Glen L Hartman

List of Publications by Year
in descending order

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235 papers	9,168 citations	41323 49 h-index	69214 77 g-index
236 all docs	236 docs citations	236 times ranked	5828 citing authors

#	Article	IF	Citations
1	Crops that feed the World 2. Soybeanâ€"worldwide production, use, and constraints caused by pathogens and pests. Food Security, 2011, 3, 5-17.	2.4	419
2	Identification of Diverse Mycoviruses through Metatranscriptomics Characterization of the Viromes of Five Major Fungal Plant Pathogens. Journal of Virology, 2016, 90, 6846-6863.	1.5	252
3	Discovery of Soybean Aphid Biotypes. Crop Science, 2008, 48, 923-928.	0.8	201
4	A Single Dominant Gene for Resistance to the Soybean Aphid in the Soybean Cultivar Dowling. Crop Science, 2006, 46, 1601-1605.	0.8	186
5	No net insect abundance and diversity declines across US Long Term Ecological Research sites. Nature Ecology and Evolution, 2020, 4, 1368-1376.	3.4	147
6	Isoflavonoid accumulation in soybean hairy roots upon treatment with Fusarium solani. Plant Physiology and Biochemistry, 2004, 42, 671-679.	2.8	144
7	A New Soybean Aphid (Hemiptera: Aphididae) Biotype Identified. Journal of Economic Entomology, 2010, 103, 509-515.	0.8	144
8	Breeding for Resistance to Soybean Rust. Plant Disease, 2005, 89, 664-666.	0.7	143
9	Map Location of the Rpp1 Locus That Confers Resistance to Soybean Rust in Soybean. Crop Science, 2007, 47, 837-838.	0.8	132
10	Evaluation of Virulence of Phakopsora pachyrhizi and P. meibomiae Isolates. Plant Disease, 2006, 90, 708-716.	0.7	126
11	Effect of Three Resistant Soybean Genotypes on the Fecundity, Mortality, and Maturation of Soybean Aphid (Homoptera: Aphididae). Journal of Economic Entomology, 2004, 97, 1106-1111.	0.8	125
12	Soybean defense responses to the soybean aphid. New Phytologist, 2008, 179, 185-195.	3.5	121
13	Soybean Aphid Resistance in Soybean Jackson Is Controlled by a Single Dominant Gene. Crop Science, 2006, 46, 1606-1608.	0.8	119
14	Efficacy of Fungicides on Sclerotinia sclerotiorum and Their Potential for Control of Sclerotinia Stem Rot on Soybean. Plant Disease, 2002, 86, 26-31.	0.7	109
15	Soybean Rust Development and the Quantitative Relationship Between Rust Severity and Soybean Yield. Plant Disease, 1991, 75, 596.	0.7	109
16	Germplasm Evaluation of Glycine max for Resistance to Fusarium solani, the Causal Organism of Sudden Death Syndrome. Plant Disease, 1997, 81, 515-518.	0.7	107
17	Metagenome-Wide Association Study and Machine Learning Prediction of Bulk Soil Microbiome and Crop Productivity. Frontiers in Microbiology, 2017, 8, 519.	1.5	101
18	Detection and Quantification of Fusarium solani f. sp. glycines in Soybean Roots with Real-Time Quantitative Polymerase Chain Reaction. Plant Disease, 2004, 88, 1372-1380.	0.7	95

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19	Characterization of Disease Resistance Loci in the USDA Soybean Germplasm Collection Using Genome-Wide Association Studies. Phytopathology, 2016, 106, 1139-1151.	1.1	91
20	Modification of phenolic metabolism in soybean hairy roots through down regulation of chalcone synthase or isoflavone synthase. Planta, 2007, 225, 665-679.	1.6	89
21	Resistance to the Soybean Aphid in Soybean Germplasm. Crop Science, 2004, 44, 98.	0.8	89
22	Molecular Detection of Diaporthe phaseolorum and Phomopsis longicolla from Soybean Seeds. Phytopathology, 1999, 89, 796-804.	1.1	88
23	Mycelial Compatibility Grouping and Aggressiveness of Sclerotinia sclerotiorum. Plant Disease, 2004, 88, 325-332.	0.7	88
24	Molecular Identification and Phylogenetic Grouping of Diaporthe phaseolorum and Phomopsis longicolla Isolates from Soybean. Phytopathology, 1998, 88, 1306-1314.	1.1	87
