

Timothy D Murray

List of Publications by Year in descending order

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106
papers

1,768
citations

257450

24
h-index

377865

34
g-index

109
all docs

109
docs citations

109
times ranked

1078
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Alien Genes for the Development of Disease Resistance in Wheat. Annual Review of Phytopathology, 1995, 33, 429-443.	7.8	64
2	A New Source of Resistance to <i>Pseudocercospora herpotrichoides</i> , Cause of Eyespot Disease of Wheat, Located on Chromosome 4V of <i>Dasypyrum villosum</i> . Plant Breeding, 1994, 113, 281-286.	1.9	58
3	Mapping a gene conferring resistance to <i>Pseudocercospora herpotrichoides</i> on chromosome 4V of <i>Dasypyrum villosum</i> in a wheat background. Genome, 1998, 41, 1-6.	2.0	57
4	Perennial wheat: The development of a sustainable cropping system for the U.S. Pacific Northwest. Renewable Agriculture and Food Systems, 2001, 16, 147-151.	0.5	55
5	A Multiplex PCR Test for Determination of Mating Type Applied to the Plant Pathogens <i>Tapesia yallundae</i> and <i>Tapesia acuformis</i> . Fungal Genetics and Biology, 2001, 33, 173-180.	2.1	53
6	A single chromosome addition from <i>Thinopyrum elongatum</i> confers a polycarpic, perennial habit to annual wheat. Journal of Experimental Botany, 2004, 55, 1715-1720.	4.8	52
7	Molecular cytogenetic characterization of <i>Thinopyrum</i> and wheat- <i>Thinopyrum</i> translocated chromosomes in a wheat- <i>Thinopyrum</i> amphiploid. Chromosome Research, 1998, 6, 183-189.	2.2	48
8	Development of Perennial Wheat Through Hybridization Between Wheat and Wheatgrasses: A Review. Engineering, 2018, 4, 507-513.	6.7	43
9	Perennial Wheat Germ Plasm Lines Resistant to Eyespot, Cephalosporium Stripe, and Wheat Streak Mosaic. Plant Disease, 2002, 86, 1043-1048.	1.4	41
10	Pathogenicity, host-specificity, and population biology of <i>tapesia</i> spp., causal agents of eyespot disease of cereals. Advances in Botanical Research, 2000, 33, 225-258.	1.1	40
11	Linkage relations among eyespot resistance gene Pch2, endopeptidase Ep-A1b, and RFLP marker Xpsr121 on chromosome 7A of wheat. Plant Breeding, 1996, 115, 273-275.	1.9	39
12	Genomic Regions Associated with Tolerance to Freezing Stress and Snow Mold in Winter Wheat. G3: Genes, Genomes, Genetics, 2017, 7, 775-780.	1.8	39
13	<i>Rathayibacter toxicus</i> , Other <i>Rathayibacter</i> Species Inducing Bacterial Head Blight of Grasses, and the Potential for Livestock Poisonings. Phytopathology, 2017, 107, 804-815.	2.2	39
14	Identification of an RFLP interval containing Pch2 on chromosome 7AL in wheat. Genome, 1997, 40, 249-252.	2.0	36
15	Characterization of an <i>Agropyron elongatum</i> chromosome conferring resistance to cephalosporium stripe in common wheat. Genome, 1996, 39, 56-62.	2.0	35
16	Evaluation of <i>Dasypyrum villosum</i> Populations for Resistance to Cereal Eyespot and Stripe Rust Pathogens. Plant Disease, 2000, 84, 40-44.	1.4	35
17	Multilocus population structure of <i>Tapesia yallundae</i> in Washington State. Molecular Ecology, 2008, 11, 2229-2239.	3.9	33
18	Mapping a gene conferring resistance to <i>Pseudocercospora herpotrichoides</i> on chromosome 4V of <i>Dasypyrum villosum</i> in a wheat background. Genome, 1998, 41, 1-6.	2.0	33

