

Guido Schnabel

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The 14 α -Demethylase (CYP51A1) Gene is Overexpressed in <i>Venturia inaequalis</i> Strains Resistant to Myclobutanil. <i>Phytopathology</i> , 2001, 91, 102-110.	2.2	190
2	Resistance to Pyraclostrobin and Boscalid in <i>Botrytis cinerea</i> Isolates from Strawberry Fields in the Carolinas. <i>Plant Disease</i> , 2012, 96, 1198-1203.	1.4	132
3	The Cytochrome P450 Lanosterol 14 α -Demethylase Gene Is a Demethylation Inhibitor Fungicide Resistance Determinant in <i>Monilinia fructicola</i> Field Isolates from Georgia. <i>Applied and Environmental Microbiology</i> , 2008, 74, 359-366.	3.1	128
4	Paralogous cyp51 genes in <i>Fusarium graminearum</i> mediate differential sensitivity to sterol demethylation inhibitors. <i>Fungal Genetics and Biology</i> , 2011, 48, 113-123.	2.1	120
5	Independent Emergence of Resistance to Seven Chemical Classes of Fungicides in <i>Botrytis cinerea</i> . <i>Phytopathology</i> , 2015, 105, 424-432.	2.2	109
6	<i>Monilinia</i> Species Causing Brown Rot of Peach in China. <i>PLoS ONE</i> , 2011, 6, e24990.	2.5	108
7	Efficacy of SDHI fungicides, including benzovindiflupyr, against <i>Colletotrichum</i> species. <i>Pest Management Science</i> , 2016, 72, 1844-1853.	3.4	94
8	Fungicide Resistance Profiles in <i>Botrytis cinerea</i> from Strawberry Fields of Seven Southern U.S. States. <i>Plant Disease</i> , 2014, 98, 825-833.	1.4	90
9	Managing <i>Colletotrichum</i> on Fruit Crops: A "Complex" Challenge. <i>Plant Disease</i> , 2020, 104, 2301-2316.	1.4	86
10	Reduced Sensitivity in <i>Monilinia fructicola</i> to Propiconazole in Georgia and Implications for Disease Management. <i>Plant Disease</i> , 2004, 88, 1000-1004.	1.4	81
11	Proposal for a unified nomenclature for target-site mutations associated with resistance to fungicides. <i>Pest Management Science</i> , 2016, 72, 1449-1459.	3.4	76
12	Rice false smut fungus hijacks the rice nutrients supply by blocking and mimicking the fertilization of rice ovary. <i>Environmental Microbiology</i> , 2016, 18, 3840-3849.	3.8	75
13	Characterization of Iprodione Resistance in <i>Botrytis cinerea</i> from Strawberry and Blackberry. <i>Phytopathology</i> , 2014, 104, 396-402.	2.2	74
14	Resistance to Cyprodinil and Lack of Fludioxonil Resistance in <i>Botrytis cinerea</i> Isolates from Strawberry in North and South Carolina. <i>Plant Disease</i> , 2013, 97, 81-85.	1.4	69
15	Resistance in <i>Colletotrichum siamense</i> From Peach and Blueberry to Thiophanate-Methyl and Azoxystrobin. <i>Plant Disease</i> , 2015, 99, 806-814.	1.4	69
16	Occurrence and Detection of the DMI Resistance-Associated Genetic Element "Mona"™ in <i>Monilinia fructicola</i> . <i>Plant Disease</i> , 2008, 92, 1099-1103.	1.4	64
17	Resistance to Fludioxonil in <i>Botrytis cinerea</i> Isolates from Blackberry and Strawberry. <i>Phytopathology</i> , 2014, 104, 724-732.	2.2	59
18	Differential effect of triazoles on mycelial growth and disease measurements of <i>Monilinia fructicola</i> isolates with reduced sensitivity to DMI fungicides. <i>Crop Protection</i> , 2007, 26, 753-759.	2.1	54

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19	Monitoring Resistance to SDHI Fungicides in <i>Botrytis cinerea</i> From Strawberry Fields. Plant Disease, 2016, 100, 959-965.	1.4	54