25	Fine mapping the soybean aphid resistance gene Rag1 in soybean. Theoretical and Applied Genetics, 2010, 120, 1063-1071.	1.8	87
26	Transfection of Sclerotinia sclerotiorum with In Vitro Transcripts of a Naturally Occurring Interspecific Recombinant of Sclerotinia sclerotiorum Hypovirus 2 Significantly Reduces Virulence of the Fungus. Journal of Virology, 2015, 89, 5060-5071.	1.5	84
27	Resistance and virulence in the soybean-Aphis glycines interaction. Euphytica, 2012, 186, 635-646.	0.6	83
28	Occurrence and Distribution of Aphis glycines on Soybeans in Illinois in 2000 and Its Potential Control. Plant Health Progress, 2001, 2, .	0.8	82
29	Mapping and Confirmation of a New Allele at Rpp1 from Soybean PI 594538A Conferring RB Lesionâ€“Type Resistance to Soybean Rust. Crop Science, 2009, 49, 783-790.	0.8	82
30	Using PCR to Distinguish Diaporthe phaseolorum and Phomopsis longicolla from Other Soybean Fungal Pathogens and to Detect Them in Soybean Tissues. Plant Disease, 1997, 81, 1143-1149.	0.7	79
31	International Fungicide Efficacy Trials for the Management of Soybean Rust. Plant Disease, 2007, 91, 1450-1458.	0.7	79
32	Differential Responses of Resistant Soybean Entries to Isolates of Phakopsora pachyrhizi. Plant Disease, 2009, 93, 224-228.	0.7	77
33	Evaluation of Resistance Screening Methods for Sclerotinia Stem Rot of Soybean and Dry Bean. Plant Disease, 2003, 87, 1471-1476.	0.7	76
34	Fine mapping of the soybean aphid-resistance gene Rag2 in soybean PI 200538. Theoretical and Applied Genetics, 2010, 121, 599-610.	1.8	76
35	Inheritance of Resistance to the Soybean Aphid in Soybean PI 200538. Crop Science, 2009, 49, 1193-1200.	0.8	75
36	Evaluation of Soybean Germplasm for Resistance to Phakopsora pachyrhizi. Plant Health Progress, 2006, 7, .	0.8	74

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37	Overexpression of <scp>GmCaM4</scp> in soybean enhances resistance to pathogens and tolerance to salt stress. Molecular Plant Pathology, 2014, 15, 145-160.	2.0	74
38	Effect of Fungicide and Timing of Application on Soybean Rust Severity and Yield. Plant Disease, 2009, 93, 243-248.	0.7	73
39	Yield and Seed Quality of Soybean Cultivars Infected with Sclerotinia sclerotiorum. Plant Disease, 1998, 82, 826-829.	0.7	69
40	Adult Plant Evaluation of Soybean Accessions for Resistance to Phakopsora pachyrhizi in the Field and Greenhouse in Paraguay. Plant Disease, 2008, 92, 96-105.	0.7	65
41	Variable Reaction of Tomato Lines to Bacterial Wilt Evaluated at Several Locations in Southeast Asia. Hortscience: A Publication of the American Society for Hortcultural Science, 1996, 31, 143-146.	0.5	63
42	Mosquito microbiota cluster by host sampling location. Parasites and Vectors, 2018, 11, 468.	1.0	61
43	Resistance of <I>Glycine</I> Species and Various Cultivated Legumes to the Soybean Aphid (Homoptera:) Tj ETQq1 1 0.784314 rgBT	0.8	59
44	Reaction of Selected Soybean Genotypes to Isolates of Fusarium solani f. sp. glycines and Their Culture Filtrates. Plant Disease, 1998, 82, 999-1002.	0.7	58
45	Molecular detection of Fusarium solani f. sp. glycines in soybean roots and soil. Plant Pathology, 2003, 52, 74-83.	1.2	57
46	Evaluation of Perennial Glycine Species for Resistance to Soybean Fungal Pathogens That Cause Sclerotinia Stem Rot and Sudden Death Syndrome. Crop Science, 2000, 40, 545-549.	0.8	54
47	Resistance of Glycine Species and Various Cultivated Legumes to the Soybean Aphid (Homoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	54
48	The Effect of Solar Irradiance on the Mortality of Phakopsora pachyrhizi Urediniospores. Plant Disease, 2006, 90, 941-945.	0.7	54
