Shouan Zhang

List of Publications by Year
in descending order

71 papers	2,931 citations	331670 21 h-index	168389 53 g-index
71 all docs	71 docs citations	71 times ranked	2952 citing authors

#	Article	IF	Citations
1	Induced Systemic Resistance and Promotion of Plant Growth by Bacillus spp.. Phytopathology, 2004, 94, 1259-1266.	2.2	1,341
2	The role of salicylic acid in induced systemic resistance elicited by plant growth-promoting rhizobacteria against blue mold of tobacco. Biological Control, 2002, 25, 288-296.	3.0	138
3	Heat Treatment Eliminates â€˜CandidatusLiberibacter asiaticusâ€™ from Infected Citrus Trees Under Controlled Conditions. Phytopathology, 2013, 103, 15-22.	2.2	119
4	Characterization of phosphate-solubilizing bacteria isolated from calcareous soils. Applied Soil Ecology, 2015, 96, 217-224.	4.3	103
5	Tobacco growth enhancement and blue mold disease protection by rhizobacteria: Relationship between plant growth promotion and systemic disease protection by PGPR strain 90-166. Plant and Soil, 2004, 262, 277-288.	3.7	88
6	Lack of Induced Systemic Resistance in Peanut to Late Leaf Spot Disease by Plant Growth-Promoting Rhizobacteria and Chemical Elicitors. Plant Disease, 2001, 85, 879-884.	1.4	84
7	Evaluation of plant growth-promoting rhizobacteria for control of Phytophthora blight on squash under greenhouse conditions. Biological Control, 2010, 53, 129-135.	3.0	76
8	Effect of Application Frequency and Reduced Rates of Acibenzolar-S-Methyl on the Field Efficacy of Induced Resistance Against Bacterial Spot on Tomato. Plant Disease, 2012, 96, 221-227.	1.4	67
9	Basil Downy Mildew (Peronospora belbahrii): Discoveries and Challenges Relative to Its Control. Phytopathology, 2015, 105, 885-894.	2.2	64
10	Effects of Plant Growth-Promoting Rhizobacteria and N Source on Plant Growth and N and P Uptake by Tomato Grown on Calcareous Soils. Pedosphere, 2017, 27, 1027-1036.	4.0	64
11	Development of Assays for Assessing Induced Systemic Resistance by Plant Growth-Promoting Rhizobacteria against Blue Mold of Tobacco. Biological Control, 2002, 23, 79-86.	3.0	50
12	Occurrence Of Viruses Infecting Watermelon, Other Cucurbits, and Weeds in the Parts of Southern United States. Plant Health Progress, 2012, 13, .	1.4	42
13	Evaluation of fluopyram for southern root-knot nematode management in tomato production in China. Crop Protection, 2019, 122, 84-89.	2.1	41
14	Utilization of chemical inducers of resistance and Cryptococcus flavescens OH 182.9 to reduce Fusarium head blight under greenhouse conditions. Biological Control, 2007, 42, 308-315.	3.0	36
15	Synergistic Effect of Combined Application of a New Fungicide Fluopimomide with a Biocontrol Agent Bacillus methylotrophicus TA-1 for Management of Gray Mold in Tomato. Plant Disease, 2019, 103, 1991-1997.	1.4	31
16	Carbon-to-Nitrogen Ratio and Carbon Loading of Production Media Influence Freeze-Drying Survival and Biocontrol Efficacy of Cryptococcus nodaensis OH 182.9. Phytopathology, 2005, 95, 626-631.	2.2	28
17	Oxidative stress, intestinal damage, and cell apoptosis: Toxicity induced by fluopyram in Caenorhabditis elegans. Chemosphere, 2022, 286, 131830.	8.2	28
18	Evaluation of systemic acquired resistance inducers for control of downy mildew on basil. Crop Protection, 2012, 40, 83-90.	2.1	25