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19	Resistance to eyespot of wheat, caused by <i>Tapesia yellundae</i> , derived from <i>Thinopyrum intermedium</i> homoeologous group 4 chromosome. <i>Theoretical and Applied Genetics</i> , 2005, 111, 932-940.	3.6	31
20	Identification of Resistance to <i>Pseudocercospora herpotrichoides</i> in <i>Triticum monococcum</i> . <i>Plant Disease</i> , 1997, 81, 1181-1186.	1.4	30
21	Mapping QTL for resistance to eyespot of wheat in <i>Aegilops longissima</i> . <i>Theoretical and Applied Genetics</i> , 2012, 125, 355-366.	3.6	30
22	Identifying Wheat Genotypes Resistant to Eyespot Disease with β -Glucuronidase-Transformed Strain of <i>Pseudocercospora herpotrichoides</i> . <i>Phytopathology</i> , 1994, 84, 972.	2.2	30
23	Registration of "Xerpha"™ Wheat. <i>Journal of Plant Registrations</i> , 2010, 4, 137-140.	0.5	29
24	Resistance to Benzimidazole Fungicides in the Cereal Eyespot Pathogen, <i>Pseudocercospora herpotrichoides</i> , in the Pacific Northwest 1984 to 1990. <i>Plant Disease</i> , 1996, 80, 19.	1.4	28
25	Mapping a gene conferring resistance to Wheat yellow mosaic virus in European winter wheat cultivar "Ibis"™ (<i>Triticum aestivum</i> L.). <i>Euphytica</i> , 2010, 176, 223-229.	1.2	27
26	Registration of "Otto"™ Wheat. <i>Journal of Plant Registrations</i> , 2013, 7, 195-200.	0.5	26
27	Registration of "Bruehl"™ Wheat. <i>Crop Science</i> , 2001, 41, 2006-2007.	1.8	25
28	Molecular cytogenetic characterization of <i>Thinopyrum</i> genomes conferring perennial growth habit in wheat- <i>Thinopyrum</i> amphiploids. <i>Plant Breeding</i> , 2001, 120, 21-26.	1.9	25
29	Species and Mating-Type Distribution of <i>Tapesia yellundae</i> and <i>T. acuformis</i> and Occurrence of Apothecia in the U.S. Pacific Northwest. <i>Phytopathology</i> , 2002, 92, 703-709.	2.2	25
30	A New Source of Resistance to <i>Tapesia yellundae</i> Associated with a Homoeologous Group 4 Chromosome in <i>Thinopyrum ponticum</i> . <i>Phytopathology</i> , 2004, 94, 932-937.	2.2	24
31	Breeding new cultivars for sustainable wheat production. <i>Crop Journal</i> , 2019, 7, 715-717.	5.2	23
32	Registration of "Puma"™ Soft White Winter Wheat. <i>Journal of Plant Registrations</i> , 2014, 8, 273-278.	0.5	21
33	Resistance to soil-borne diseases of wheat: Contributions from the wheatgrasses <i>Thinopyrum intermedium</i> and <i>Th. ponticum</i> . <i>Canadian Journal of Plant Science</i> , 2008, 88, 195-205.	0.9	20
34	Role of the Hypodermis and Secondary Cell Wall Thickening in Basal Stem Internodes in Resistance to Strawbreaker Foot Rot in Winter Wheat. <i>Phytopathology</i> , 1983, 73, 261.	2.2	20
35	<i>Rathayibacter agropyri</i> (non O"™Gara 1916) comb. nov., nom. rev., isolated from western wheatgrass (<i>Pascopyrum smithii</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1519-1525.	1.7	20
36	Genetic Variation of <i>Wheat streak mosaic virus</i> in the United States Pacific Northwest. <i>Phytopathology</i> , 2013, 103, 98-104.	2.2	19

