Michael E Wisniewski

List of Publications by Year
in descending order

222 papers	14,262 citations	13865 67 h-index	24258 110 g-index
223 all docs	223 docs citations	223 times ranked	8648 citing authors

#	Article	IF	Citations
1	Twenty years of postharvest biocontrol research: Is it time for a new paradigm?. Postharvest Biology and Technology, 2009, 52, 137-145.	6.0	601
2	Efficacy of Salmeterol Xinafoate in the Treatment of COPD. Chest, 1999, 115, 957-965.	0.8	481
3	Review: Utilization of antagonistic yeasts to manage postharvest fungal diseases of fruit. International Journal of Food Microbiology, 2013, 167, 153-160.	4.7	389
4	Rapid Evaluation of Plant Extracts and Essential Oils for Antifungal Activity Against Botrytis cinerea. Plant Disease, 1997, 81, 204-210.	1.4	371
5	Control of postharvest decay of apple fruit by Aureobasidium pullulans and induction of defense responses. Postharvest Biology and Technology, 2000, 19, 265-272.	6.0	323
6	Deacclimation and reacclimation of cold-hardy plants: Current understanding and emerging concepts. Plant Science, 2006, 171, 3-16.	3.6	287
7	The science, development, and commercialization of postharvest biocontrol products. Postharvest Biology and Technology, 2016, 122, 22-29.	6.0	271
8	Purification, immunolocalization, cryoprotective, and antifreeze activity of PCA60: A dehydrin from peach (Prunus persica). Physiologia Plantarum, 1999, 105, 600-608.	5.2	257
9	Use of a Long-acting Inhaled Î²₂-Adrenergic Agonist, Salmeterol Xinafoate, in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 1087-1092.	5.6	246
10	Alternative management technologies for postharvest disease control: The journey from simplicity to complexity. Postharvest Biology and Technology, 2016, 122, 3-10.	6.0	234
11	Mode of action of the postharvest biocontrol yeast, Pichia guilliermondii. I. Characterization of attachment to Botrytis cinerea. Physiological and Molecular Plant Pathology, 1991, 39, 245-258.	2.5	224
12	Biological Control of Postharvest Diseases of Fruits and Vegetables: Recent Advances. Hortscience: A Publication of the American Society for Hortcultural Science, 1992, 27, 94-98.	1.0	208
13	Understanding plant cold hardiness: an opinion. Physiologia Plantarum, 2013, 147, 4-14.	5.2	195
14	Cold Acclimation in Genetically Related (Sibling) Deciduous and Evergreen Peach (<i>Prunus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	4.8	188
15	Genome, Transcriptome, and Functional Analyses of <i>Penicillium expansum</i> Provide New Insights Into Secondary Metabolism and Pathogenicity. Molecular Plant-Microbe Interactions, 2015, 28, 232-248.	2.6	183
16	Observations of Ice Nucleation and Propagation in Plants Using Infrared Video Thermography. Plant Physiology, 1997, 113, 327-334.	4.8	175
17	<i>Penicillium digitatum</i>Suppresses Production of Hydrogen Peroxide in Host Tissue During Infection of Citrus Fruit. Phytopathology, 2007, 97, 1491-1500.	2.2	175
18	Ectopic expression of a novel peach (Prunus persica) CBF transcription factor in apple (MalusÂÃ—Âdomestica) results in short-day induced dormancy and increased cold hardiness. Planta, 2011, 233, 971-983.	3.2	172

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19	Influence of food additives on the control of postharvest rots of apple and peach and efficacy of the yeast-based biocontrol product aspire. Postharvest Biology and Technology, 2003, 27, 127-135.	6.0	159
20	Role of citrus volatiles in host recognition, germination and growth of Penicillium digitatum and Penicillium italicum. Postharvest Biology and Technology, 2008, 49, 386-396.	6.0	157
21	Proteomics and low-temperature studies: bridging the gap between gene expression and metabolism. Physiologia Plantarum, 2006, 126, 97-109.	5.2	155
22	Apple endophytic microbiota of different rootstock/scion combinations suggests a genotype-specific influence. Microbiome, 2018, 6, 18.	11.1	155