49	Glyceollin is an Important Component of Soybean Plant Defense Against Phytophthora sojae and Macrophomina phaseolina. Phytopathology, 2013, 103, 984-994.	1.1	54
50	Aggressiveness of Phomopsis longicolla and Other Phomopsis spp. on Soybean. Plant Disease, 2010, 94, 1035-1040.	0.7	53
51	Identification of Multiple Phytotoxins Produced by Fusarium virguliforme Including a Phytotoxic Effector (FvNIS1) Associated With Sudden Death Syndrome Foliar Symptoms. Molecular Plant-Microbe Interactions, 2016, 29, 96-108.	1.4	53
52	Characterization of Insect Resistance Loci in the USDA Soybean Germplasm Collection Using Genome-Wide Association Studies. Frontiers in Plant Science, 2017, 8, 670.	1.7	53
53	Mapping and confirmation of a new sudden death syndrome resistance QTL on linkage group D2 from the soybean genotypes PI 567374 and â€˜Ripleyâ€™. Molecular Breeding, 2007, 20, 53-62.	1.0	51
54	Characterizing Resistance to Phakopsora pachyrhizi in Soybean. Plant Disease, 2011, 95, 577-581.	0.7	51

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55	Quantification of Fusarium solani f. sp. glycines isolates in soybean roots by colony-forming unit assays and real-time quantitative PCR. Theoretical and Applied Genetics, 2008, 117, 343-352.	1.8	50
56	Selected Soybean Plant Introductions with Partial Resistance to Sclerotinia sclerotiorum. Plant Disease, 2002, 86, 971-980.	0.7	49
57	Occurrence of Seed Coat Mottling in Soybean Plants Inoculated with Bean pod mottle virus and Soybean mosaic virus. Plant Disease, 2003, 87, 1333-1336.	0.7	49
58	Effects of intercropping and soil amendment with urea and calcium oxide on the incidence of bacterial wilt of tomato and survival of soil-bornePseudomonas solanacearumin Taiwan. Plant Pathology, 1997, 46, 600-610.	1.2	48
59	Lignin Degradation by Fusarium solani f. sp. glycines. Plant Disease, 2006, 90, 77-82.	0.7	48
60	New Legume Hosts of Phakopsora pachyrhizi Based on Greenhouse Evaluations. Plant Disease, 2008, 92, 767-771.	0.7	48
61	Identification of QTL for Resistance to Sclerotinia Stem Rot in Soybean Plant Introduction 194639. Crop Science, 2008, 48, 2209-2214.	0.8	48
62	Response of Soybean Pathogens to Glyceollin. Phytopathology, 2010, 100, 897-903.	1.1	48
63	A Cut-Stem Inoculation Technique to Evaluate Soybean for Resistance to Macrophomina phaseolina. Plant Disease, 2012, 96, 1210-1215.	0.7	48
64	Comparison of Field, Greenhouse, and Detached-Leaf Evaluations of Soybean Germplasm for Resistance to Phakopsora pachyrhizi. Plant Disease, 2007, 91, 1161-1169.	0.7	47
65	Molecular mapping of soybean rust resistance in soybean accession PI 561356 and SNP haplotype analysis of the Rpp1 region in diverse germplasm. Theoretical and Applied Genetics, 2012, 125, 1339-1352.	1.8	47
66	Irrigation and Inoculation Treatments that Increase the Severity of Soybean Sudden Death Syndrome in the Field. Crop Science, 2006, 46, 2547-2554.	0.8	46
67	Similarities in Seed and Aphid Transmission Among Soybean mosaic virus Isolates. Plant Disease, 2007, 91, 546-550.	0.7	46
68	A Coordinated Effort to Manage Soybean Rust in North America: A Success Story in Soybean Disease Monitoring. Plant Disease, 2014, 98, 864-875.	0.7	46
69	Evaluation of Soybean Germplasm for Resistance to Soybean Rust (Phakopsora pachyrhizi) in Nigeria. Plant Disease, 2008, 92, 947-952.	0.7	44
70	Sources of Resistance to Soybean Rust in PerennialGlycineSpecies. Plant Disease, 1992, 76, 396.	0.7	44
71	Effect of crop rotation and tillage system on sclerotinia stem rot on soybean. Canadian Journal of Plant Pathology, 2002, 24, 450-456.	0.8	42
72	Detection of soybean rust using a multispectral image sensor. Sensing and Instrumentation for Food Quality and Safety, 2009, 3, 49-56.	1.5	42

