of Three Effectors and Their Roles During <i>Fusarium</i> Head Blight. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 579553	6.2	3
12	Role of Toxins in Plant Microbial Interactions <b>1998</b> , 17-30		3
11	DNA sequence-based identification of <i>Fusarium</i> : A work in progress.. <i>Plant Disease</i> , <b>2021</b> ,	1.5	3
10	Trichothecene Triangle: Toxins, Genes, and Plant Disease <b>2013</b> , 1-17		2
9	The flavonoids of <i>Trichophorum cespitosum</i> . <i>Phytochemistry</i> , <b>1980</b> , 21, 2991	4	2
8	Chromium(III) complexes of the conjugate bases of substituted 1-hydroxypyrazole 2-oxides. <i>Journal of Inorganic and Nuclear Chemistry</i> , <b>1977</b> , 39, 2086-2087		2
7	Changes in Wheat Nutritional Content at Elevated [CO] Alter Growth and Mycotoxin Production on Grain. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 6297-6307	5.7	1



6	Fusarium head blight resistance exacerbates nutritional loss of wheat grain at elevated CO <sub>2</sub> . <i>Scientific Reports</i> , <b>2022</b> , 12, 15	4.9	1
5	Chitin Triggers Tissue-Specific Immunity in Wheat Associated With Fusarium Head Blight.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 832502	6.2	1
4	Morphophonology		1
3	Distribution, Function, and Evolution of a Gene Essential for Trichothecene Toxin Biosynthesis in .. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 791641	5.7	0
2	Malformation Disease in (Rosy Trumpet) Caused by in Mexico. <i>Plant Disease</i> , <b>2021</b> , PDIS09201942RE	1.5	0
1	Effects of Double-Stranded RNAs Targeting on Fusarium Head Blight and Mycotoxins. <i>Phytopathology</i> , <b>2021</b> , PHYTO10200468R	3.8	0