

Glen L Hartman

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3972861/glen-l-hartman-publications-by-year.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.

232
papers

6,819
citations

44
h-index

67
g-index

236
ext. papers

8,073
ext. citations

2.6
avg, IF

5.89
L-index

#	Paper	IF	Citations
232	Registration of seven disease- and pest-resistant vegetable soybean germplasm lines. <i>Journal of Plant Registrations</i> , 2022 , 16, 438-445	0.7	1
231	New record of the cotton aphid, <i>Aphis gossypii</i> (Hemiptera: Aphididae) on soybean in Zambia. <i>International Journal of Tropical Insect Science</i> , 2021 , 41, 883-885	1	
230	Potential Threat of Bruchids on Soybean Production in Sub-Saharan Africa. <i>Plant Health Progress</i> , 2021 , 22, 86-91	1.2	0
229	Discovery of a Novel Member of the Genus from Soybean (L. Merr.). <i>Pathogens</i> , 2021 , 10,	4.5	2
228	Complex life histories predispose aphids to recent abundance declines. <i>Global Change Biology</i> , 2021 , 27, 4283-4293	11.4	1
227	Evaluation of wild perennial Glycine species for resistance to soybean cyst nematode and soybean rust. <i>Plant Breeding</i> , 2020 , 139, 923-931	2.4	2
226	The Soybean Aphid Suction Trap Network: Sampling the Aerobiological Soup. <i>American Entomologist</i> , 2020 , 66, 48-55	0.6	5
225	First Report of <i>Puccinia kuehnii</i> Causing Orange Rust of Sugarcane in Texas, U.S.A.. <i>Plant Disease</i> , 2020 , 104, 2731	1.5	0
224	Evaluation of Foliar Diseases for Soybean Entries in the Pan-African Trials in Malawi and Zambia. <i>Plant Disease</i> , 2020 , 104, 2068-2073	1.5	1
223	Soybean aphid biotype 1 genome: Insights into the invasive biology and adaptive evolution of a major agricultural pest. <i>Insect Biochemistry and Molecular Biology</i> , 2020 , 120, 103334	4.5	8
222	Impact of Arbuscular Mycorrhizal Species on. <i>Plant Disease</i> , 2020 , 104, 2406-2410	1.5	2
221	Virulence of Soybean Aphid, <i>Aphis glycines</i> (Hemiptera: Aphididae) Clones on Detached Leaves and Whole Plants. <i>Journal of the Kansas Entomological Society</i> , 2020 , 92, 497	0.5	4
220	<i>Aphis glycines</i> virus 1, a new bicistronic virus with two functional internal ribosome entry sites, is related to a group of unclassified viruses in the. <i>Journal of General Virology</i> , 2020 , 101, 105-111	4.9	4
219	Whole-genome resequencing identifies quantitative trait loci associated with mycorrhizal colonization of soybean. <i>Theoretical and Applied Genetics</i> , 2020 , 133, 409-417	6	9
218	First Report of <i>Albifimbria verrucaria</i> Causing Leaf Spot on <i>Glycine latifolia</i> . <i>Plant Disease</i> , 2020 , 104, 576	1.5	1
217	Reduction of Sudden Death Syndrome Foliar Symptoms and DNA in Roots Inoculated With. <i>Plant Disease</i> , 2020 , 104, 1415-1420	1.5	4
216	Evaluation of Soybean for Resistance to <i>Neohyadatothrips variabilis</i> (Thysanoptera: Thripidae) Noninfected and Infected With Soybean Vein Necrosis Virus. <i>Journal of Economic Entomology</i> , 2020 , 113, 949-955	2.2	4

215	Soybean Thrips (Thysanoptera: Thripidae) Harbor Highly Diverse Populations of Arthropod, Fungal and Plant Viruses. <i>Viruses</i> , 2020 , 12,	6.2	7
214	No net insect abundance and diversity declines across US Long Term Ecological Research sites. <i>Nature Ecology and Evolution</i> , 2020 , 4, 1368-1376	12.3	62
213	Mapping and confirmation of two genes conferring resistance to soybean rust (Phakopsora pachyrhizi) in the soybean line UG-5 (Glycine max). <i>Plant Breeding</i> , 2020 , 139, 932-942	2.4	
212	Antagonism of Trichoderma-based biofungicides against Brazilian and North American isolates of Sclerotinia sclerotiorum and growth promotion of soybean. <i>BioControl</i> , 2020 , 65, 235-246	2.3	9
211	Characterization of Soybean Genes in Susceptibility to Foliar Chlorosis of Sudden Death Syndrome. <i>Plant Physiology</i> , 2019 , 180, 711-717	6.6	8
210	Trichothecene-Producing Species Isolated from Soybean Roots in Ethiopia and Ghana and their Pathogenicity on Soybean. <i>Plant Disease</i> , 2019 , 103, 2070-2075	1.5	12
209	Effect of Selected Biopesticides in Reducing Soybean Rust () Development. <i>Plant Disease</i> , 2019 , 103, 2460-2466	1.5	6
208	Boron and zinc deficiencies and toxicities and their interactions with other nutrients in soybean roots, leaves, and seeds. <i>Journal of Plant Nutrition</i> , 2019 , 42, 634-649	2.3	11
207	First Report of Sclerotinia sclerotiorum Causing Stem Rot on Soybean (Glycine max) in Ethiopia. <i>Plant Disease</i> , 2019 , 103, 2676-2676	1.5	2
206	First Report of Curtobacterium flaccumfaciens pv. flaccumfaciens Causing Bacterial Tan Spot on Soybean in Africa. <i>Plant Disease</i> , 2019 , 103, 2665-2665	1.5	3
205	Genome wide association study identifies novel single nucleotide polymorphic loci and candidate genes involved in soybean sudden death syndrome resistance. <i>PLoS ONE</i> , 2019 , 14, e0212071	3.7	5
204	Genome-wide association and genomic prediction identifies soybean cyst nematode resistance in common bean including a syntenic region to soybean locus. <i>Horticulture Research</i> , 2019 , 6, 9	7.7	21
203	Assembly and annotation of a draft genome sequence for Glycine latifolia, a perennial wild relative of soybean. <i>Plant Journal</i> , 2018 , 95, 71-85	6.9	21
202	Field evaluation of three sources of genetic resistance to sudden death syndrome of soybean. <i>Theoretical and Applied Genetics</i> , 2018 , 131, 1541-1552	6	2
201	Integration of sudden death syndrome resistance loci in the soybean genome. <i>Theoretical and Applied Genetics</i> , 2018 , 131, 757-773	6	12
200	Mosquito microbiota cluster by host sampling location. <i>Parasites and Vectors</i> , 2018 , 11, 468	4	30
199	First Report of Paramyothecium roridum Causing Myrothecium Leaf Spot on Soybean in Africa. <i>Plant Disease</i> , 2018 , 102, 2638-2638	1.5	5
198	Characterization and genetics of multiple soybean aphid biotype resistance in five soybean plant introductions. <i>Theoretical and Applied Genetics</i> , 2017 , 130, 1335-1348	6	9