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73	The Importance of Phenolic Metabolism to Limit the Growth of Phakopsora pachyrhizi. Phytopathology, 2009, 99, 1412-1420.	1.1	42
74	Transcriptome analysis of resistant and susceptible genotypes of Glycine tomentella during Phakopsora pachyrhizi infection reveals novel rust resistance genes. Theoretical and Applied Genetics, 2010, 120, 1315-1333.	1.8	42
75	Multiple Loci Condition Seed Transmission of Soybean mosaic virus (SMV) and SMV-Induced Seed Coat Mottling in Soybean. Phytopathology, 2011, 101, 750-756.	1.1	42
76	Molecular Differentiation of Fusarium solani f. sp. glycines from Other F. solani Based on Mitochondrial Small Subunit rDNA Sequences. Phytopathology, 2000, 90, 491-497.	1.1	41
77	Evaluation of USDA Soybean Germplasm Accessions for Resistance to Soybean Rust in the Southern United States. Crop Science, 2011, 51, 678-693.	0.8	41
78	Characterization ofPythiumspp. from soil samples in Illinois. Canadian Journal of Plant Pathology, 2012, 34, 448-454.	0.8	41
79	Predicting Water Quality during Dredging and Disposal of Contaminated Sediments from the Sitcum Waterway in Commencement Bay, Washington, USA. Water Science and Technology, 1993, 28, 237-254.	1.2	40
80	Viability staining of soybean suspension-cultured cells and a seedling stem cutting assay to evaluate phytotoxicity of Fusarium solani f. sp. glycines culture filtrates. Plant Cell Reports, 1999, 18, 375-380.	2.8	40
81	Multi-Year Evaluation of Commercial Soybean Cultivars for Resistance to Phytophthora sojae. Plant Disease, 2010, 94, 368-371.	0.7	40
82	Identification and Map Location ofTTR1,a Single Locus inArabidopsis thalianathat Confers Tolerance to Tobacco Ringspot Nepovirus. Molecular Plant-Microbe Interactions, 1996, 9, 729.	1.4	40
83	Interactions Between the Soybean Cyst Nematode and Fusarium solani f. sp. glycines Based on Greenhouse Factorial Experiments. Phytopathology, 2006, 96, 1409-1415.	1.1	39
84	Biochemical Response of Soybean Roots to f. sp. Infection. Crop Science, 2004, 44, 819.	0.8	39
85	Sources of Soybean Rust Resistance Challenged with Singleâ€Spored Isolates of Phakopsora pachyrhizi. Crop Science, 2009, 49, 1781-1785.	0.8	38
86	Pathogenic Variation of Phakopsora pachyrhizi Isolates on Soybean in the United States from 2006 to 2009. Plant Disease, 2012, 96, 75-81.	0.7	38
87	Colletotrichum incanum sp. nov., a curved-conidial species causing soybean anthracnose in USA. Mycologia, 2014, 106, 32-42.	0.8	38
88	Development of Sclerotia and Apothecia of Sclerotinia sclerotiorum from Infected Soybean Seed and Its Control by Fungicide Seed Treatment. Plant Disease, 1999, 83, 1113-1115.	0.7	37
89	Response of Commercially Developed Soybean Cultivars and the Ancestral Soybean Lines to Fusarium solani f. sp. glycines. Plant Disease, 2003, 87, 827-831.	0.7	37
90	Estimating Soybean Genetic Gain for Yield in the Northern United Statesâ€"Influence of Cropping History. Crop Science, 2013, 53, 2473-2482.	0.8	37

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91	From Select Agent to an Established Pathogen: The Response to Phakopsora pachyrhizi (Soybean) Tj ETQq1 1 0.784314 rgBT /	1.1	37
92	Response of Ancestral Soybean Lines and Commercial Cultivars to Rhizoctonia Root and Hypocotyl Rot. Plant Disease, 2001, 85, 1091-1095.	0.7	36
93	Variability and transmission by Aphis glycines of North American and Asian Soybean mosaic virus isolates. Archives of Virology, 2003, 148, 1925-1941.	0.9	36
94	Phytotoxicity of Fusarium solani culture filtrates from soybeans and other hosts assayed by stem cuttings. Australasian Plant Pathology, 2004, 33, 9.	0.5	36
