

# Todd J Ward

## List of Publications by Year in descending order

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74  
papers

8,959  
citations

57758  
44  
h-index

79698  
73  
g-index

74  
all docs

74  
docs citations

74  
times ranked

6326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic <i>Fusarium</i> that Includes the <i>Fusarium solani</i> Species Complex. <i>Phytopathology</i> , 2021, 111, 1064-1079.	2.2	107
2	Five-year survey uncovers extensive diversity and temporal fluctuations among fusarium head blight pathogens of wheat and barley in Brazil. <i>Plant Pathology</i> , 2021, 70, 426-435.	2.4	16
3	No to <i>Neocosmospora</i> : Phylogenomic and Practical Reasons for Continued Inclusion of the <i>Fusarium solani</i> Species Complex in the Genus <i>Fusarium</i> . <i>MSphere</i> , 2020, 5, .	2.9	61
4	Intrapopulation Antagonism Can Reduce the Growth and Aggressiveness of the Wheat Head Blight Pathogen <i>Fusarium graminearum</i> . <i>Phytopathology</i> , 2020, 110, 916-926.	2.2	7
5	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> , 2020, 323, 108594.	4.7	17
6	Synergistic Phytotoxic Effects of Culmorin and Trichothecene Mycotoxins. <i>Toxins</i> , 2019, 11, 555.	3.4	32
7	<i>Fusarium graminearum</i> arabinanase (Arb93B) Enhances Wheat Head Blight Susceptibility by Suppressing Plant Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 888-898.	2.6	27
8	<i>Fusarium</i> mycotoxins: a trans-disciplinary overview. <i>Canadian Journal of Plant Pathology</i> , 2018, 40, 161-171.	1.4	37
9	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> , 2018, 273, 11-19.	4.7	34
10	Development of a PCR-RFLP method based on the transcription elongation factor 1- $\beta$ gene to differentiate <i>Fusarium graminearum</i> from other species within the <i>Fusarium graminearum</i> species complex. <i>Food Microbiology</i> , 2018, 70, 28-32.	4.2	11
11	Marasas et al. 1984 "Toxigenic <i>Fusarium</i> Species: Identity and Mycotoxicology" revisited. <i>Mycologia</i> , 2018, 110, 1058-1080.	1.9	79
12	Draft Whole-Genome Sequences of Seven <i>Listeria monocytogenes</i> Strains with Variations in Virulence and Stress Responses. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	3
13	<i>Fusarium subtropicale</i> , sp. nov., a novel nivalenol mycotoxin-producing species isolated from barley ( <i>Hordeum vulgare</i> ) in Brazil and sister to <i>F. praegraminearum</i> . <i>Mycologia</i> , 2018, 110, 860-871.	1.9	10
14	Four new species of <i>Metschnikowia</i> and the transfer of seven <i>Candida</i> species to <i>Metschnikowia</i> and <i>Clavispora</i> as new combinations. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 2017-2035.	1.7	31
15	Species composition, toxigenic potential and aggressiveness of <i>Fusarium</i> isolates causing Head Blight of barley in Uruguay. <i>Food Microbiology</i> , 2018, 76, 426-433.	4.2	38
16	Population genomics of <i>Fusarium graminearum</i> reveals signatures of divergent evolution within a major cereal pathogen. <i>PLoS ONE</i> , 2018, 13, e0194616.	2.5	75
17	<i>Listeria monocytogenes</i> Source Distribution Analysis Indicates Regional Heterogeneity and Ecological Niche Preference among Serotype 4b Clones. <i>MBio</i> , 2018, 9, .	4.1	57
18	Characterization of a <i>Fusarium graminearum</i> Salicylate Hydroxylase. <i>Frontiers in Microbiology</i> , 2018, 9, 3219.	3.5	14