23	Effects of Ca2+and Mg2+on Botrytis cinerea and Penicillium expansum in vitro and on the biocontrol activity of Candida oleophila. Plant Pathology, 1995, 44, 1016-1024.	2.4	152
24	Overexpression of Cytosolic Ascorbate Peroxidase in Tomato Confers Tolerance to Chilling and Salt Stress. Journal of the American Society for Horticultural Science, 2005, 130, 167-173.	1.0	149
25	Control of Postharvest Decay of Apple Fruit with Candida saitoana and Induction of Defense Responses. Phytopathology, 2003, 93, 344-348.	2.2	148
26	The Effect of Water, Sugars, and Proteins on the Pattern of Ice Nucleation and Propagation in Acclimated and Nonacclimated Canola Leaves. Plant Physiology, 2004, 135, 1642-1653.	4.8	144
27	A selection strategy for microbial antagonists to control postharvest diseases of fruits and vegetables. Scientia Horticulturae, 1993, 53, 183-189.	3.6	142
28	Ultrastructural and Cytochemical Aspects of the Biological Control of Botrytis cinerea by Candida saitoana in Apple Fruit. Phytopathology, 1998, 88, 282-291.	2.2	141
29	Spatial and compositional variation in the fungal communities of organic and conventionally grown apple fruit at the consumer point-of-purchase. Horticulture Research, 2016, 3, 16047.	6.3	138
30	Cold Acclimation in Genetically Related (Sibling) Deciduous and Evergreen Peach (Prunus persica [L.]) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.8	131
31	Superoxide anion and hydrogen peroxide in the yeast antagonistâ€"fruit interaction: A new role for reactive oxygen species in postharvest biocontrol?. Postharvest Biology and Technology, 2010, 58, 194-202.	6.0	129
32	Influence of CaCl2 on Penicillium digitatum, Grapefruit Peel Tissue, and Biocontrol Activity of Pichia guilliermondii. Phytopathology, 1997, 87, 310-315.	2.2	127
33	Overexpression of a peach CBF gene in apple: a model for understanding the integration of growth, dormancy, and cold hardiness in woody plants. Frontiers in Plant Science, 2015, 6, 85.	3.6	127
34	The fruit microbiome: A new frontier for postharvest biocontrol and postharvest biology. Postharvest Biology and Technology, 2018, 140, 107-112.	6.0	125
35	Antifreeze Proteins Modify the Freezing Process In Planta. Plant Physiology, 2005, 138, 330-340.	4.8	124
36	Seasonal expression of a dehydrin gene in sibling deciduous and evergreen genotypes of peach (Prunus) Tj ETQq0 0 0 rgBT /Overlock 10	3.9	118

#	Article	IF	Citations
37	Application of Candida saitoana and Glycolchitosan for the Control of Postharvest Diseases of Apple and Citrus Fruit Under Semi-Commercial Conditions. Plant Disease, 2000, 84, 243-248.	1.4	116
38	Adaptive mechanisms of freeze avoidance in plants: A brief update. Environmental and Experimental Botany, 2014, 99, 133-140.	4.2	116
39	Metabarcoding: A powerful tool to investigate microbial communities and shape future plant protection strategies. Biological Control, 2018, 120, 1-10.	3.0	115
40	Characterization of extracellular lytic enzymes produced by the yeast biocontrol agent Candida oleophila. Current Genetics, 2004, 45, 140-148.	1.7	113
41	Responses of Yeast Biocontrol Agents to Environmental Stress. Applied and Environmental Microbiology, 2015, 81, 2968-2975.	3.1	111
42	Plant hormesis induced by ultraviolet light-C for controlling postharvest diseases of tree fruits. Crop Protection, 1996, 15, 129-134.	2.1	108
43	Experimental evidence of microbial inheritance in plants and transmission routes from seed to phyllosphere and root. Environmental Microbiology, 2021, 23, 2199-2214.	3.8	106
44	Genomics of Cold Hardiness in Woody Plants. Critical Reviews in Plant Sciences, 2014, 33, 92-124.	5.7	104
45	Biological control of post-harvest diseases of fruits and vegetables: alternatives to synthetic fungicides. Crop Protection, 1991, 10, 172-177.	2.1	103
46	Improved Control of Apple and Citrus Fruit Decay with a Combination of Candida saitoana and 2-Deoxy-D-Glucose. Plant Disease, 2000, 84, 249-253.	1.4	103