197	Prediction of Short-Distance Aerial Movement of <i>Phakopsora pachyrhizi</i> Urediniospores Using Machine Learning. <i>Phytopathology</i> , 2017 , 107, 1187-1198	3.8	11
196	Virulence Diversity of <i>Phakopsora pachyrhizi</i> Isolates From East Africa Compared to a Geographically Diverse Collection. <i>Plant Disease</i> , 2017 , 101, 1194-1200	1.5	7
195	Accessions of Perennial Glycine Species With Resistance to Multiple Types of Soybean Cyst Nematode (<i>Heterodera glycines</i>). <i>Plant Disease</i> , 2017 , 101, 1201-1206	1.5	7
194	Sensitivity of <i>Phakopsora pachyrhizi</i> Isolates to Fungicides and Reduction of Fungal Infection Based on Fungicide and Timing of Application. <i>Plant Disease</i> , 2017 , 101, 121-128	1.5	9
193	Suppression of Soilborne Diseases of Soybean With Cover Crops. <i>Plant Disease</i> , 2017 , 101, 1918-1928	1.5	21
192	Characterization of Insect Resistance Loci in the USDA Soybean Germplasm Collection Using Genome-Wide Association Studies. <i>Frontiers in Plant Science</i> , 2017 , 8, 670	6.2	32
191	Metagenome-Wide Association Study and Machine Learning Prediction of Bulk Soil Microbiome and Crop Productivity. <i>Frontiers in Microbiology</i> , 2017 , 8, 519	5.7	57
190	A novel, multiplexed, probe-based quantitative PCR assay for the soybean root- and stem-rot pathogen, <i>Phytophthora sojae</i> , utilizes its transposable element. <i>PLoS ONE</i> , 2017 , 12, e0176567	3.7	6
189	Identification of Multiple Phytotoxins Produced by <i>Fusarium virguliforme</i> Including a Phytotoxic Effector (FvNIS1) Associated With Sudden Death Syndrome Foliar Symptoms. <i>Molecular Plant-Microbe Interactions</i> , 2016 , 29, 96-108	3.6	40
188	Responses of soybean genotypes to pathogen infection after the application of elicitors. <i>Crop Protection</i> , 2016 , 87, 78-84	2.7	9
187	Differential Reactions of Soybean Isolines With Combinations of Aphid Resistance Genes Rag1 , Rag2 , and Rag3 to Four Soybean Aphid Biotypes. <i>Journal of Economic Entomology</i> , 2016 , 109, 1431-1437 ²⁻²	2.2	23
186	Genome-wide association and genomic prediction identifies associated loci and predicts the sensitivity of Tobacco ringspot virus in soybean plant introductions. <i>BMC Genomics</i> , 2016 , 17, 153	4.5	17
185	Delayed Senescence in Soybean: Terminology, Research Update, and Survey Results from Growers. <i>Plant Health Progress</i> , 2016 , 17, 76-83	1.2	14
184	Characterization of Disease Resistance Loci in the USDA Soybean Germplasm Collection Using Genome-Wide Association Studies. <i>Phytopathology</i> , 2016 , 106, 1139-1151	3.8	45
183	Association of Green Stem Disorder with Agronomic Traits in Soybean. <i>Agronomy Journal</i> , 2016 , 108, 2263-2268	2.2	3
182	Identification of Diverse Mycoviruses through Metatranscriptomics Characterization of the Viromes of Five Major Fungal Plant Pathogens. <i>Journal of Virology</i> , 2016 , 90, 6846-6863	6.6	145
181	Transfection of <i>Sclerotinia sclerotiorum</i> with in vitro transcripts of a naturally occurring interspecific recombinant of <i>Sclerotinia sclerotiorum</i> hypovirus 2 significantly reduces virulence of the fungus. <i>Journal of Virology</i> , 2015 , 89, 5060-71	6.6	43
180	Archaeophytopathology of <i>Phakopsora pachyrhizi</i> , the Soybean Rust Pathogen. <i>Plant Disease</i> , 2015 , 99, 575-579	1.5	3