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19	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> , 2017, 103, 34-41.	2.1	44
20	The Arsenic Resistance-Associated <i>Listeria</i> Genomic Island LGI2 Exhibits Sequence and Integration Site Diversity and a Propensity for Three <i>Listeria</i> monocytogenes Clones with Enhanced Virulence. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	50
21	Differential triazole sensitivity among members of the <i>Fusarium graminearum</i> species complex infecting barley grains in Brazil. <i>Tropical Plant Pathology</i> , 2017, 42, 197-202.	1.5	11
22	<i>Listeria monocytogenes</i> septicemia in an immunocompromised dog. <i>Veterinary Clinical Pathology</i> , 2016, 45, 254-259.	0.7	11
23	Isolation and characterization of atypical <i>Listeria monocytogenes</i> associated with a canine urinary tract infection. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 604-607.	1.1	8
24	The geographic distribution and complex evolutionary history of the NX-2 trichothecene chemotype from <i>Fusarium graminearum</i> . <i>Fungal Genetics and Biology</i> , 2016, 95, 39-48.	2.1	55
25	Determination of Evolutionary Relationships of Outbreak-Associated <i>Listeria monocytogenes</i> Strains of Serotypes 1/2a and 1/2b by Whole-Genome Sequencing. <i>Applied and Environmental Microbiology</i> , 2016, 82, 928-938.	3.1	58
26	<i>Fusarium praegraminearum</i> sp. nov., a novel nivalenol mycotoxin-producing pathogen from New Zealand can induce head blight on wheat. <i>Mycologia</i> , 2016, 108, 1229-1239.	1.9	12
27	New tricks of an old enemy: isolates of <i>Fusarium graminearum</i> produce a type A trichothecene mycotoxin. <i>Environmental Microbiology</i> , 2015, 17, 2588-2600.	3.8	145
28	Population Subdivision of <i>Fusarium graminearum</i> from Barley and Wheat in the Upper Midwestern United States at the Turn of the Century. <i>Phytopathology</i> , 2015, 105, 1466-1474.	2.2	21
29	Polyglycine hydrolases: Fungal $\beta$ -lactamase-like endoproteases that cleave polyglycine regions within plant class IV chitinases. <i>Protein Science</i> , 2015, 24, 1147-1157.	7.6	12
30	<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> , 2015, 107, 409-418.	1.9	34
31	DNA sequence-based identification of <i>Fusarium</i> : Current status and future directions. <i>Phytoparasitica</i> , 2015, 43, 583-595.	1.2	275
32	Regional and Field-Specific Factors Affect the Composition of <i>Fusarium</i> Head Blight Pathogens in Subtropical No-Till Wheat Agroecosystem of Brazil. <i>Phytopathology</i> , 2015, 105, 246-254.	2.2	106
33	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> , 2015, 82, 22-31.	2.1	96
34	Diversity of the <i>Fusarium graminearum</i> species complex on French cereals. <i>European Journal of Plant Pathology</i> , 2014, 138, 133-148.	1.7	60
35	Population Structure of <i>Listeria monocytogenes</i> Serotype 4b Isolates from Sporadic Human Listeriosis Cases in the United States from 2003 to 2008. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3632-3644.	3.1	25
36	Birth, death and horizontal transfer of the fumonisin biosynthetic gene cluster during the evolutionary diversification of <i>Fusarium</i> . <i>Molecular Microbiology</i> , 2013, 90, 290-306.	2.5	118

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37	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> , 2013, 52, 20-31.	2.1	366
38	One Fungus, One Name: Defining the Genus <i>Fusarium</i> in a Scientifically Robust Way That Preserves Longstanding Use. <i>Phytopathology</i> , 2013, 103, 400-408.	2.2	219
39	<i>Listeria monocytogenes</i> . , 2013, , 27-38.		1
40	Atypical <i>Listeria monocytogenes</i> Serotype 4b Strains Harboring a Lineage II-Specific Gene Cassette. <i>Applied and Environmental Microbiology</i> , 2012, 78, 660-667.	3.1	45
41	Heavy Metal and Disinfectant Resistance of <i>Listeria monocytogenes</i> from Foods and Food Processing Plants. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6938-6945.	3.1	72
42	Systematics, Phylogeny and Trichothecene Mycotoxin Potential of <i>Fusarium</i> Head Blight Cereal Pathogens. <i>Mycotoxins</i> , 2012, 62, 91-102.	0.2	99
43	Analysis of the <i>Fusarium graminearum</i> species complex from wheat, barley and maize in South Africa provides evidence of species-specific differences in host preference. <i>Fungal Genetics and Biology</i> , 2011, 48, 914-920.	2.1	116
44	Novel <i>Fusarium</i> head blight pathogens from Nepal and Louisiana revealed by multilocus genealogical concordance. <i>Fungal Genetics and Biology</i> , 2011, 48, 1096-1107.	2.1	186
45	Nivalenol-Type Populations of <i>Fusarium graminearum</i> and <i>F. asiaticum</i> Are Prevalent on Wheat in Southern Louisiana. <i>Phytopathology</i> , 2011, 101, 124-134.	2.2	167
46	<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> , 2011, 147, 58-68.	4.7	61
47	Cyber infrastructure for <i>Fusarium</i> : three integrated platforms supporting strain identification, phylogenetics, comparative genomics and knowledge sharing. <i>Nucleic Acids Research</i> , 2011, 39, D640-D646.	14.5	63
48	A comparison of aggressiveness and deoxynivalenol production between Canadian <i>Fusarium graminearum</i> isolates with 3-acetyl and 15-acetyldeoxynivalenol chemotypes in field-grown spring wheat. <i>European Journal of Plant Pathology</i> , 2010, 127, 407-417.	1.7	84
49	Molecular and Phenotypic Characterization of <i>Listeria monocytogenes</i> from U.S. Department of Agriculture Food Safety and Inspection Service Surveillance of Ready-to-Eat Foods and Processing Facilities. <i>Journal of Food Protection</i> , 2010, 73, 861-869.	1.7	46
50	A Targeted Multilocus Genotyping Assay for Lineage, Serogroup, and Epidemic Clone Typing of <i>Listeria monocytogenes</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 6680-6684.	3.1	48
51	Reconciling Ecological and Genomic Divergence among Lineages of <i>Listeria</i> under an "Extended Mosaic Genome Concept". <i>Molecular Biology and Evolution</i> , 2009, 26, 2605-2615.	8.9	23
52	A novel Asian clade within the <i>Fusarium graminearum</i> species complex includes a newly discovered cereal head blight pathogen from the Russian Far East. <i>Mycologia</i> , 2009, 101, 841-852.	1.9	169
53	An adaptive evolutionary shift in <i>Fusarium</i> head blight pathogen populations is driving the rapid spread of more toxigenic <i>Fusarium graminearum</i> in North America. <i>Fungal Genetics and Biology</i> , 2008, 45, 473-484.	2.1	427
54	Multilocus genotyping and molecular phylogenetics resolve a novel head blight pathogen within the <i>Fusarium graminearum</i> species complex from Ethiopia. <i>Fungal Genetics and Biology</i> , 2008, 45, 1514-1522.	2.1	186