47	Quantitative proteomic analysis of short photoperiod and low-temperature responses in bark tissues of peach (Prunus persica L. Batsch). Tree Genetics and Genomes, 2008, 4, 589-600.	1.6	101
48	Factors affecting UV-induced resistance in grapefruit against the green mould decay caused by Penicillium digitatum. Plant Pathology, 1993, 42, 418-424.	2.4	99
49	Pilot Testing of Pichia guilliermondii: A Biocontrol Agent of Postharvest Diseases of Citrus Fruit. Biological Control, 1993, 3, 47-52.	3.0	98
50	Interrelationships between ultrastructure, sugar levels, and frost hardiness of ray parenchyma cells during frost acclimation and deacclimation in poplar (Populus Ã— canadensis Moench â€¹robustaâ€º) Wood. Journal of Plant Physiology, 1996, 149, 451-461.	3.5	98
51	An Overview of Cold Hardiness in Woody Plants: Seeing the Forest Through the Trees. Hortscience: A Publication of the American Society for Hortcultural Science, 2003, 38, 952-959.	1.0	98
52	Seasonal patterns of dehydrins and 70-kDa heat-shock proteins in bark tissues of eight species of woody plants. Physiologia Plantarum, 1996, 96, 496-505.	5.2	95
53	Evaluation of yeasts obtained from Antarctic soil samples as biocontrol agents for the management of postharvest diseases of apple (<i>Malus</i>ÂÃ—Â<i>domestica</i>). FEMS Yeast Research, 2013, 13, 189-199.	2.3	95
54	Characterization of biocontrol activity of two yeast strains from Uruguay against blue mold of apple. Postharvest Biology and Technology, 2002, 26, 91-98.	6.0	94

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55	Glycine betaine improves oxidative stress tolerance and biocontrol efficacy of the antagonistic yeast Cystofilobasidium infirmominiatum. International Journal of Food Microbiology, 2011, 146, 76-83.	4.7	93
56	Differential regulation of two dehydrin genes from peach (Prunus persica) by photoperiod, low temperature and water deficit. Tree Physiology, 2006, 26, 575-584.	3.1	92
57	Comprehensive Transcriptome Profiling Reveals Long Noncoding RNA Expression and Alternative Splicing Regulation during Fruit Development and Ripening in Kiwifruit (Actinidia chinensis). Frontiers in Plant Science, 2016, 7, 335.	3.6	89
58	Effect of heat treatment on inhibition of Monilinia fructicola and induction of disease resistance in peach fruit. Postharvest Biology and Technology, 2012, 65, 61-68.	6.0	87
59	Volatile organic compounds produced by Antarctic strains of Candida sake play a role in the control of postharvest pathogens of apples. Biological Control, 2017, 109, 14-20.	3.0	85
60	De-novo assembly and characterization of the transcriptome of Metschnikowia fructicola reveals differences in gene expression following interaction with Penicillium digitatumand grapefruit peel. BMC Genomics, 2013, 14, 168.	2.8	79
61	Global changes in gene expression of grapefruit peel tissue in response to the yeast biocontrol agent <i>Metschnikowia fructicola</i>. Molecular Plant Pathology, 2012, 13, 338-349.	4.2	78
62	Seasonal patterns of dehydrins and 70-kDa heat-shock proteins in bark tissues of eight species of woody plants. Physiologia Plantarum, 1996, 96, 496-505.	5.2	77
63	Increase in antioxidant gene transcripts, stress tolerance and biocontrol efficacy of Candida oleophila following sublethal oxidative stress exposure. FEMS Microbiology Ecology, 2012, 80, 578-590.	2.7	76
64	Metagenomic Analysis of Fungal Diversity on Strawberry Plants and the Effect of Management Practices on the Fungal Community Structure of Aerial Organs. PLoS ONE, 2016, 11, e0160470.	2.5	76
65	The use of infrared thermal imaging in the study of ice nucleation and freezing of plants. Journal of Thermal Biology, 1998, 23, 81-89.	2.5	75
66	Characteristics and transferability of new apple EST-derived SSRs to other Rosaceae species. Molecular Breeding, 2009, 23, 397-411.	2.1	73
67	Effect of heat shock treatment on stress tolerance and biocontrol efficacy of Metschnikowia fructicola. FEMS Microbiology Ecology, 2011, 76, 145-155.	2.7	72