20	Adaptation to Fungicides in <i>Monilinia fructicola</i> Isolates with Different Fungicide Resistance Phenotypes. Phytopathology, 2008, 98, 230-238.	2.2	51
21	Fenhexamid Resistance in <i>Botrytis cinerea</i> from Strawberry Fields in the Carolinas Is Associated with Four Target Gene Mutations. Plant Disease, 2013, 97, 271-276.	1.4	51
22	Location-Specific Fungicide Resistance Profiles and Evidence for Stepwise Accumulation of Resistance in <i>Botrytis cinerea</i> . Plant Disease, 2014, 98, 1066-1074.	1.4	50
23	Investigation of the <i>Colletotrichum gloeosporioides</i> Species Complex Causing Peach Anthracnose in South Carolina. Plant Disease, 2015, 99, 797-805.	1.4	49
24	Diversity in species composition and fungicide resistance profiles in <i>Colletotrichum</i> isolates from apples. Pesticide Biochemistry and Physiology, 2019, 158, 18-24.	3.6	48
25	<i>Botrytis caroliniana</i> , a new species isolated from blackberry in South Carolina. Mycologia, 2012, 104, 650-658.	1.9	47
26	Resistance to Increasing Chemical Classes of Fungicides by Virtue of "Selection by Association" in <i>Botrytis cinerea</i> . Phytopathology, 2016, 106, 1513-1520.	2.2	44
27	Cross-resistance to the new fungicide mefentrifluconazole in DMI-resistant fungal pathogens. Pesticide Biochemistry and Physiology, 2021, 171, 104737.	3.6	40
28	Use of a Muscodor albus pad delivery system for the management of brown rot of peach in shipping cartons. Postharvest Biology and Technology, 2006, 42, 121-123.	6.0	38
29	An intron in the cytochrome b gene of <i>Monilinia fructicola</i> mitigates the risk of resistance development to QoI fungicides. Pest Management Science, 2010, 66, 1308-1315.	3.4	37
30	Fitness and Competitive Ability of <i>Alternaria alternata</i> Field Isolates with Resistance to SDHI, QoI, and MBC Fungicides. Plant Disease, 2015, 99, 1744-1750.	1.4	37
31	Identification and characterization of <i>Armillaria tabescens</i> from the southeastern United States. Mycological Research, 2005, 109, 1208-1222.	2.5	34
32	Characterization of <i>Botrytis cinerea</i> From Commercial Cut Flower Roses. Plant Disease, 2019, 103, 1577-1583.	1.4	34
33	Gastrodia anti-fungal protein from the orchid <i>Gastrodia elata</i> confers disease resistance to root pathogens in transgenic tobacco. Planta, 2006, 224, 1373-1383.	3.2	33
34	Frequent Gain and Loss of Introns in Fungal Cytochrome b Genes. PLoS ONE, 2012, 7, e49096.	2.5	33
35	Function of the genetic element "Mona"™ associated with fungicide resistance in <i>Monilinia fructicola</i> . Molecular Plant Pathology, 2017, 18, 90-97.	4.2	33
36	Meta-Analysis of a Web-Based Disease Forecast System for Control of Anthracnose and Botrytis Fruit Rots of Strawberry in Southeastern United States. Plant Disease, 2017, 101, 1910-1917.	1.4	32

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37	Inherent Resistance to 14 [±] -Demethylation Inhibitor Fungicides in <i>Colletotrichum truncatum</i> Is Likely Linked to <i>CYP51A</i> and/or <i>CYP51B</i> Gene Variants. <i>Phytopathology</i> , 2018, 108, 1263-1275.	2.2	29
38	Influence of storage approaches on instability of propiconazole resistance in <i>Monilinia fructicola</i> . <i>Pest Management Science</i> , 2012, 68, 1003-1009.	3.4	28
39	Within-Season Shift in Fungicide Resistance Profiles of <i>Botrytis cinerea</i> in California Strawberry Fields. <i>Plant Disease</i> , 2019, 103, 59-64.	1.4	26