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37	Genetic Dissection of Snow Mold Tolerance in US Pacific Northwest Winter Wheat Through Genome-Wide Association Study and Genomic Selection. <i>Frontiers in Plant Science</i> , 2019, 10, 1337.	3.6	19
38	Control of <i>Cephalosporium</i> Stripe of Winter Wheat by Liming. <i>Plant Disease</i> , 1992, 76, 282.	1.4	18
39	Effective Resources in Wheat and Wheatâ€™s <i>Thinopyrum</i> Derivatives for Resistance to <i>Heterodera filipjevi</i> in China. <i>Crop Science</i> , 2012, 52, 1209-1217.	1.8	17
40	Polymorphic nuclear gene sequences indicate a novel genome donor in the polyploid genus <i>Thinopyrum</i> . <i>Hereditas</i> , 2011, 148, 8-27.	1.4	16
41	Registration of â€™Jasperâ€™™ Soft White Winter Wheat. <i>Journal of Plant Registrations</i> , 2017, 11, 263-268.	0.5	16
42	Genome-wide association mapping for eyespot disease in US Pacific Northwest winter wheat. <i>PLoS ONE</i> , 2018, 13, e0194698.	2.5	16
43	Isolation of <i>Corynebacterium agropyri</i> from 30- to 40-Year-Old Herbarium Specimens of <i>Agropyron</i> Species. <i>Plant Disease</i> , 1986, 70, 378.	1.4	16
44	Effects of Root-Wounding and Inoculum Density on <i>Cephalosporium</i> Stripe in Winter Wheat. <i>Phytopathology</i> , 1990, 80, 1108.	2.2	16
45	Infection of Field-Grown Winter Wheat by <i>Cephalosporium gramineum</i> and the Effect of Soil pH. <i>Phytopathology</i> , 1996, 86, 177.	2.2	16
46	Resistance of Winter Wheats to <i>Cephalosporium</i> Stripe in the Field. <i>Plant Disease</i> , 1986, 70, 314.	1.4	15
47	Sporulation and Survival of Conidia of <i>Cephalosporium gramineum</i> as Influenced by Soil pH, Soil Matric Potential, and Soil Fumigation. <i>Phytopathology</i> , 1989, 79, 787.	2.2	15
48	Quantitative <i>Cephalosporium</i> Stripe Disease Resistance Mapped in the Wheat Genome. <i>Crop Science</i> , 2016, 56, 1586-1601.	1.8	13
49	Papilla Formation and Hypersensitivity at Penetration Sites and Resistance to <i>Pseudocercospora herpotrichoides</i> in Winter Wheat. <i>Phytopathology</i> , 1986, 76, 737.	2.2	13
50	Whole genome sequence of two <i>Rhizobium toxicus</i> strains reveals a tunicamycin biosynthetic cluster similar to <i>Streptomyces chartreusis</i> . <i>PLoS ONE</i> , 2017, 12, e0183005.	2.5	13
51	Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 1998, 45, 47-56.	1.6	12
52	Seed Transmission of <i>Cephalosporium gramineum</i> in Winter Wheat. <i>Plant Disease</i> , 2006, 90, 803-806.	1.4	12
53	Characterization of Resistance to the Cereal Cyst Nematode in the Soft White Winter Wheat â€™Madsenâ€™™. <i>Plant Disease</i> , 2016, 100, 679-685.	1.4	12
54	Resistance to <i>Heterodera filipjevi</i> and <i>H. avenae</i> in Winter Wheat is Conferred by Different QTL. <i>Phytopathology</i> , 2020, 110, 472-482.	2.2	12