68	Expression of an insect (Dendroides canadensis) antifreeze protein in Arabidopsis thaliana results in a decrease in plant freezing temperature. Plant Molecular Biology, 2002, 50, 333-344.	3.9	64
69	Global analysis of the apple fruit microbiome: are all apples the same?. Environmental Microbiology, 2021, 23, 6038-6055.	3.8	64
70	Expressed sequence tag analysis of the response of apple (<i>Malus</i> x <i>domestica</i>â€˜Royal Galaâ€™) to low temperature and water deficit. Physiologia Plantarum, 2008, 133, 298-317.	5.2	61
71	Biological control of postharvest diseases: a promising alternative to the use of synthetic fungicides. Phytoparasitica, 1992, 20, S149-S153.	1.2	59
72	Rapid transcriptional response of apple to fire blight disease revealed by cDNA suppression subtractive hybridization analysis. Tree Genetics and Genomes, 2009, 5, 27-40.	1.6	59

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73	Global Analysis of Genes Regulated by Low Temperature and Photoperiod in Peach Bark. Journal of the American Society for Horticultural Science, 2006, 131, 551-563.	1.0	59
74	Characterization of inhibition of <i>Rhizopus stolonifer</i> germination and growth by <i>Enterobacter cloacae</i>. Canadian Journal of Botany, 1989, 67, 2317-2323.	1.1	58
75	Ecofriendly hot water treatment reduces postharvest decay and elicits defense response in kiwifruit. Environmental Science and Pollution Research, 2015, 22, 15037-15045.	5.3	58
76	Genome Sequence, Assembly and Characterization of Two Metschnikowia fructicola Strains Used as Biocontrol Agents of Postharvest Diseases. Frontiers in Microbiology, 2018, 9, 593.	3.5	58
77	Cold Hardiness in Trees: A Mini-Review. Frontiers in Plant Science, 2018, 9, 1394.	3.6	56
78	Comparative expression and transcript initiation of three peach dehydrin genes. Planta, 2009, 230, 107-118.	3.2	55
79	Metagenomics Approaches for the Detection and Surveillance of Emerging and Recurrent Plant Pathogens. Microorganisms, 2021, 9, 188.	3.6	55
80	Effect of Washing, Waxing and Low-Temperature Storage on the Postharvest Microbiome of Apple. Microorganisms, 2020, 8, 944.	3.6	54
81	Transgenic tomato (Lycopersicon esculentum) overexpressing cAPX exhibits enhanced tolerance to UV-B and heat stress. Journal of Applied Horticulture, 2006, 08, 87-90.	0.2	54
82	<i>Aureobasidium pullulans</i>as a biocontrol agent of postharvest pathogens of apples in Uruguay. Biocontrol Science and Technology, 2009, 19, 1033-1049.	1.3	51
83	A Comparison of Seasonal Ultrastructural Changes in Stem Tissues of Peach (Prunus persica) that Exhibit Contrasting Mechanisms of Cold Hardiness. Botanical Gazette, 1986, 147, 407-417.	0.6	50
84	Compositional shifts in the strawberry fruit microbiome in response to near-harvest application of Metschnikowia fructicola, a yeast biocontrol agent. Postharvest Biology and Technology, 2021, 175, 111469.	6.0	50
85	Ice Nucleation and Propagation in Cranberry Uprights and Fruit Using Infrared Video Thermography. Journal of the American Society for Horticultural Science, 1999, 124, 619-625.	1.0	50
86	Use of a Hydrophobic Particle Film as a Barrier to Extrinsic Ice Nucleation in Tomato Plants. Journal of the American Society for Horticultural Science, 2002, 127, 358-364.	1.0	49
87	Proteomic analysis of<i>Î²</i>â€aminobutyric acid priming and abscisic acid â€“ induction of drought resistance in crabapple (<i>Malus pumila</i>): effect on general metabolism, the phenylpropanoid pathway and cell wall enzymes. Plant, Cell and Environment, 2009, 32, 1612-1631.	5.7	48
88	Genotyping-by-sequencing markers facilitate the identification of quantitative trait loci controlling resistance to Penicillium expansum in Malus sieversii. PLoS ONE, 2017, 12, e0172949.	2.5	47
89	The formation and distribution of ice within dormant and deacclimated peach flower buds. Plant, Cell and Environment, 1989, 12, 521-528.	5.7	46