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19	Effect of chemical treatments on â€˜Candidatus Liberibacter asiaticusâ€™ infected pomelo (Citrus maxima). Crop Protection, 2014, 65, 114-121.	2.1	24
20	Inhibitory effect of allicin against Meloidogyne incognita and Botrytis cinerea in tomato. Scientia Horticulturae, 2019, 253, 203-208.	3.6	24
21	Surfactants in plant disease management: A brief review and case studies. Plant Pathology, 2021, 70, 495-510.	2.4	24
22	Lentinan extends lifespan and increases oxidative stress resistance through DAF-16 and SKN-1 pathways in Caenorhabditis elegans. International Journal of Biological Macromolecules, 2022, 202, 286-295.	7.5	22
23	Genetic Diversity of Candidatus Liberibacter asiaticus Based on Two Hypervariable Effector Genes in Thailand. PLoS ONE, 2014, 9, e112968.	2.5	21
24	Management of bacterial spot of tomato caused by copper-resistant Xanthomonas perforans using a small molecule compound carvacrol. Crop Protection, 2020, 132, 105114.	2.1	21
25	Management of Powdery Mildew in Squash by Plant and Alga Extract Biopesticides. Plant Pathology Journal, 2016, 32, 528-536.	1.7	20
26	Potential of a Small Molecule Carvacrol in Management of Vegetable Diseases. Molecules, 2019, 24, 1932.	3.8	20
27	Evaluation of Microbial Products for Management of Powdery Mildew on Summer Squash and Cantaloupe in Florida. Plant Disease, 2011, 95, 461-468.	1.4	19
28	Efficacy of Acibenzolarâ€Sâ€Methyl and Î²â€Aminobutyric Acid for Control of Downy Mildew in Greenhouse Grown Basil and Peroxidase Activity in Response to Treatment with these Compounds. Journal of Phytopathology, 2013, 161, 154-164.	1.0	19
29	Evaluating a new non-fumigant nematicide fluopimomide for management of southern root-knot nematodes in tomato. Crop Protection, 2020, 129, 105040.	2.1	16
30	Application of plant growth-promoting rhizobacteria to control Papaya ringspot virus and Tomato chlorotic spot virus. Archives of Phytopathology and Plant Protection, 2017, 50, 584-597.	1.3	15
31	Prevalence and Epidemics of Neoscytalidium Stem and Fruit Canker on Pitahaya (Hylocereus spp.) in South Florida. Plant Disease, 2020, 104, 1433-1438.	1.4	14
32	Transposon-mediated telomere destabilization: a driver of genome evolution in the blast fungus. Nucleic Acids Research, 2020, 48, 7197-7217.	14.5	14
33	Asian Crops Overview: Consumer Preference and Cultivar Growth on the East Coast of the United States. Hortscience: A Publication of the American Society for Hortcultural Science, 2016, 51, 1344-1350.	1.0	13
34	Effects of temperature, wetness duration and leaf age on incubation and latent periods of black leaf mold (Pseudocercospora fuligena) on fresh market tomatoes. European Journal of Plant Pathology, 2014, 138, 39-49.	1.7	12
35	Red Light Increases Suppression of Downy Mildew in Basil by Chemical and Organic Products. Journal of Phytopathology, 2016, 164, 1022-1029.	1.0	12
36	Molecular mechanisms underlying heat or tetracycline treatments for citrus HLB control. Horticulture Research, 2018, 5, 30.	6.3	12