179	Optimizing Conditions of a Cell-Free Toxic Filtrate Stem Cutting Assay to Evaluate Soybean Genotype Responses to Fusarium Species that Cause Sudden Death Syndrome. <i>Plant Disease</i> , 2015 , 99, 502-507	1.5	7
178	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. <i>Plant Disease</i> , 2015 , 99, 1059-1069	1.5	15
177	Multiplex Real-time PCR Detection and Differentiation of Colletotrichum Species Infecting Soybean. <i>Plant Disease</i> , 2015 , 99, 1559-1568	1.5	10
176	From Select Agent to an Established Pathogen: The Response to Phakopsora pachyrhizi (Soybean Rust) in North America. <i>Phytopathology</i> , 2015 , 105, 905-16	3.8	31
175	Multilaboratory Comparison of Quantitative PCR Assays for Detection and Quantification of Fusarium virguliforme from Soybean Roots and Soil. <i>Phytopathology</i> , 2015 , 105, 1601-11	3.8	19
174	Evaluation of Disease and Pest Damage on Soybean Cultivars Released from 1923 through 2008 under Field Conditions in Central Illinois. <i>Agronomy Journal</i> , 2015 , 107, 2373-2380	2.2	11
173	Resistance to Charcoal Rot Identified in Ancestral Soybean Germplasm. <i>Crop Science</i> , 2015 , 55, 1230-1235.	4	20
172	Zinc deficiency alters soybean susceptibility to pathogens and pests. <i>Journal of Plant Nutrition and Soil Science</i> , 2015 , 178, 896-903	2.3	12
171	Soybean aphid intrabiotypic variability based on colonization of specific soybean genotypes. <i>Insect Science</i> , 2015 , 22, 785-92	3.6	7
170	Effect of fungicide seed treatments on Fusarium virguliforme infection of soybean and development of sudden death syndrome. <i>Canadian Journal of Plant Pathology</i> , 2015 , 37, 435-447	1.6	23
169	Methods and Evaluation of Soybean Genotypes for Resistance to Colletotrichum truncatum. <i>Plant Disease</i> , 2015 , 99, 143-148	1.5	13
168	First Report of Phakopsora pachyrhizi Causing Rust on Soybean in Malawi. <i>Plant Disease</i> , 2015 , 99, 420	1.5	8
167	Identification of novel double-stranded RNA mycoviruses of Fusarium virguliforme and evidence of their effects on virulence. <i>Archives of Virology</i> , 2014 , 159, 349-52	2.6	24
166	Overexpression of GmCaM4 in soybean enhances resistance to pathogens and tolerance to salt stress. <i>Molecular Plant Pathology</i> , 2014 , 15, 145-60	5.7	48
165	Identification and molecular mapping of two soybean aphid resistance genes in soybean PI 587732. <i>Theoretical and Applied Genetics</i> , 2014 , 127, 1251-9	6	12
164	Inheritance of soybean aphid resistance in 21 soybean plant introductions. <i>Theoretical and Applied Genetics</i> , 2014 , 127, 43-50	6	16
163	Characterization and quantification of fungal colonization of Phakopsora pachyrhizi in soybean genotypes. <i>Phytopathology</i> , 2014 , 104, 86-94	3.8	15
162	A Coordinated Effort to Manage Soybean Rust in North America: A Success Story in Soybean Disease Monitoring. <i>Plant Disease</i> , 2014 , 98, 864-875	1.5	36

161	Genetic Mechanisms of Host-Pathogen Interactions for Charcoal Rot in Soybean. <i>Plant Molecular Biology Reporter</i> , 2014 , 32, 617-629	1.7	12
160	<i>Colletotrichum incanum</i> sp. nov., a curved-conidial species causing soybean anthracnose in USA. <i>Mycologia</i> , 2014 , 106, 32-42	2.4	22
159	Melanin-independent accumulation of turgor pressure in appressoria of <i>Phakopsora pachyrhizi</i> . <i>Phytopathology</i> , 2014 , 104, 977-84	3.8	15
158	Stability of Soybean Aphid Resistance in Soybean Across Different Temperatures. <i>Crop Science</i> , 2014 , 54, 2557-2563	2.4	7
157	Registration of Eight Soybean Germplasm Lines Resistant to Soybean Rust. <i>Journal of Plant Registrations</i> , 2014 , 8, 96-101	0.7	11
156	Comparative mapping of the wild perennial <i>Glycine latifolia</i> and soybean (<i>G. max</i>) reveals extensive chromosome rearrangements in the genus <i>Glycine</i> . <i>PLoS ONE</i> , 2014 , 9, e99427	3.7	6
155	Regulation of plant immunity through modulation of phytoalexin synthesis. <i>Molecules</i> , 2014 , 19, 7480-96	4.8	18
154	Use of Quantitative Traits to Assess Aggressiveness of <i>Phakopsora pachyrhizi</i> Isolates from Nigeria and the United States. <i>Plant Disease</i> , 2014 , 98, 1261-1266	1.5	3
153	Inhibitory effects of stilbenes on the growth of three soybean pathogens in culture. <i>Phytopathology</i> , 2014 , 104, 843-50	3.8	8
152	Glyceollin is an important component of soybean plant defense against <i>Phytophthora sojae</i> and <i>Macrophomina phaseolina</i> . <i>Phytopathology</i> , 2013 , 103, 984-94	3.8	32
151	Identification of high-quality single-nucleotide polymorphisms in <i>Glycine latifolia</i> using a heterologous reference genome sequence. <i>Theoretical and Applied Genetics</i> , 2013 , 126, 1627-38	6	8
150	Effect of Fungicide Application and Cultivar on Soybean Green Stem Disorder. <i>Plant Disease</i> , 2013 , 97, 1212-1220	1.5	14
149	Estimating Soybean Genetic Gain for Yield in the Northern United States Influence of Cropping History. <i>Crop Science</i> , 2013 , 53, 2473-2482	2.4	20
148	Effect of <i>Fusarium virguliforme</i> phytotoxin on soybean gene expression suggests a role in multidimensional defence. <i>Molecular Plant Pathology</i> , 2013 , 14, 293-307	5.7	14
147	A Public Program to Evaluate Commercial Soybean Cultivars for Pathogen and Pest Resistance. <i>Plant Disease</i> , 2013 , 97, 568-578	1.5	17
146	First Report of <i>Phakopsora pachyrhizi</i> Adapting to Soybean Genotypes with Rpp1 or Rpp6 Rust Resistance Genes in Field Plots in the United States. <i>Plant Disease</i> , 2013 , 97, 1379	1.5	15
145	First Report of <i>Colletotrichum chlorophyti</i> Infecting Soybean Seed in Arkansas, United States. <i>Plant Disease</i> , 2013 , 97, 1510	1.5	6
144	First Report of Orange Rust Caused by <i>Puccinia kuehnii</i> in Sugarcane in Louisiana. <i>Plant Disease</i> , 2013 , 97, 426	1.5	4