90	Identification and characterization of LysM effectors in Penicillium expansum. PLoS ONE, 2017, 12, e0186023.	2.5	46

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91	Immunogold localization of pectins and glycoproteins in tissues of peach with reference to deep supercooling. Trees - Structure and Function, 1995, 9, 253.	1.9	45
92	CBF gene expression in peach leaf and bark tissues is gated by a circadian clock. Tree Physiology, 2013, 33, 866-877.	3.1	45
93	The impact of the postharvest environment on the viability and virulence of decay fungi. Critical Reviews in Food Science and Nutrition, 2018, 58, 1681-1687.	10.3	44
94	Chitosan and oligochitosan enhance ginger (Zingiber officinale Roscoe) resistance to rhizome rot caused by Fusarium oxysporum in storage. Carbohydrate Polymers, 2016, 151, 474-479.	10.2	43
95	Shifts in the Composition of the Microbiota of Stored Wheat Grains in Response to Fumigation. Frontiers in Microbiology, 2019, 10, 1098.	3.5	43
96	Fire Blight Resistance in Wild Accessions of<i>Malus sieversii</i>. Plant Disease, 2017, 101, 1738-1745.	1.4	42
97	Distribution and partial characterization of seasonally expressed proteins in different aged shoots and roots of 'Loring' peach (Prunus persica). Tree Physiology, 2004, 24, 339-345.	3.1	41
98	Transcriptomic Profiling of Apple in Response to Inoculation with a Pathogen (Penicillium expansum) and a Non-pathogen (Penicillium digitatum). Plant Molecular Biology Reporter, 2014, 32, 566-583.	1.8	41
99	Cold Acclimation and Alterations in Dehydrin-like and Bark Storage Proteins in the Leaves of Sibling Deciduous and Evergreen Peach. Journal of the American Society for Horticultural Science, 1996, 121, 915-919.	1.0	41
100	Gene Expression is Highly Regulated in Early Developing Fruit of Apple. Plant Molecular Biology Reporter, 2011, 29, 885-897.	1.8	40
101	Transcriptional profiling of apple fruit in response to heat treatment: Involvement of a defense response during Penicillium expansum infection. Postharvest Biology and Technology, 2015, 101, 37-48.	6.0	40
102	Transcriptomic Response of Resistant (PI613981â€“Malus sieversii) and Susceptible (â€œRoyal Galaâ€) Genotypes of Apple to Blue Mold (Penicillium expansum) Infection. Frontiers in Plant Science, 2017, 8, 1981.	3.6	40
103	Evidence for hostâ€“microbiome coâ€evolution in apple. New Phytologist, 2022, 234, 2088-2100.	7.3	40
104	Biologically-Based Alternatives to Synthetic Fungicides for the Control of Postharvest diseases of Fruit and Vegetables. , 2004, , 511-535.		39
105	The use of antifreeze proteins for frost protection in sensitive crop plants. Environmental and Experimental Botany, 2014, 106, 60-69.	4.2	39
106	An apple rootstock overexpressing a peach CBF gene alters growth and flowering in the scion but does not impact cold hardiness or dormancy. Horticulture Research, 2016, 3, 16006.	6.3	39
107	Occlusion of Water Pores Prevents Guttation in Older Strawberry Leaves. Journal of the American Society for Horticultural Science, 1991, 116, 1122-1125.	1.0	39
108	Ectopic expression of Mn-SOD in Lycopersicon esculentum leads to enhanced tolerance to salt and oxidative stress. Journal of Applied Horticulture, 2007, 09, 3-8.	0.2	39

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109	Mediation of deep supercooling of peach and dogwood by enzymatic modifications in cell-wall structure. Planta, 1991, 184, 254-260.	3.2	38
110	UV-induced resistance to postharvest diseases of citrus fruit. Journal of Photochemistry and Photobiology B: Biology, 1992, 15, 367-371.	3.8	38
111	The potential role of PR-8 gene of apple fruit in the mode of action of the yeast antagonist, Candida oleophila, in postharvest biocontrol of Botrytis cinerea. Postharvest Biology and Technology, 2013, 85, 203-209.	6.0	38
112	The postharvest microbiome: The other half of sustainability. Biological Control, 2019, 137, 104025.	3.0	38