95	Pathogenic Variation of Phakopsora pachyrhizi Infecting Soybean in Nigeria. Phytopathology, 2009, 99, 353-361.	1.1	36
96	Genome-wide association and genomic prediction identifies soybean cyst nematode resistance in common bean including a syntenic region to soybean Rhg1 locus. Horticulture Research, 2019, 6, 9.	2.9	36
97	Incidence ofColletotrichumspp. on Soybeans and Weeds in Illinois and Pathogenicity ofColletotrichum truncatum. Plant Disease, 1986, 70, 780.	0.7	36
98	Evaluation of Glycine max Germ Plasm for Resistance to Fusarium solani f. sp. glycines. Plant Disease, 2002, 86, 741-746.	0.7	35
99	Identification of Quantitative Trait Loci Controlling Gene Expression during the Innate Immunity Response of Soybean Â Â. Plant Physiology, 2011, 157, 1975-1986.	2.3	35
100	A Public Program to Evaluate Commercial Soybean Cultivars for Pathogen and Pest Resistance. Plant Disease, 2013, 97, 568-578.	0.7	35
101	Gene Expression Profiling Soybean Stem Tissue Early Response to Sclerotinia sclerotiorum and In Silico Mapping in Relation to Resistance Markers. Plant Genome, 2009, 2, .	1.6	34
102	Suppression of Soilborne Diseases of Soybean With Cover Crops. Plant Disease, 2017, 101, 1918-1928.	0.7	34
103	Occurrence of Sclerotinia sclerotiorum in Soybean Fields in East-Central Illinois and Enumeration of Inocula in Soybean Seed Lots. Plant Disease, 1998, 82, 560-564.	0.7	33
104	Current status of soybean rust control by fungicides. Outlooks on Pest Management, 2003, 14, 197.	0.2	33
105	Resistance to Charcoal Rot Identified in Ancestral Soybean Germplasm. Crop Science, 2015, 55, 1230-1235.	0.8	33
106	Assembly and annotation of a draft genome sequence for Glycine latifolia , a perennial wild relative of soybean. Plant Journal, 2018, 95, 71-85.	2.8	33
107	Field Evaluation of Green Stem Disorder in Soybean Cultivars. Crop Science, 2006, 46, 879-885.	0.8	30
108	Regulation of Plant Immunity through Modulation of Phytoalexin Synthesis. Molecules, 2014, 19, 7480-7496.	1.7	30

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109	Effect of fungicide seed treatments onFusarium virguliformeinfection of soybean and development of sudden death syndrome. Canadian Journal of Plant Pathology, 2015, 37, 435-447.	0.8	30
110	Soybean Thrips (Thysanoptera: Thripidae) Harbor Highly Diverse Populations of Arthropod, Fungal and Plant Viruses. Viruses, 2020, 12, 1376.	1.5	30
111	Evaluation of Ancestral Lines of U.S. Soybean Cultivars for Resistance to Four Soybean Viruses. Crop Science, 2005, 45, 639-644.	0.8	29
112	Identification of novel double-stranded RNA mycoviruses of Fusarium virguliforme and evidence of their effects on virulence. Archives of Virology, 2014, 159, 349-352.	0.9	29
113	Green Stem Disorder of Soybean. Plant Disease, 2006, 90, 513-518.	0.7	28
114	Genetic structure and diversity of Phakopsora pachyrhizi isolates from soyabean. Plant Pathology, 2011, 60, 719-729.	1.2	28
115	Differential Reactions of Soybean Isolines With Combinations of Aphid Resistance GenesRag1,Rag2, andRag3to Four Soybean Aphid Biotypes. Journal of Economic Entomology, 2016, 109, 1431-1437.	0.8	28
116	Seed Populations ofStrigaSpecies in Nigeria. Plant Disease, 1991, 75, 494.	0.7	28
117	Influence of herbicides on Rhizoctonia root and hypocotyl rot of soybean. Crop Protection, 2002, 21, 679-687.	1.0	27
118	Delayed Senescence in Soybean: Terminology, Research Update, and Survey Results from Growers. Plant Health Progress, 2016, 17, 76-83.	0.8	27
119	Dynamics of Soybean Rust Epidemics in Sequential Plantings of Soybean Cultivars in Nigeria. Plant Disease, 2011, 95, 43-50.	0.7	26
120	Exogenous Controls Increase Negative Call Veracity in Multiplexed, Quantitative PCR Assays for Phakopsora pachyrhizi. Plant Disease, 2011, 95, 343-352.	0.7	25