143	A multiplexed immunofluorescence method identifies <i>Phakopsora pachyrhizi</i> Urediniospores and determines their viability. <i>Phytopathology</i> , 2012 , 102, 1143-52	3.8	4
142	Molecular mapping of soybean rust resistance in soybean accession PI 561356 and SNP haplotype analysis of the Rpp1 region in diverse germplasm. <i>Theoretical and Applied Genetics</i> , 2012 , 125, 1339-52	6	38
141	Resistance and virulence in the soybean-Aphis glycines interaction. <i>Euphytica</i> , 2012 , 186, 635-646	2.1	73
140	A Cut-Stem Inoculation Technique to Evaluate Soybean for Resistance to <i>Macrophomina phaseolina</i> . <i>Plant Disease</i> , 2012 , 96, 1210-1215	1.5	28
139	Diverse Soybean Accessions Identified with Temperature-Sensitive Resistance to Tobacco Streak Virus. <i>Crop Science</i> , 2012 , 52, 738-744	2.4	3
138	Pathogenic Variation of <i>Phakopsora pachyrhizi</i> Isolates on Soybean in the United States from 2006 to 2009. <i>Plant Disease</i> , 2012 , 96, 75-81	1.5	31
137	Characterization of <i>Pythium</i> spp. from soil samples in Illinois. <i>Canadian Journal of Plant Pathology</i> , 2012 , 34, 448-454	1.6	27
136	First Report of Soybean Rust (<i>Phakopsora pachyrhizi</i>) on Florida Beggarweed (<i>Desmodium tortuosum</i>) in Alabama. <i>Plant Disease</i> , 2012 , 96, 1374	1.5	3
135	Characterizing Resistance to <i>Phakopsora pachyrhizi</i> in Soybean. <i>Plant Disease</i> , 2011 , 95, 577-581	1.5	39
134	Evaluation of USDA Soybean Germplasm Accessions for Resistance to Soybean Rust in the Southern United States. <i>Crop Science</i> , 2011 , 51, 678-693	2.4	30
133	Identification of quantitative trait loci controlling gene expression during the innate immunity response of soybean. <i>Plant Physiology</i> , 2011 , 157, 1975-86	6.6	29
132	Exogenous Controls Increase Negative Call Veracity in Multiplexed, Quantitative PCR Assays for <i>Phakopsora pachyrhizi</i> . <i>Plant Disease</i> , 2011 , 95, 343-352	1.5	19
131	Dynamics of Soybean Rust Epidemics in Sequential Plantings of Soybean Cultivars in Nigeria. <i>Plant Disease</i> , 2011 , 95, 43-50	1.5	18
130	Genetic structure and diversity of <i>Phakopsora pachyrhizi</i> isolates from soybean. <i>Plant Pathology</i> , 2011 , 60, 719-729	2.8	20
129	Life history and morphological plasticity of the soybean aphid, <i>Aphis glycines</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2011 , 140, 139-145	2.1	9
128	Crops that feed the World 2. Soybean worldwide production, use, and constraints caused by pathogens and pests. <i>Food Security</i> , 2011 , 3, 5-17	6.7	258
127	Multiple loci condition seed transmission of soybean mosaic virus (SMV) and SMV-induced seed coat mottling in soybean. <i>Phytopathology</i> , 2011 , 101, 750-6	3.8	32
126	Comparisons of Visual Rust Assessments and DNA Levels of <i>Phakopsora pachyrhizi</i> in Soybean Genotypes Varying in Rust Resistance. <i>Plant Disease</i> , 2011 , 95, 1007-1012	1.5	8