40	Identification and Characterization of Three <i>Monilinia</i> Species from Plum in China. <i>Plant Disease</i> , 2015, 99, 1775-1783.	1.4	24
41	Selection of a Suitable Medium to Determine Sensitivity of <i>Monilinia fructicola</i> Mycelium to SDHI Fungicides. <i>Journal of Phytopathology</i> , 2011, 159, 616-620.	1.0	23
42	Fungicide-induced transposon movement in <i>Monilinia fructicola</i> . <i>Fungal Genetics and Biology</i> , 2015, 85, 38-44.	2.1	23
43	Cloning and expression analysis of the ATP-binding cassette transporter gene <i>MFABC1</i> and the alternative oxidase gene <i>MfAOX1</i> from <i>Monilinia fructicola</i> . <i>Pest Management Science</i> , 2003, 59, 1143-1151.	3.4	22
44	Paralogous <i>CYP51</i> Genes of <i>Colletotrichum</i> spp. Mediate Differential Sensitivity to Sterol Demethylation Inhibitors. <i>Phytopathology</i> , 2020, 110, 615-625.	2.2	22
45	Evaluation of leaf wetness duration models for operational use in strawberry disease-warning systems in four US states. <i>International Journal of Biometeorology</i> , 2016, 60, 1761-1774.	3.0	21
46	Identification and Characterization of <i>Botrytis fragariae</i> Isolates on Strawberry in the United States. <i>Plant Disease</i> , 2017, 101, 1769-1773.	1.4	20
47	<i>Colletotrichum</i> Species Associated with Peaches in China. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 313.	3.5	20
48	Draft Genome Resources for the Phytopathogenic Fungi <i>Monilinia fructicola</i> , <i>M. fructigena</i> , <i>M. polystroma</i> , and <i>M. laxa</i> , the Causal Agents of Brown Rot. <i>Phytopathology</i> , 2018, 108, 1141-1142.	2.2	19
49	Inherent tolerance of <i>Colletotrichum gloeosporioides</i> to fludioxonil. <i>Pesticide Biochemistry and Physiology</i> , 2021, 172, 104767.	3.6	19
50	Generation and Characterization of Transgenic Plum Lines Expressing the <i>Gastrodia</i> Antifungal Protein. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 1514-1521.	1.0	19
51	Characterization of difenoconazole resistance in <i>Lasiodiplodia theobromae</i> from papaya in Brazil. <i>Pest Management Science</i> , 2020, 76, 1344-1352.	3.4	18
52	Comparison of Reduced-Application and Sulfur-Based Fungicide Programs on Scab Intensity, Fruit Quality, and Cost of Disease Control on Peach. <i>Plant Disease</i> , 2004, 88, 162-166.	1.4	17
53	Identification and Prevalence of <i>Botrytis</i> spp. from Blackberry and Strawberry Fields of the Carolinas. <i>Plant Disease</i> , 2012, 96, 1634-1637.	1.4	17
54	Sensitivity to fungicides in isolates of <i>Colletotrichum gloeosporioides</i> and <i>C. acutatum</i> species complexes and efficacy against anthracnose diseases. <i>Pesticide Biochemistry and Physiology</i> , 2022, 182, 105049.	3.6	17

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55	Reduced sensitivity of azoxystrobin and thiophanate-methyl resistance in <i>Lasiodiplodia theobromae</i> from papaya. <i>Pesticide Biochemistry and Physiology</i> , 2020, 162, 60-68.	3.6	16
56	Evaluation of the Intelligent Sprayer System in Peach Production. <i>Plant Disease</i> , 2020, 104, 3207-3212.	1.4	16
57	A New Selective Medium for the Recovery and Enumeration of <i>Monilinia fructicola</i> , <i>M. fructigena</i> , and <i>M. laxa</i> from Stone Fruits. <i>Phytopathology</i> , 2009, 99, 1199-1208.	2.2	14