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55	Biology and control of cephalosporium stripe of wheat. <i>Plant Pathology</i> , 2014, 63, 1207-1217.	2.4	11
56	Influence of Soil Matric Potential and Soil pH on Cephalosporium Stripe of Winter Wheat in the Greenhouse. <i>Plant Disease</i> , 1988, 72, 1011.	1.4	11
57	Infection of Winter Wheat by a β -Glucuronidase-Transformed Isolate of <i>Cephalosporium gramineum</i> . <i>Phytopathology</i> , 2001, 91, 232-239.	2.2	10
58	Identifying New Sources of Resistance to Eyespot of Wheat in <i>Aegilops longissima</i> . <i>Plant Disease</i> , 2013, 97, 346-353.	1.4	10
59	Evolution of the U.S. Biological Select Agent <i>Rathayibacter toxicus</i> . <i>MBio</i> , 2018, 9, .	4.1	10
60	Registration of "Cara"™ Soft White Winter Club Wheat. <i>Journal of Plant Registrations</i> , 2013, 7, 81-88.	0.5	10
61	Influence of pH and Matric Potential on Germination of <i>Cephalosporium gramineum</i> Conidia. <i>Plant Disease</i> , 1998, 82, 975-978.	1.4	9
62	Education in Plant Pathology: Present Status and Future Challenges. <i>Plant Disease</i> , 2009, 93, 1238-1251.	1.4	9
63	Occurrence and Survival of Apothecia of the Eyespot Pathogens <i>Oculimacula acuformis</i> and <i>O. yallundae</i> on Wheat Stubble in the U.S. Pacific Northwest. <i>Plant Disease</i> , 2016, 100, 991-995.	1.4	9
64	Effects of Host Resistance to <i>Pseudocercospora herpotrichoides</i> and Foot Rot Severity on Yield and Yield Components in Winter Wheat. <i>Plant Disease</i> , 1986, 70, 851.	1.4	9
65	Population Genetic Structure of <i>Tapesia acuformis</i> in Washington State. <i>Phytopathology</i> , 2003, 93, 650-656.	2.2	8
66	Registration of "Masami"™ Wheat. <i>Crop Science</i> , 2006, 46, 476-477.	1.8	8
67	Registration of "Bauermeister"™ Wheat. <i>Crop Science</i> , 2007, 47, 430-431.	1.8	7
68	PCR-Based Detection of <i>Cephalosporium gramineum</i> in Winter Wheat. <i>Plant Disease</i> , 2012, 96, 437-442.	1.4	7
69	An endophyte of <i>Macrochloa tenacissima</i> (esparto or needle grass) from Tunisia is a novel species in the <i>Fusarium redolens</i> species complex. <i>Mycologia</i> , 2020, 112, 792-807.	1.9	7
70	Influence of Cold-Hardening and Soil Matric Potential on Resistance to Speckled Snow Mold in Wheat. <i>Plant Disease</i> , 2008, 92, 1021-1025.	1.4	6
71	Registration of "Pritchett"™ Soft White Winter Club Wheat. <i>Journal of Plant Registrations</i> , 2017, 11, 152-158.	0.5	6
72	Influence of pH and Matric Potential on Sporulation of <i>Cephalosporium gramineum</i> . <i>Phytopathology</i> , 1991, 81, 79.	2.2	6

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73	Mapping resistance genes for <i>Oculimacula acuformis</i> in <i>Aegilops longissima</i> . <i>Theoretical and Applied Genetics</i> , 2014, 127, 2085-2093.	3.6	5
74	Targeted and efficient transfer of value-added genes into a wheat variety. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	5
75	Evaluating Selection of a Quantitative Trait: Snow Mold Tolerance in Winter Wheat. , 2019, 2, 1-8.		5
76	Survey of take-all (<i>Gaeumannomyces tritici</i>) on cereals in Tunisia and impact of crop sequences. <i>Crop Protection</i> , 2020, 135, 105189.	2.1	5
77	Use of Epidermal Cell Responses to Evaluate Resistance of Winter Wheat Cultivars to <i>Pseudocercospora herpotrichoides</i> . <i>Phytopathology</i> , 1989, 79, 1043.	2.2	5
78	A psychrophilic <i>Orbicula</i> associated with oat kernels. <i>The Mycologist</i> , 1991, 5, 113-114.	0.4	4
79	US Preparations for Potential Introduction of Ug99 Strains of Wheat Stem Rust. <i>Outlooks on Pest Management</i> , 2009, 20, 148-152.	0.2	4
80	Resistance to <i>Oculimacula yallundae</i> and <i>Oculimacula acuformis</i> conferred by <i>Pch2</i> in wheat. <i>Plant Pathology</i> , 2014, 63, 400-404.	2.4	4
81	Registration of "Northern"™ Hard Red Winter Wheat. <i>Journal of Plant Registrations</i> , 2016, 10, 135-138.	0.5	4
82	Registration of "Loma"™ Hard Red Winter Wheat. <i>Journal of Plant Registrations</i> , 2017, 11, 281-284.	0.5	4
83	Mapping QTL conferring speckled snow mold resistance in winter wheat (<i>Triticum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	1.9	4
84	Soil Application of Benzimidazole Fungicides for the Control of <i>Cephalosporium Stripe</i> in the Greenhouse and Field. <i>Plant Disease</i> , 1988, 72, 1054.	1.4	4
85	Identification of snow mold tolerance QTL in a landrace winter wheat using linkage mapping. <i>Crop Science</i> , 0, , .	1.8	4
86	How "Madsen"™ has shaped Pacific Northwest wheat and beyond. <i>Journal of Plant Registrations</i> , 2020, 14, 223-233.	0.5	3
87	Carbohydrate Accumulation and Differential Transcript Expression in Winter Wheat Lines with Different Levels of Snow Mold and Freezing Tolerance after Cold Treatment. <i>Plants</i> , 2020, 9, 1416.	3.5	3
88	Immunoreagents for development of a diagnostic assay specific for <i>Rathayibacter toxicus</i> . <i>Food and Agricultural Immunology</i> , 2020, 31, 231-242.	1.4	3
89	First Report of Bacterial Head Blight of <i>Pseudoroegneria spicata</i> subsp. <i>spicata</i> Caused by <i>Rathayibacter agropyri</i> in Idaho. <i>Plant Disease</i> , 2020, 104, 1534.	1.4	3
90	First Report of Black Chaff of Wheat Caused by <i>Xanthomonas campestris</i> pv. <i>translucens</i> in Washington State. <i>Plant Disease</i> , 1990, 74, 183.	1.4	3