113	Accumulation of a 60-kD Dehydrin Protein in Peach Xylem Tissues and Its Relationship to Cold Acclimation. Hortscience: A Publication of the American Society for Hortcultural Science, 1996, 31, 923-925.	1.0	38
114	The use of lanthanum to characterize cell wall permeability in relation to deep supercooling and extracellular freezing in woody plants. Protoplasma, 1987, 139, 105-116.	2.1	37
115	Effect of Macerase, Oxalic Acid, and EGTA on Deep Supercooling and Pit Membrane Structure of Xylem Parenchyma of Peach. Plant Physiology, 1991, 96, 1354-1359.	4.8	37
116	Characterization of a defensin in bark and fruit tissues of peach and antimicrobial activity of a recombinant defensin in the yeast, Pichia pastoris. Physiologia Plantarum, 2003, 119, 563-572.	5.2	37
117	Evidence for the Involvement of a Specific Cell Wall Layer in Regulation of Deep Supercooling of Xylem Parenchyma. Plant Physiology, 1989, 91, 151-156.	4.8	36
118	High-definition infrared thermography of ice nucleation and propagation in wheat under natural frost conditions and controlled freezing. Planta, 2018, 247, 791-806.	3.2	36
119	Revealing Cues for Fungal Interplay in the Plantâ€"Air Interface in Vineyards. Frontiers in Plant Science, 2019, 10, 922.	3.6	36
120	Mediation of deep supercooling of peach and dogwood by enzymatic modifications in cell-wall structure. Planta, 1991, 184, 254-260.	3.2	34
121	Recent advances and current status of the use of heat treatments in postharvest disease management systems: Is it time to turn up the heat?. Trends in Food Science and Technology, 2016, 51, 34-40.	15.1	33
122	Mechanisms of Frost Survival and Freeze-Damage in Nature. Tree Physiology, 2001, , 89-120.	2.5	33
123	Potential Role of Exoglucanase Genes (WaEXG1 and WaEXG2) in the Biocontrol Activity of Wickerhamomyces anomalus. Microbial Ecology, 2017, 73, 876-884.	2.8	32
124	Pretreatment of the yeast antagonist, Candida oleophila, with glycine betaine increases oxidative stress tolerance in the microenvironment of apple wounds. International Journal of Food Microbiology, 2012, 157, 45-51.	4.7	31
125	Production of hydrogen peroxide and expression of <scp>ROS</scp>â€generating genes in peach flower petals in response to host and nonâ€host fungal pathogens. Plant Pathology, 2013, 62, 820-828.	2.4	31
126	Field evaluation of apple overexpressing a peach CBF gene confirms its effect on cold hardiness, dormancy, and growth. Environmental and Experimental Botany, 2014, 106, 79-86.	4.2	31

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127	Patterns of Ice Formation and Movement in Blackcurrant. Hortscience: A Publication of the American Society for Hortcultural Science, 2001, 36, 1027-1032.	1.0	31
128	Meta-analysis of the effect of overexpression of CBF/DREB family genes on drought stress response. Environmental and Experimental Botany, 2017, 142, 1-14.	4.2	30
129	The effect of under- and overexpressedCoEXG1-encoded exoglucanase secreted byCandida oleophila on the biocontrol ofPenicillium digitatum. Yeast, 2003, 20, 771-780.	1.7	29
130	Comparative Analysis and Functional Annotation of a Large Expressed Sequence Tag Collection of Apple. Plant Genome, 2009, 2, .	2.8	28
131	Genes responding to water deficit in apple (Malusâ€‰Ã—â€‰domestica Borkh.) roots. BMC Plant Biology, 2014, 14, 182.	3.6	28
132	Heat shock improves stress tolerance and biocontrol performance of Rhodotorula mucilaginosa. Biological Control, 2016, 95, 49-56.	3.0	28
133	Identification and Functional Analysis of NLP-Encoding Genes from the Postharvest Pathogen Penicillium expansum. Microorganisms, 2019, 7, 175.	3.6	28
134	Heat-induced oxidative injury contributes to inhibition of Botrytis cinerea spore germination and growth. World Journal of Microbiology and Biotechnology, 2014, 30, 951-957.	3.6	27