125	First Report of Soybean Rust Caused by <i>Phakopsora pachyrhizi</i> on <i>Pachyrhizus erosus</i> in the United States. <i>Plant Disease</i> , 2011 , 95, 1034	1.5	1
124	Occurrences of Soybean Viruses, Fungal Diseases, and Pests in Illinois Soybean Rust Sentinel Plots. <i>Plant Health Progress</i> , 2010 , 11, 44	1.2	10
123	Response of soybean pathogens to glyceollin. <i>Phytopathology</i> , 2010 , 100, 897-903	3.8	37
122	A new soybean aphid (Hemiptera: Aphididae) biotype identified. <i>Journal of Economic Entomology</i> , 2010 , 103, 509-15	2.2	116
121	Culturing <i>Phakopsora pachyrhizi</i> on Detached Leaves and Urediniospore Survival at Different Temperatures and Relative Humidities. <i>Plant Disease</i> , 2010 , 94, 1453-1460	1.5	17
120	Carbon utilization profiles of <i>Fusarium virguliforme</i> isolates. <i>Canadian Journal of Microbiology</i> , 2010 , 56, 979-86	3.2	8
119	Production of <i>Macrophomina phaseolina</i> Conidia by Multiple Soybean Isolates in Culture. <i>Plant Disease</i> , 2010 , 94, 1088-1092	1.5	13
118	Multi-Year Evaluation of Commercial Soybean Cultivars for Resistance to <i>Phytophthora sojae</i> . <i>Plant Disease</i> , 2010 , 94, 368-371	1.5	29
117	Aggressiveness of <i>Phomopsis longicolla</i> and Other <i>Phomopsis</i> spp. on Soybean. <i>Plant Disease</i> , 2010 , 94, 1035-1040	1.5	43
116	Fine mapping the soybean aphid resistance gene <i>Rag1</i> in soybean. <i>Theoretical and Applied Genetics</i> , 2010 , 120, 1063-71	6	69
115	Transcriptome analysis of resistant and susceptible genotypes of <i>Glycine tomentella</i> during <i>Phakopsora pachyrhizi</i> infection reveals novel rust resistance genes. <i>Theoretical and Applied Genetics</i> , 2010 , 120, 1315-33	6	39
114	Fine mapping of the soybean aphid-resistance gene <i>Rag2</i> in soybean PI 200538. <i>Theoretical and Applied Genetics</i> , 2010 , 121, 599-610	6	68
113	Identifying differentially expressed genes in leaves of <i>Glycine tomentella</i> in the presence of the fungal pathogen <i>Phakopsora pachyrhizi</i> . <i>Planta</i> , 2010 , 232, 1181-9	4.7	13
112	Registration of Three Soybean Germplasm Lines Resistant to <i>Phakopsora pachyrhizi</i> (Soybean Rust). <i>Journal of Plant Registrations</i> , 2010 , 4, 244-248	0.7	4
111	First Report of Soybean Rust Caused by <i>Phakopsora pachyrhizi</i> on Kudzu (<i>Pueraria montana</i> var. <i>lobata</i>) in Illinois. <i>Plant Disease</i> , 2010 , 94, 477	1.5	2
110	Inheritance of Resistance to the Soybean Aphid in Soybean PI 200538. <i>Crop Science</i> , 2009 , 49, 1193-1200	2.4	59
109	Two species of symbiotic bacteria present in the soybean aphid (Hemiptera: Aphididae). <i>Environmental Entomology</i> , 2009 , 38, 110-5	2.1	16
108	Effect of Fungicide and Timing of Application on Soybean Rust Severity and Yield. <i>Plant Disease</i> , 2009 , 93, 243-248	1.5	59

107	Gene Expression Profiling Soybean Stem Tissue Early Response to <i>Sclerotinia sclerotiorum</i> and In Silico Mapping in Relation to Resistance Markers. <i>Plant Genome</i> , 2009 , 2,	4.4	28
106	Detection of soybean rust using a multispectral image sensor. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2009 , 3, 49-56		29
105	Differential Responses of Resistant Soybean Entries to Isolates of <i>Phakopsora pachyrhizi</i> . <i>Plant Disease</i> , 2009 , 93, 224-228	1.5	60
104	The importance of phenolic metabolism to limit the growth of <i>Phakopsora pachyrhizi</i> . <i>Phytopathology</i> , 2009 , 99, 1412-20	3.8	36
103	Pathogenic variation of <i>Phakopsora pachyrhizi</i> infecting soybean in Nigeria. <i>Phytopathology</i> , 2009 , 99, 353-61	3.8	32
102	Mapping and Confirmation of a New Allele at Rpp1 from Soybean PI 594538A Conferring RB Lesion Type Resistance to Soybean Rust. <i>Crop Science</i> , 2009 , 49, 783-790	2.4	68
101	Sources of Soybean Rust Resistance Challenged with Single-Spored Isolates of <i>Phakopsora pachyrhizi</i> . <i>Crop Science</i> , 2009 , 49, 1781-1785	2.4	31
100	Soybean defense responses to the soybean aphid. <i>New Phytologist</i> , 2008 , 179, 185-195	9.8	102
99	Evaluation of Soybean Germplasm for Resistance to Soybean Rust (<i>Phakopsora pachyrhizi</i>) in Nigeria. <i>Plant Disease</i> , 2008 , 92, 947-952	1.5	33
98	Evaluation of Artificial Diets for Rearing <i>Aphis glycines</i> (Hemiptera: Aphididae). <i>Journal of Economic Entomology</i> , 2008 , 101, 1228-1232	2.2	14
97	New Legume Hosts of <i>Phakopsora pachyrhizi</i> Based on Greenhouse Evaluations. <i>Plant Disease</i> , 2008 , 92, 767-771	1.5	40
96	Identification of QTL for Resistance to <i>Sclerotinia</i> Stem Rot in Soybean Plant Introduction 194639. <i>Crop Science</i> , 2008 , 48, 2209-2214	2.4	38
95	Adult Plant Evaluation of Soybean Accessions for Resistance to <i>Phakopsora pachyrhizi</i> in the Field and Greenhouse in Paraguay. <i>Plant Disease</i> , 2008 , 92, 96-105	1.5	51
94	Hosts of <i>Phakopsora pachyrhizi</i> Identified in Field Evaluations in Florida. <i>Plant Health Progress</i> , 2008 , 9, 6	1.2	11
93	Discovery of Soybean Aphid Biotypes. <i>Crop Science</i> , 2008 , 48, 923	2.4	165
92	Quantification of <i>Fusarium solani</i> f. sp. <i>glycines</i> isolates in soybean roots by colony-forming unit assays and real-time quantitative PCR. <i>Theoretical and Applied Genetics</i> , 2008 , 117, 343-52	6	37
91	Soybean Rust Resistance Derived from <i>Glycine tomentella</i> in Amphiploid Hybrid Lines. <i>Crop Science</i> , 2007 , 47, 158-161	2.4	9
90	Map Location of the Rpp1 Locus That Confers Resistance to Soybean Rust in Soybean. <i>Crop Science</i> , 2007 , 47, 837-838	2.4	108