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37	Evaluation of fluazaindolizine, a new nematicide for management of Meloidogyne incognita in squash in calcareous soils. Crop Protection, 2021, 143, 105469.	2.1	12
38	Mutagenic DNA repair potential in Pseudomonas spp., and characterization of the rulABPc operon from the highly mutable strain Pseudomonas cichorii 302959. Canadian Journal of Microbiology, 2004, 50, 29-39.	1.7	11
39	Molecular Linkage Mapping and Marker-Trait Associations with NlRPT, a Downy Mildew Resistance Gene in Nicotiana langsdorffii. Frontiers in Plant Science, 2012, 3, 185.	3.6	11
40	Assessment of copper resistance in Pseudomonas syringae pv. phaseolicola, the pathogen of halo blight on snap bean. Crop Protection, 2017, 98, 8-15.	2.1	11
41	Integrated management of Meloidogyne incognita and Fusarium oxysporum in cucumber by combined application of abamectin and fludioxonil. Crop Protection, 2019, 126, 104922.	2.1	11
42	Evaluation of a Small-Molecule Compound, N-Acetylcysteine, for the Management of Bacterial Spot of Tomato Caused by Copper-Resistant Xanthomonas perforans. Plant Disease, 2021, 105, 108-113.	1.4	11
43	Cold shock during liquid production increases storage shelf-life ofCryptococcus nodaensisOH 182.9 after air-drying. Biocontrol Science and Technology, 2006, 16, 281-293.	1.3	10
44	Fluopimomide effectively controls Meloidogyne incognita and shows a growth promotion effect in cucumber. Journal of Pest Science, 2020, 93, 1421-1430.	3.7	10
45	Reverse transcription loop-mediated isothermal amplification for species-specific detection of tomato chlorotic spot orthotospovirus. Journal of Virological Methods, 2018, 253, 56-60.	2.1	9
46	Evaluation of a small molecule compound 3-indolylacetonitrile for control of bacterial spot on tomato. Crop Protection, 2019, 120, 7-12.	2.1	9
47	Tomato Chlorotic Spot Virus. Edis, 2013, 2013, .	0.1	9
48	Complete Genome Sequence of an Emerging Genotype of Tobacco Streak Virus in the United States. Genome Announcements, 2014, 2, .	0.8	8
49	Evaluation of the New Compound Oxathiapiprolin for Control of Downy Mildew in Basil. Plant Health Progress, 2015, 16, 165-172.	1.4	8
50	Distribution Pattern of Thrips (Thysanoptera: Thripidae) and Tomato Chlorotic Spot Virus in South Florida Tomato Fields. Environmental Entomology, 2020, 49, 73-87.	1.4	6
51	Management of Meloidogyne incognita on Cucumber with a New Nonfumigant Nematicide Fluopimomide. Plant Disease, 2022, 106, 151-155.	1.4	6
52	Effect of Plant Age and Acibenzolar-S-methyl on Development of Downy Mildew of Basil. Hortscience: A Publication of the American Society for Hortcultural Science, 2014, 49, 1392-1396.	1.0	6
53	Field distribution and disease incidence of tomato chlorotic spot virus, an emerging virus threatening tomato production in South Florida. Tropical Plant Pathology, 2019, 44, 430-437.	1.5	5
54	Field Evaluation of Tomato Cultivars for Tolerance to Tomato Chlorotic Spot Tospovirus. Plant Health Progress, 2019, 20, 77-82.	1.4	5

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55	Long-Term Effect of Mutagenic DNA Repair on Accumulation of Mutations in Pseudomonas syringae B86-17. Journal of Bacteriology, 2004, 186, 7807-7810.	2.2	4
56	Isolating and Characterizing Phosphorus Solubilizing Bacteria From Rhizospheres of Native Plants Grown in Calcareous Soils. Frontiers in Environmental Science, 2021, 9, .	3.3	4
57	Seasonal Dynamics of Black Leaf Mould (<scp>P</scp>seudocercospora fuligena) on Greenhouseâ€Grown Fresh Market Tomatoes. Journal of Phytopathology, 2014, 162, 158-169.	1.0	3
58	Integration of chitosan and plant growth-promoting rhizobacteria to controlPapaya ringspot virusandTomato chlorotic spot virus. Archives of Phytopathology and Plant Protection, 2017, 50, 997-1007.	1.3	3
59	Metabolomics Insights into Chemical Convergence in Xanthomonas perforans and Metabolic Changes Following Treatment with the Small Molecule Carvacrol. Metabolites, 2021, 11, 879.	2.9	3
60	First Report of Erysiphe fallax Causing Powdery Mildew on Phasey Bean (Macroptilium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.4	2
61	Outbreaks of Tomato Chlorotic Spot Tospovirus in Commercial Tomato Fields and Effectiveness of Different Management Measures in South Florida. Plant Health Progress, 2020, 21, 188-193.	1.4	2
62	Fusarium Crown and Root Rot of Tomato in Florida. Edis, 2021, 2021, .	0.1	2
63	Chapter 10. Minor Vegetable Crop Production. Edis, 0, , .	0.1	1
64	Groundnut Ringspot Virus in Florida. Edis, 2011, 2011, .	0.1	1
65	Saltwater Intrusion and Flooding: Risks to South Floridaâ€™s Agriculture and Potential Management Practices. Edis, 2022, 2022, .	0.1	1
66	Draft Genome Sequences of Pseudomonas syringae pv. tomato Strains J4 and J6, Isolated in Florida. Microbiology Resource Announcements, 2021, 10, .	0.6	0
67	Chapter 11. Legume Production. Edis, 0, , .	0.1	0
68	Chapter 15. Root Crop Production in Florida. Edis, 0, , .	0.1	0
69	Chapter 12. Onion, Leek, and Chive Production in Florida. Edis, 0, , .	0.1	0
70	A Postharvest Fruit Rot Caused by Alternaria sp. on Imported Plum Tomatoes in South Florida. Edis, 2013, 2013, .	0.1	0
71	2021 Florida Plant Disease Management Guide: Eggplant. Edis, 2022, 2022, .	0.1	0