121	Multilaboratory Comparison of Quantitative PCR Assays for Detection and Quantification of Fusarium virguliforme from Soybean Roots and Soil. Phytopathology, 2015, 105, 1601-1611.	1.1	25
122	Distribution of Leaf-Feeding Beetles and Bean pod mottle virus (BPMV) in Illinois and Transmission of BPMV in Soybean. Plant Disease, 2003, 87, 1221-1225.	0.7	24
123	Soybean mosaic virus helper component-protease enhances somatic embryo production andÂstabilizes transgene expression inÂsoybean. Plant Physiology and Biochemistry, 2005, 43, 1014-1021.	2.8	24
124	CulturingPhakopsora pachyrhizion Detached Leaves and Urediniospore Survival at Different Temperatures and Relative Humidities. Plant Disease, 2010, 94, 1453-1460.	0.7	24
125	Effect of Fungicide Application and Cultivar on Soybean Green Stem Disorder. Plant Disease, 2013, 97, 1212-1220.	0.7	24
126	Methods and Evaluation of Soybean Genotypes for Resistance to Colletotrichum truncatum. Plant Disease, 2015, 99, 143-148.	0.7	24

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127	Production of Macrophomina phaseolina Conidia by Multiple Soybean Isolates in Culture. Plant Disease, 2010, 94, 1088-1092.	0.7	23
128	Genome-wide association and genomic prediction identifies associated loci and predicts the sensitivity of Tobacco ringspot virus in soybean plant introductions. BMC Genomics, 2016, 17, 153.	1.2	23
129	Soybean mosaic virus Helper Component-Protease Alters Leaf Morphology and Reduces Seed Production in Transgenic Soybean Plants. Phytopathology, 2007, 97, 366-372.	1.1	21
130	Zinc deficiency alters soybean susceptibility to pathogens and pests. Journal of Plant Nutrition and Soil Science, 2015, 178, 896-903.	1.1	21
131	Evaluation of Soybean, Dry Bean, and Sunflower for Resistance to. Crop Science, 2004, 44, 777.	0.8	21
132	Evaluation of Artificial Diets for Rearing Aphis glycines (Hemiptera: Aphididae). Journal of Economic Entomology, 2008, 101, 1228-1232.	0.8	20
133	Inheritance of soybean aphid resistance in 21 soybean plant introductions. Theoretical and Applied Genetics, 2014, 127, 43-50.	1.8	20
134	Melanin-Independent Accumulation of Turgor Pressure in Appressoria of Phakopsora pachyrhizi. Phytopathology, 2014, 104, 977-984.	1.1	20
135	Comparison of Pathogenic Variation among Phakopsora pachyrhizi Isolates Collected from the United States and International Locations, and Identification of Soybean Genotypes Resistant to the U.S. Isolates. Plant Disease, 2015, 99, 1059-1069.	0.7	20
136	Two Species of Symbiotic Bacteria Present in the Soybean Aphid (Hemiptera: Aphididae). Environmental Entomology, 2009, 38, 110-115.	0.7	19
137	Evaluation of Disease and Pest Damage on Soybean Cultivars Released from 1923 through 2008 under Field Conditions in Central Illinois. Agronomy Journal, 2015, 107, 2373-2380.	0.9	19
138	Integration of sudden death syndrome resistance loci in the soybean genome. Theoretical and Applied Genetics, 2018, 131, 757-773.	1.8	19
139	Antagonism of Trichoderma-based biofungicides against Brazilian and North American isolates of Sclerotinia sclerotiorum and growth promotion of soybean. BioControl, 2020, 65, 235-246.	0.9	19
140	Whole-genome resequencing identifies quantitative trait loci associated with mycorrhizal colonization of soybean. Theoretical and Applied Genetics, 2020, 133, 409-417.	1.8	19
141	First Report of Phakopsora pachyrhizi Adapting to Soybean Genotypes with Rpp1 or Rpp6 Rust Resistance Genes in Field Plots in the United States. Plant Disease, 2013, 97, 1379-1379.	0.7	19
142	Characterization and Quantification of Fungal Colonization of Phakopsora pachyrhizi in Soybean Genotypes. Phytopathology, 2014, 104, 86-94.	1.1	18