58	Competitive ability of multi-fungicide resistant <i>Botrytis cinerea</i> in a blackberry planting over three years. <i>Pesticide Biochemistry and Physiology</i> , 2020, 163, 1-7.	3.6	14
59	Heterologous expression of the P450 sterol 14 α -demethylase gene from <i>Monilinia fructicola</i> reduces sensitivity to some but not all DMI fungicides. <i>Pesticide Biochemistry and Physiology</i> , 2004, 78, 31-38.	3.6	13
60	Genotypic and Phenotypic Variations in <i>Botrytis</i> spp. Isolates from Single Strawberry Flowers. <i>Plant Disease</i> , 2018, 102, 179-184.	1.4	13
61	<i>atrB</i> -Associated Fludioxonil Resistance in <i>Botrytis fragariae</i> Not Linked to Mutations in Transcription Factor <i>mrr1</i> . <i>Phytopathology</i> , 2019, 109, 839-846.	2.2	12
62	Monitoring Resistance by Bioassay: Relating Results to Field Use Using Culturing Methods. , 2015, , 281-293.		11
63	Effect of Fungicide Applications on <i>Monilinia fructicola</i> Population Diversity and Transposon Movement. <i>Phytopathology</i> , 2016, 106, 1504-1512.	2.2	10
64	Investigation of Fungi Causing Twig Blight Diseases on Peach Trees in South Carolina. <i>Plant Disease</i> , 2019, 103, 705-710.	1.4	10
65	Characterization of <i>Botrytis cinerea</i> Isolates from Strawberry with Reduced Sensitivity to Polyoxin D Zinc Salt. <i>Plant Disease</i> , 2016, 100, 2057-2061.	1.4	9
66	Fungicide Resistance in <i>Botrytis fragariae</i> and Species Prevalence in the Mid-Atlantic United States. <i>Plant Disease</i> , 2018, 102, 964-969.	1.4	9
67	In vitro co-culture system for <i>Prunus</i> spp. and <i>Armillaria mellea</i> in phenolic foam rooting matrix. In <i>Vitro Cellular and Developmental Biology - Plant</i> , 2021, 57, 387-397.	2.1	9
68	The <i>Gastrodia</i> Antifungal Protein (GAFP-1) and Its Transcript Are Absent from Scions of Chimeric-grafted Plum. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2010, 45, 188-192.	1.0	9
69	Development of Spontaneous Hygromycin B Resistance in <i>Monilinia fructicola</i> and Its Impact on Growth Rate, Morphology, Susceptibility to Demethylation Inhibitor Fungicides, and Sporulation. <i>Phytopathology</i> , 2003, 93, 1354-1359.	2.2	8
70	Identifying and Characterizing Summer Diseases on "Babygold" Peach in South Carolina. <i>Plant Health Progress</i> , 2006, 7, 30.	1.4	8
71	Preventative Root-Collar Excavation Reduces Peach Tree Mortality Caused By <i>Armillaria</i> Root Rot On Replant Sites. <i>Plant Disease</i> , 2020, 104, 1274-1279.	1.4	8
72	Quinone outside inhibitor-resistant <i>Colletotrichum nymphaeae</i> isolates from strawberry lack mutations in <i>cytb</i> gene. <i>Journal of Plant Pathology</i> , 2020, 102, 681-683.	1.2	7

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73	Characterization of High Fludioxonil Resistance in <i>Botrytis cinerea</i> Isolates from Calibrachoa Flowers. <i>Phytopathology</i> , 2021, 111, 478-484.	2.2	7
74	Validation of the Lipbalm Tube Assay for Evaluation of Fungicide Sensitivity in Field Isolates of <i>Monilinia fructicola</i> . <i>Plant Health Progress</i> , 2009, 10, .	1.4	6
75	Persistence of Propiconazole in Peach Roots and Efficacy of Trunk Infusions for <i>Armillaria</i> Root Rot Control. <i>International Journal of Fruit Science</i> , 2012, 12, 437-449.	2.4	6
76	Biology, epidemiology, and management of diseases of peach driving the spray program in the southeastern United States. <i>Scientia Horticulturae</i> , 2022, 295, 110818.	3.6	6