135	Identification of Novel Strain-Specific and Environment-Dependent Minor QTLs Linked to Fire Blight Resistance in Apples. Plant Molecular Biology Reporter, 2018, 36, 247-256.	1.8	27
136	Identification of pathogenicity-related genes and the role of a subtilisin-related peptidase S8 (PePRT) in authophagy and virulence of Penicillium expansum on apples. Postharvest Biology and Technology, 2019, 149, 209-220.	6.0	27
137	Tissue-specific Expression of a Dehydrin Gene in One-year-old `Rio Oso Gem' Peach Trees. Journal of the American Society for Horticultural Science, 1997, 122, 784-787.	1.0	27
138	Characterizing the proteome and oxi-proteome of apple in response to a host (Penicillium expansum) and a non-host (Penicillium digitatum) pathogen. Journal of Proteomics, 2015, 114, 136-151.	2.4	26
139	Genome Sequence, Assembly, and Characterization of the Antagonistic Yeast Candida oleophila Used as a Biocontrol Agent Against Post-harvest Diseases. Frontiers in Microbiology, 2020, 11, 295.	3.5	26
140	Quantifying Bud Dormancy: Physiological Approaches. Hortscience: A Publication of the American Society for Hortcultural Science, 1997, 32, 618-623.	1.0	26
141	Antifungal Activity of 2-Deoxy-D-Glucose on Botrytis cinerea, Penicillium expansum, and Rhizopus stolonifer: Ultrastructural and Cytochemical Aspects. Phytopathology, 1997, 87, 772-779.	2.2	24
142	Immunological Identification of Dehydrin-Related Proteins in the Wood of Five Species of Populus and in Salix caprea L.. Journal of Plant Physiology, 1999, 154, 781-788.	3.5	24
143	A transformation system for the biocontrol yeast, Candida oleophila , based on hygromycin B resistance. Current Genetics, 2001, 40, 282-287.	1.7	24
144	Improved biocontrol of fruit decay fungi with Pichia pastoris recombinant strains expressing Psd1 antifungal peptide. Postharvest Biology and Technology, 2008, 47, 218-225.	6.0	24

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145	Yeasts and Bacterial Consortia from Kefir Grains Are Effective Biocontrol Agents of Postharvest Diseases of Fruits. Microorganisms, 2020, 8, 428.	3.6	24
146	Eco-friendly management of postharvest fungal decays in kiwifruit. Critical Reviews in Food Science and Nutrition, 2022, 62, 8307-8318.	10.3	24
147	Characterizing Water Use Efficiency and Water Deficit Responses in Apple (Malus Ã—domestica Borkh.) Tj ETQq1 1 0.784314 rgBT /Ov Hortcultural Science, 2011, 46, 1079-1084.	1.0	24
148	Biological control of postharvest diseases of fruits and vegetables. Applied Mycology and Biotechnology, 2002, , 219-238.	0.3	23
149	The Use of High-resolution Infrared Thermography (HRIT) for the Study of Ice Nucleation and Ice Propagation in Plants. Journal of Visualized Experiments, 2015, , e52703.	0.3	23
150	Influence of vacuum impregnation and pulsed electric field on the freezing temperature and ice propagation rates of spinach leaves. LWT - Food Science and Technology, 2015, 64, 497-502.	5.2	23
151	Biocontrol of Aspergillus flavus in Ensiled Sorghum by Water Kefir Microorganisms. Microorganisms, 2019, 7, 253.	3.6	23
152	Pre- and postharvest measures used to control decay and mycotoxigenic fungi in potato (<i>Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 T	10.3	23
153	Characterization of an S-locus receptor protein kinase-like gene from peach. Tree Physiology, 2005, 25, 403-411.	3.1	22
154	THE ONTOGENY OF THE INFLORESCENCE AND FLOWER OF LIQUIDAMBAR STYRACIFLUA L. (HAMAMELIDACEAE). American Journal of Botany, 1982, 69, 1612-1624.	1.7	21
155	CHANGES IN THE ULTRASTRUCTURE OF XYLEM PARENCHYMA CELLS OF PEACH (PRUNUS PERSICA) AND RED OAK (QUERCUS RUBRA) IN RESPONSE TO A FREEZING STRESS. American Journal of Botany, 1985, 72, 1364-1376.	1.7	21
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157	Identification of differentially expressed genes associated with changes in the morphology of<i>Pichia fermentans</i>on apple and peach fruit. FEMS Yeast Research, 2012, 12, 785-795.	2.3	19
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