143	Genetic Mechanisms of Hostâ€“Pathogen Interactions for Charcoal Rot in Soybean. Plant Molecular Biology Reporter, 2014, 32, 617-629.	1.0	18
144	Prediction of Short-Distance Aerial Movement of Phakopsora pachyrhizi Urediniospores Using Machine Learning. Phytopathology, 2017, 107, 1187-1198.	1.1	18

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145	Physical Map Location of the Rps1-k Allele in Soybean. Crop Science, 2001, 41, 1435-1438.	0.8	17
146	Occurrences of Soybean Viruses, Fungal Diseases, and Pests in Illinois Soybean Rust Sentinel Plots. Plant Health Progress, 2010, 11, .	0.8	17
147	Boron and zinc deficiencies and toxicities and their interactions with other nutrients in soybean roots, leaves, and seeds. Journal of Plant Nutrition, 2019, 42, 634-649.	0.9	17
148	Quality of Harvested Seed Associated with Soybean Cultivars and Herbicides Under Weed-Free Conditions. Plant Disease, 2002, 86, 1036-1042.	0.7	16
149	Multiplex Real-time PCR Detection and Differentiation of Colletotrichum Species Infecting Soybean. Plant Disease, 2015, 99, 1559-1568.	0.7	16
150	Responses of soybean genotypes to pathogen infection after the application of elicitors. Crop Protection, 2016, 87, 78-84.	1.0	16
151	Trichothecene-Producing Fusarium Species Isolated from Soybean Roots in Ethiopia and Ghana and their Pathogenicity on Soybean. Plant Disease, 2019, 103, 2070-2075.	0.7	16
152	Red Leaf Blotch of Soybeans. Plant Disease, 1987, 71, 113.	0.7	16
153	Cultural Studies and Pathogenicity ofPseudocercospora fuligena,the Causal Agent of Black Leaf Mold of Tomato. Plant Disease, 1991, 75, 1060.	0.7	16
154	Black Leaf Mold Development and Its Effect on Tomato Yield. Plant Disease, 1992, 76, 462.	0.7	16
155	Hosts of Phakopsora pachyrhizi Identified in Field Evaluations in Florida. Plant Health Progress, 2008, 9, .	0.8	15
156	Comparative Mapping of the Wild Perennial Glycine latifolia and Soybean (G. max) Reveals Extensive Chromosome Rearrangements in the Genus Glycine. PLoS ONE, 2014, 9, e99427.	1.1	15
157	Identification and molecular mapping of two soybean aphid resistance genes in soybean PI 587732. Theoretical and Applied Genetics, 2014, 127, 1251-1259.	1.8	15
158	Soybean aphid biotype 1 genome: Insights into the invasive biology and adaptive evolution of a major agricultural pest. Insect Biochemistry and Molecular Biology, 2020, 120, 103334.	1.2	15
159	First Report of Soybean Rust Caused by Phakopsora pachyrhizi on Phaseolus spp. in the United States. Plant Disease, 2006, 90, 970-970.	0.7	15
160	A Stachybotrys chartarum isolate from soybean. Mycopathologia, 2002, 154, 41-49.	1.3	14
161	Differential Response of Common Bean Cultivars to Phakopsora pachyrhizi. Plant Disease, 2007, 91, 698-704.	0.7	14
162	Effect of <scp>F</scp>usarium virguliforme phytotoxin on soybean gene expression suggests a role in multidimensional defence. Molecular Plant Pathology, 2013, 14, 293-307.	2.0	14

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163	Pathogenicity and Virulence ofPhytophthora capsiciIsolates from Taiwan on Tomatoes and Other Selected Hosts. Plant Disease, 1993, 77, 588.	0.7	14
164	Identifying differentially expressed genes in leaves of Glycine tomentella in the presence of the fungal pathogen Phakopsora pachyrhizi. Planta, 2010, 232, 1181-1189.	1.6	13
165	Characterization and genetics of multiple soybean aphid biotype resistance in five soybean plant introductions. Theoretical and Applied Genetics, 2017, 130, 1335-1348.	1.8	13
166	Accessions of Perennial Glycine Species With Resistance to Multiple Types of Soybean Cyst Nematode (Heterodera glycines). Plant Disease, 2017, 101, 1201-1206.	0.7	13
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