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91	The Identification and Conservation of Tunicaminyuracil-Related Biosynthetic Gene Clusters in Several Rathayibacter Species Collected From Australia, Africa, Eurasia, and North America. <i>Frontiers in Microbiology</i> , 2019, 10, 2914.	3.5	3
92	Registration of â€˜MDMâ€™™ Wheat. <i>Journal of Plant Registrations</i> , 2007, 1, 104-106.	0.5	2
93	Occurrence of sclerotinia stem rot of fenugreek caused by <i>Sclerotinia trifoliorum</i> and <i>S. sclerotiorum</i> in Tunisia. <i>European Journal of Plant Pathology</i> , 2017, 149, 587-597.	1.7	2
94	Registration of â€˜Mela CL+â€™™ soft white winter wheat. <i>Journal of Plant Registrations</i> , 2020, 14, 144-152.	0.5	2
95	Registration of â€˜Curiosity CL+â€™™ soft white winter wheat. <i>Journal of Plant Registrations</i> , 2020, 14, 377-387.	0.5	2
96	Registration of â€˜Devoteâ€™™ soft white winter wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 121-131.	0.5	2
97	Registration of â€˜Castellaâ€™™ soft white winter club wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 504-514.	0.5	2
98	Registration of â€˜ARS Crescentâ€™™ soft white winter club wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 515-526.	0.5	2
99	Composition of Wheat Straw Infested with <i>Cephalosporium gramineum</i> and Implications for Its Decomposition in Soil. <i>Phytopathology</i> , 1983, 73, 1046.	2.2	2
100	<i>Afrina sporoboliae</i> sp. n. (Nematoda: Anguinidae) Associated with <i>Sporobolus cryptandrus</i> from Idaho, United States: Phylogenetic Relationships and Population Structure. <i>Phytopathology</i> , 2018, 108, 768-779.	2.2	1
101	Registration of â€˜Purlâ€™™ soft white winter wheat. <i>Journal of Plant Registrations</i> , 2020, 14, 398-405.	0.5	1
102	Registration of â€˜Stingray CL+â€™™ soft white winter wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 161-171.	0.5	0
103	Registration of â€˜Scorpioâ€™™ hard red winter wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 113-120.	0.5	0
104	Occurrence of eyespot of cereals in Tunisia and identification of <i>Oculimacula</i> species and mating types. <i>Canadian Journal of Plant Pathology</i> , 0, , .	1.4	0
105	First Report of Tan Spot of Wheat Caused by <i>Pyrenophora tritici-repentis</i> in the Pacific Northwest. <i>Plant Disease</i> , 2003, 87, 203-203.	1.4	0
106	Registration of â€˜Resilience CL+â€™™ soft white winter wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 196-205.	0.5	0