89	Mammalian cell cytotoxicity analysis of soybean rust fungicides. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007 , 78, 474-8	2.7	6
88	Mapping and confirmation of a new sudden death syndrome resistance QTL on linkage group D2 from the soybean genotypes PI 567374 and Ripley. <i>Molecular Breeding</i> , 2007 , 20, 53-62	3.4	43
87	Modification of phenolic metabolism in soybean hairy roots through down regulation of chalcone synthase or isoflavone synthase. <i>Planta</i> , 2007 , 225, 665-79	4.7	74
86	Similarities in Seed and Aphid Transmission Among Soybean mosaic virus Isolates. <i>Plant Disease</i> , 2007 , 91, 546-550	1.5	35
85	International Fungicide Efficacy Trials for the Management of Soybean Rust. <i>Plant Disease</i> , 2007 , 91, 1450-1458	1.5	62
84	Differential Response of Common Bean Cultivars to <i>Phakopsora pachyrhizi</i> . <i>Plant Disease</i> , 2007 , 91, 698-704	1.0	10
83	Comparison of Field, Greenhouse, and Detached-Leaf Evaluations of Soybean Germplasm for Resistance to <i>Phakopsora pachyrhizi</i> . <i>Plant Disease</i> , 2007 , 91, 1161-1169	1.5	33
82	Soybean mosaic virus Helper Component-Protease Alters Leaf Morphology and Reduces Seed Production in Transgenic Soybean Plants. <i>Phytopathology</i> , 2007 , 97, 366-72	3.8	19
81	First Report of Soybean dwarf virus in Soybean in Northern Illinois. <i>Plant Disease</i> , 2007 , 91, 1686	1.5	5
80	First Report of Rust Caused by <i>Phakopsora pachyrhizi</i> on Soybean in Democratic Republic of Congo. <i>Plant Disease</i> , 2007 , 91, 1204	1.5	5
79	Green Stem Disorder of Soybean. <i>Plant Disease</i> , 2006 , 90, 513-518	1.5	18
78	Evaluation of Soybean Germplasm for Resistance to <i>Phakopsora pachyrhizi</i> . <i>Plant Health Progress</i> , 2006 , 7, 33	1.2	56
77	Irrigation and Inoculation Treatments that Increase the Severity of Soybean Sudden Death Syndrome in the Field. <i>Crop Science</i> , 2006 , 46, 2547-2554	2.4	37
76	Evaluation of Soybean Cultivars with the Rps1k Gene for Partial Resistance or Field Tolerance to <i>Phytophthora sojae</i> . <i>Crop Science</i> , 2006 , 46, 2427-2436	2.4	10
75	A Single Dominant Gene for Resistance to the Soybean Aphid in the Soybean Cultivar Dowling. <i>Crop Science</i> , 2006 , 46, 1601-1605	2.4	159
74	Field Evaluation of Green Stem Disorder in Soybean Cultivars. <i>Crop Science</i> , 2006 , 46, 879-885	2.4	22
73	Soybean Aphid Resistance in Soybean Jackson Is Controlled by a Single Dominant Gene. <i>Crop Science</i> , 2006 , 46, 1606-1608	2.4	102
72	Evaluation of Soybean Cultivars, Williams' Isogenic Lines, and Other Selected Soybean Lines for Resistance to Two Soybean Mosaic Virus Strains. <i>Crop Science</i> , 2006 , 46, 2649-2653	2.4	7

71	Disease- and Performance-Related Traits of Ethylene-Insensitive Soybean. <i>Crop Science</i> , 2006 , 46, 893-901	1.4	10
70	Lignin Degradation by <i>Fusarium solani</i> f. sp. <i>glycines</i> . <i>Plant Disease</i> , 2006 , 90, 77-82	1.5	38
69	Interactions Between the Soybean Cyst Nematode and <i>Fusarium solani</i> f. sp. <i>glycines</i> Based on Greenhouse Factorial Experiments. <i>Phytopathology</i> , 2006 , 96, 1409-15	3.8	31
68	Evaluation of Virulence of <i>Phakopsora pachyrhizi</i> and <i>P. meibomia</i> Isolates. <i>Plant Disease</i> , 2006 , 90, 708-716	1.5	106
67	The Effect of Solar Irradiance on the Mortality of <i>Phakopsora pachyrhizi</i> Urediniospores. <i>Plant Disease</i> , 2006 , 90, 941-945	1.5	46
66	First Report of Soybean Rust Caused by <i>Phakopsora pachyrhizi</i> on <i>Phaseolus</i> spp. in the United States. <i>Plant Disease</i> , 2006 , 90, 970	1.5	9
65	Genetic analysis of partial resistance to <i>Rhizoctonia solani</i> in the soybean cultivar Bavoy. <i>Canadian Journal of Plant Pathology</i> , 2005 , 27, 137-142	1.6	4
64	Soybean mosaic virus helper component-protease enhances somatic embryo production and stabilizes transgene expression in soybean. <i>Plant Physiology and Biochemistry</i> , 2005 , 43, 1014-21	5.4	20
63	Evaluation of Ancestral Lines of U.S. Soybean Cultivars for Resistance to Four Soybean Viruses. <i>Crop Science</i> , 2005 , 45, 639-644	2.4	24
62	Breeding for Resistance to Soybean Rust. <i>Plant Disease</i> , 2005 , 89, 664-666	1.5	117
61	Resistance of <i>Glycine</i> species and various cultivated legumes to the soybean aphid (Homoptera: Aphididae). <i>Journal of Economic Entomology</i> , 2004 , 97, 1071-7	2.2	41
60	Effect of three resistant soybean genotypes on the fecundity, mortality, and maturation of soybean aphid (Homoptera: Aphididae). <i>Journal of Economic Entomology</i> , 2004 , 97, 1106-11	2.2	108
59	Phytotoxicity of <i>Fusarium solani</i> culture filtrates from soybeans and other hosts assayed by stem cuttings. <i>Australasian Plant Pathology</i> , 2004 , 33, 9	1.4	28
58	Isoflavonoid accumulation in soybean hairy roots upon treatment with <i>Fusarium solani</i> . <i>Plant Physiology and Biochemistry</i> , 2004 , 42, 671-9	5.4	121
57	Detection and Quantification of <i>Fusarium solani</i> f. sp. <i>glycines</i> in Soybean Roots with Real-Time Quantitative Polymerase Chain Reaction. <i>Plant Disease</i> , 2004 , 88, 1372-1380	1.5	79
56	Resistance of <i>Glycine</i> Species and Various Cultivated Legumes to the Soybean Aphid (Homoptera: Aphididae). <i>Journal of Economic Entomology</i> , 2004 , 97, 1071-1077	2.2	53
55	Mycelial Compatibility Grouping and Aggressiveness of <i>Sclerotinia sclerotiorum</i> . <i>Plant Disease</i> , 2004 , 88, 325-332	1.5	63
54	Resistance to the Soybean Aphid in Soybean Germplasm. <i>Crop Science</i> , 2004 , 44, 98	2.4	76