77	Investigation of Potential Causes of Peach Skin Streaking. <i>Plant Disease</i> , 2017, 101, 1601-1605.	1.4	5
78	Recovery Plan for <i>Monilinia polystroma</i> Causing Asiatic Brown Rot of Stone Fruit. <i>Plant Health Progress</i> , 2018, 19, 107-124.	1.4	5
79	Preservation of <i>Monilinia fructicola</i> Genotype Diversity Within Fungal Cankers. <i>Plant Disease</i> , 2019, 103, 526-530.	1.4	5
80	First Report of <i>Colletotrichum fioriniae</i> and <i>C. nymphaeae</i> Causing Anthracnose on Cherry Tomatoes in South Carolina. <i>Plant Disease</i> , 2019, 103, 1042-1042.	1.4	5
81	Calcium Application Method Impacts Botrytis Blight Severity on Petunia Flowers. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 192-195.	1.0	4
82	Natural infection of an herbaceous host by <i>Armillaria</i> : a case study on <i>Hemerocallis</i> . <i>Canadian Journal of Plant Pathology</i> , 2010, 32, 351-360.	1.4	3
83	Infrequent Occurrence of Peach Skin Streaking and the Role of Rainwater Attributes on Symptom Development. <i>Plant Disease</i> , 2019, 103, 2606-2611.	1.4	3
84	A High-Quality Genome Resource of <i>Botrytis fragariae</i> , a New and Rapidly Spreading Fungal Pathogen Causing Strawberry Gray Mold in the United States. <i>Phytopathology</i> , 2021, 111, 496-499.	2.2	3
85	Host Status of Three Transgenic Plum Lines to <i>Mesocriconea xenoplax</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 1932-1935.	1.0	3
86	Generation and Characterization of Transgenic Plum Lines Expressing <i>gafp-1</i> with the <i>bul409</i> Promoter. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 975-980.	1.0	3
87	Reduction of <i>Botrytis cinerea</i> Infection on Petunia Flowers following Calcium Spray Applications. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 188-191.	1.0	3
88	Novel gene sequence markers for isolate tracking within <i>Monilinia fructicola</i> lesions. <i>Pest Management Science</i> , 2017, 73, 1822-1829.	3.4	2
89	Understanding Plant Diseases Using Art and Technology. <i>International Journal of Fruit Science</i> , 2020, 20, 959-966.	2.4	2
90	Copper tolerance in <i>Xanthomonas arboricola</i> pv. <i>pruni</i> in South Carolina peach orchards. <i>Plant Disease</i> , 2021, , .	1.4	2

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91	Evolutionary analysis revealed the horizontal transfer of the Cyt b gene from Fungi to Chromista. <i>Molecular Phylogenetics and Evolution</i> , 2014, 76, 155-161.	2.7	1
92	Histone H3 gene is not a suitable marker to distinguish <i>Alternaria tenuissima</i> from <i>A. alternata</i> affecting potato. <i>PLoS ONE</i> , 2020, 15, e0231961.	2.5	1
93	Relationship of Pink Pigmentation in Rose Petals and <i>Botrytis cinerea</i> . <i>Plant Health Progress</i> , 2020, 21, 152-156.	1.4	1
94	Correlating light absorbance parameters in peach skin with susceptibility to streaking and association with rainwater components. <i>PhytoFrontiers</i> , 0, , .	1.6	0
95	(311) Armillaria Root Rot of Peach: A Multipronged Approach. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1026B-1026.	1.0	0
96	(92) Preplant Practices to Manage Armillaria Root Rot Disease and Other Soil Pathogens on a Commercial Peach Replant Site. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1028D-1029.	1.0	0