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55	Birth-and-death evolution of the internalin multigene family in <i>Listeria</i> . <i>Gene</i> , 2008, 427, 124-128.	2.2	13
56	Multilocus Genotyping Assays for Single Nucleotide Polymorphism-Based Subtyping of <i>Listeria monocytogenes</i> Isolates. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7629-7642.	3.1	173
57	A Single-Nucleotide-Polymorphism-Based Multilocus Genotyping Assay for Subtyping Lineage I Isolates of <i>Listeria monocytogenes</i> . <i>Applied and Environmental Microbiology</i> , 2007, 73, 133-147.	3.1	80
58	Global molecular surveillance reveals novel <i>Fusarium</i> head blight species and trichothecene toxin diversity. <i>Fungal Genetics and Biology</i> , 2007, 44, 1191-1204.	2.1	411
59	The <i>Fusarium graminearum</i> Genome Reveals a Link Between Localized Polymorphism and Pathogen Specialization. <i>Science</i> , 2007, 317, 1400-1402.	12.6	837
60	Phylogenetic Diversity and Microsphere Array-Based Genotyping of Human Pathogenic <i>Fusaria</i> , Including Isolates from the Multistate Contact Lens-Associated U.S. Keratitis Outbreaks of 2005 and 2006. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2235-2248.	3.9	257
61	The presence of GC-AG introns in <i>Neurospora crassa</i> and other euascomycetes determined from analyses of complete genomes: implications for automated gene prediction. <i>Genomics</i> , 2006, 87, 338-347.	2.9	23
62	Conservation genomics: disequilibrium mapping of domestic cattle chromosomal segments in North American bison populations. <i>Molecular Ecology</i> , 2005, 14, 2343-2362.	3.9	50
63	Suspension Microarray with Dendrimer Signal Amplification Allows Direct and High-Throughput Subtyping of <i>Listeria monocytogenes</i> from Genomic DNA. <i>Journal of Clinical Microbiology</i> , 2005, 43, 3255-3259.	3.9	51
64	Evolution of a large ribosomal RNA multigene family in filamentous fungi: Birth and death of a concerted evolution paradigm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5084-5089.	7.1	169
65	Intraspecific Phylogeny and Lineage Group Identification Based on the <i>prfA</i> Virulence Gene Cluster of <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , 2004, 186, 4994-5002.	2.2	181
66	FUSARIUM-ID v. 1.0: A DNA Sequence Database for Identifying <i>Fusarium</i> . <i>European Journal of Plant Pathology</i> , 2004, 110, 473-479.	1.7	860
67	Genealogical concordance between the mating type locus and seven other nuclear genes supports formal recognition of nine phylogenetically distinct species within the <i>Fusarium graminearum</i> clade. <i>Fungal Genetics and Biology</i> , 2004, 41, 600-623.	2.1	666
68	The trichothecene biosynthesis gene cluster of <i>Fusarium graminearum</i> F15 contains a limited number of essential pathway genes and expressed non-essential genes. <i>FEBS Letters</i> , 2003, 539, 105-110.	2.8	138
69	Ancestral polymorphism and adaptive evolution in the trichothecene mycotoxin gene cluster of phytopathogenic <i>Fusarium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9278-9283.	7.1	489
70	Evolutionary Relationships among Mucoralean Fungi (Zygomycota): Evidence for Family Polyphyly on a Large Scale. <i>Mycologia</i> , 2001, 93, 286.	1.9	103
71	Evolutionary relationships among mucoralean fungi (Zygomycota): Evidence for family polyphyly on a large scale. <i>Mycologia</i> , 2001, 93, 286-297.	1.9	145
72	Phylogenetic analysis with newly characterized <i>Babesia bovis</i> hsp70 and hsp90 provides strong support for paraphyly within the piroplasms. <i>Molecular and Biochemical Parasitology</i> , 2000, 109, 67-72.	1.1	24

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73	Identification of domestic cattle hybrids in wild cattle and bison species: a general approach using mtDNA markers and the parametric bootstrap. <i>Animal Conservation</i> , 1999, 2, 51-57.	2.9	70
74	Nucleotide Sequence Evolution at the $\kappa$ -Casein Locus: Evidence for Positive Selection Within the Family Bovidae. <i>Genetics</i> , 1997, 147, 1863-1872.	2.9	44