53	Evaluation of Soybean, Dry Bean, and Sunflower for Resistance to <i>Sclerotinia sclerotiorum</i> . <i>Crop Science</i> , 2004 , 44, 777	2.4	14
52	Biochemical Response of Soybean Roots to <i>Fusarium solani</i> f. sp. <i>glycines</i> Infection. <i>Crop Science</i> , 2004 , 44, 819	2.4	36
51	Occurrence of Soybean Stem Canker (<i>Diaporthe phaseolorum</i> var. <i>meridionalis</i>) in Wisconsin. <i>Plant Disease</i> , 2004 , 88, 576	1.5	3
50	Occurrence of Seed Coat Mottling in Soybean Plants Inoculated with Bean pod mottle virus and Soybean mosaic virus. <i>Plant Disease</i> , 2003 , 87, 1333-1336	1.5	41
49	Evaluation of Resistance Screening Methods for <i>Sclerotinia</i> Stem Rot of Soybean and Dry Bean. <i>Plant Disease</i> , 2003 , 87, 1471-1476	1.5	60
48	Response of Commercially Developed Soybean Cultivars and the Ancestral Soybean Lines to <i>Fusarium solani</i> f. sp. <i>glycines</i> . <i>Plant Disease</i> , 2003 , 87, 827-831	1.5	32
47	Distribution of Leaf-Feeding Beetles and Bean pod mottle virus (BPMV) in Illinois and Transmission of BPMV in Soybean. <i>Plant Disease</i> , 2003 , 87, 1221-1225	1.5	16
46	Evaluation of Soybean Resistance to <i>Sclerotinia</i> Stem Rot Using Reciprocal Grafting. <i>Plant Disease</i> , 2003 , 87, 154-158	1.5	9
45	Variability and transmission by <i>Aphis glycines</i> of North American and Asian Soybean mosaic virus isolates. <i>Archives of Virology</i> , 2003 , 148, 1925-41	2.6	31
44	Molecular detection of <i>Fusarium solani</i> f. sp. <i>glycines</i> in soybean roots and soil. <i>Plant Pathology</i> , 2003 , 52, 74-83	2.8	49
43	Current status of soybean rust control by fungicides. <i>Outlooks on Pest Management</i> , 2003 , 14, 197		28
42	A <i>Stachybotrys chartarum</i> isolate from soybean. <i>Mycopathologia</i> , 2002 , 154, 41-9	2.9	12
41	Efficacy of Fungicides on <i>Sclerotinia sclerotiorum</i> and Their Potential for Control of <i>Sclerotinia</i> Stem Rot on Soybean. <i>Plant Disease</i> , 2002 , 86, 26-31	1.5	90
40	Selected Soybean Plant Introductions with Partial Resistance to <i>Sclerotinia sclerotiorum</i> . <i>Plant Disease</i> , 2002 , 86, 971-980	1.5	43
39	Use of Aeroponic Chambers and Grafting to Study Partial Resistance to <i>Fusarium solani</i> f. sp. <i>glycines</i> in Soybean. <i>Plant Disease</i> , 2002 , 86, 1223-1226	1.5	7
38	Evaluation of <i>Glycine max</i> Germ Plasm for Resistance to <i>Fusarium solani</i> f. sp. <i>glycines</i> . <i>Plant Disease</i> , 2002 , 86, 741-746	1.5	32
37	Quality of Harvested Seed Associated with Soybean Cultivars and Herbicides Under Weed-Free Conditions. <i>Plant Disease</i> , 2002 , 86, 1036-1042	1.5	15
36	Effect of crop rotation and tillage system on <i>sclerotinia</i> stem rot on soybean. <i>Canadian Journal of Plant Pathology</i> , 2002 , 24, 450-456	1.6	34

35	Influence of herbicides on Rhizoctonia root and hypocotyl rot of soybean. <i>Crop Protection</i> , 2002 , 21, 679-687	2.2	22
34	Response of Ancestral Soybean Lines and Commercial Cultivars to Rhizoctonia Root and Hypocotyl Rot. <i>Plant Disease</i> , 2001 , 85, 1091-1095	1.5	29
33	Physical Map Location of the Rps1-k Allele in Soybean. <i>Crop Science</i> , 2001 , 41, 1435-1438	2.4	13
32	Occurrence and Distribution of Aphis glycines on Soybeans in Illinois in 2000 and Its Potential Control. <i>Plant Health Progress</i> , 2001 , 2, 17	1.2	64
31	Identification of a stress-induced protein in stem exudates of soybean seedlings root-infected with Fusarium solani f. sp. glycines. <i>Plant Physiology and Biochemistry</i> , 2000 , 38, 803-809	5.4	7
30	Evaluation of Perennial Glycine Species for Resistance to Soybean Fungal Pathogens That Cause Sclerotinia Stem Rot and Sudden Death Syndrome. <i>Crop Science</i> , 2000 , 40, 545-549	2.4	43
29	Molecular Differentiation of Fusarium solani f. sp. glycines from Other F. solani Based on Mitochondrial Small Subunit rDNA Sequences. <i>Phytopathology</i> , 2000 , 90, 491-7	3.8	29
28	First Report of Stachybotrys chartarum Causing Soybean Root Rot. <i>Plant Disease</i> , 2000 , 84, 100	1.5	
27	Molecular Detection of Diaporthe phaseolorum and Phomopsis longicolla from Soybean Seeds. <i>Phytopathology</i> , 1999 , 89, 796-804	3.8	62
26	Viability staining of soybean suspension-cultured cells and a seedling stem cutting assay to evaluate phytotoxicity of Fusarium solani f. sp. glycines culture filtrates. <i>Plant Cell Reports</i> , 1999 , 18, 375-380	5.1	37
25	Development of Sclerotia and Apothecia of Sclerotinia sclerotiorum from Infected Soybean Seed and Its Control by Fungicide Seed Treatment. <i>Plant Disease</i> , 1999 , 83, 1113-1115	1.5	29
24	Occurrence of Sclerotinia sclerotiorum in Soybean Fields in East-Central Illinois and Enumeration of Inocula in Soybean Seed Lots. <i>Plant Disease</i> , 1998 , 82, 560-564	1.5	30
23	Yield and Seed Quality of Soybean Cultivars Infected with Sclerotinia sclerotiorum. <i>Plant Disease</i> , 1998 , 82, 826-829	1.5	54
22	Reaction of Selected Soybean Genotypes to Isolates of Fusarium solani f. sp. glycines and Their Culture Filtrates. <i>Plant Disease</i> , 1998 , 82, 999-1002	1.5	44
21	Molecular Identification and Phylogenetic Grouping of Diaporthe phaseolorum and Phomopsis longicolla Isolates from Soybean. <i>Phytopathology</i> , 1998 , 88, 1306-14	3.8	59
20	Chlamydospore formation, production, and nuclear status in Fusarium solani f. sp. glycines soybean sudden death syndrome-causing isolates. <i>Mycologia</i> , 1998 , 90, 414-421	2.4	10
19	Using PCR to Distinguish Diaporthe phaseolorum and Phomopsis longicolla from Other Soybean Fungal Pathogens and to Detect Them in Soybean Tissues. <i>Plant Disease</i> , 1997 , 81, 1143-1149	1.5	55
18	Germplasm Evaluation of Glycine max for Resistance to Fusarium solani, the Causal Organism of Sudden Death Syndrome. <i>Plant Disease</i> , 1997 , 81, 515-518	1.5	89

17	A Greenhouse Technique for Assessing Phytophthora Root Rot Resistance in Glycine max and G. soja. <i>Plant Disease</i> , 1997 , 81, 1112-1114	1.5	8
16	Effects of intercropping and soil amendment with urea and calcium oxide on the incidence of bacterial wilt of tomato and survival of soil-borne Pseudomonas solanacearum in Taiwan. <i>Plant Pathology</i> , 1997 , 46, 600-610	2.8	43
15	Red leaf blotch (Dactuliochaeta glycinis) of soybeans (Glycine max) and its relationship to yield. <i>Plant Pathology</i> , 1996 , 45, 332-343	2.8	6
14	Variable Reaction of Tomato Lines to Bacterial Wilt Evaluated at Several Locations in Southeast Asia. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1996 , 31, 143-146	2.4	59
13	Identification and map location of TTR1, a single locus in Arabidopsis thaliana that confers tolerance to tobacco ringspot nepovirus. <i>Molecular Plant-Microbe Interactions</i> , 1996 , 9, 729-35	3.6	38
12	Predicting Water Quality during Dredging and Disposal of Contaminated Sediments from the Sitcum Waterway in Commencement Bay, Washington, USA. <i>Water Science and Technology</i> , 1993 , 28, 237-254	2.2	38
11	Resistance in Lycopersicon species to black leaf mold caused by Pseudocercospora Fuligena. <i>Euphytica</i> , 1993 , 71, 125-130	2.1	4
10	Pathogenicity and Virulence of Phytophthora capsici isolates from Taiwan on Tomatoes and Other Selected Hosts. <i>Plant Disease</i> , 1993 , 77, 588	1.5	8
9	Sources of Resistance to Soybean Rust in Perennial Glycine Species. <i>Plant Disease</i> , 1992 , 76, 396	1.5	36
8	Black Leaf Mold Development and Its Effect on Tomato Yield. <i>Plant Disease</i> , 1992 , 76, 462	1.5	12
7	Cultural Studies on Dactuliochaeta glycinis, the Causal Agent of Red Leaf Blotch of Soybeans. <i>Plant Disease</i> , 1992 , 76, 847	1.5	5
6	Seed Populations of Striga Species in Nigeria. <i>Plant Disease</i> , 1991 , 75, 494	1.5	23
5	Soybean Rust Development and the Quantitative Relationship Between Rust Severity and Soybean Yield. <i>Plant Disease</i> , 1991 , 75, 596	1.5	88
4	Cultural Studies and Pathogenicity of Pseudocercospora fuligena, the Causal Agent of Black Leaf Mold of Tomato. <i>Plant Disease</i> , 1991 , 75, 1060	1.5	12
3	Dactuliochaeta, A New Genus for the Fungus Causing Red Leaf Blotch of Soybeans. <i>Mycologia</i> , 1988 , 80, 696-706	2.4	6
2	Red Leaf Blotch of Soybeans. <i>Plant Disease</i> , 1987 , 71, 113	1.5	10
1	Incidence of Colletotrichum spp. on Soybeans and Weeds in Illinois and Pathogenicity of Colletotrichum truncatum. <i>Plant Disease</i> , 1986 , 70, 780	1.5	28