

Fumiomi Takeda

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

970
citations

361413
20
h-index

477307
29
g-index

62
all docs

62
docs citations

62
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulase activity and ethylene in ripening strawberry and apple fruits. <i>Scientia Horticulturae</i> , 1990, 42, 269-275.	3.6	118
2	Dark Period Following UV-C Treatment Enhances Killing of <i>Botrytis cinerea</i> Conidia and Controls Gray Mold of Strawberries. <i>Phytopathology</i> , 2016, 106, 386-394.	2.2	53
3	Use of low-dose UV-C irradiation to control powdery mildew caused by <i>Podosphaera aphanis</i> on strawberry plants. <i>Canadian Journal of Plant Pathology</i> , 2016, 38, 430-439.	1.4	46
4	Economic Evaluation of Hydroponics and Other Treatment Options for Phosphorus Removal in Aquaculture Effluent. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2000, 35, 993-999.	1.0	42
5	Measure of mechanical impacts in commercial blueberry packing lines and potential damage to blueberry fruit. <i>Postharvest Biology and Technology</i> , 2015, 110, 103-113.	6.0	40
6	Occlusion of Water Pores Prevents Guttation in Older Strawberry Leaves. <i>Journal of the American Society for Horticultural Science</i> , 1991, 116, 1122-1125.	1.0	39
7	Assessment of the V45 Blueberry Harvester on Rabbiteye Blueberry and Southern Highbush Blueberry Pruned to V-Shaped Canopy. <i>HortTechnology</i> , 2008, 18, 130-138.	0.9	32
8	Quantitative evaluation of a rotary blueberry mechanical harvester using a miniature instrumented sphere. <i>Computers and Electronics in Agriculture</i> , 2012, 88, 25-31.	7.7	31
9	Three-dimensional photogrammetry with deep learning instance segmentation to extract berry fruit harvestability traits. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 171, 297-309.	11.1	31
10	A Method for Increasing Fall Flowering in Short-day 'Carmine' Strawberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 480-481.	1.0	27
11	Red Light Affects Flowering Under Long Days in a Short-day Strawberry Cultivar. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 2245-2247.	1.0	27
12	Cultivar Differences and the Effect of Winter Temperature on Flower Bud Development in Blackberry. <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 495-501.	1.0	27
13	Evaluation of a wetland system designed to meet stringent phosphorus discharge requirements. <i>Water Environment Research</i> , 1996, 68, 836-840.	2.7	26
14	UV-C irradiation as a management tool for <i>Tetranychus urticae</i> on strawberries. <i>Pest Management Science</i> , 2018, 74, 2419-2423.	3.4	25
15	Techniques for Increasing Machine Harvest Efficiency in Highbush Blueberry. <i>HortTechnology</i> , 2013, 23, 430-436.	0.9	25
16	Influence of Daughter Plant Weight and Position on Strawberry Transplant Production and Field Performance in Annual Plasticulture. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 1592-1595.	1.0	24
17	Heat Unit Model for Predicting Bloom Dates in <i>Rubus</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 2000-2004.	1.0	23
18	The effect of nitrogen on stolon and ramet growth in four genotypes of <i>Fragaria chiloensis</i> L.. <i>Scientia Horticulturae</i> , 2001, 88, 97-106.	3.6	22

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19	Blueberry Producers' Attitudes toward Harvest Mechanization for Fresh Market. HortTechnology, 2018, 28, 10-16.	0.9	22
20	Rotating cross-arm trellis technology for blackberry production. Journal of Berry Research, 2013, 3, 25-40.	1.4	20
21	Measurement of mechanical impacts created by rotary, slapper, and sway blueberry mechanical harvesters. Computers and Electronics in Agriculture, 2014, 101, 84-92.	7.7	20
22	Considerations for Machine Harvesting Fresh-market Eastern Thornless Blackberries: Trellis Design, Cane Training Systems, and Mechanical Harvester Developments. HortTechnology, 1999, 9, 16-21.	0.9	16
23	Assessment of Freeze Injury in 'Boskoop Giant' Black Currant Buds. Hortscience: A Publication of the American Society for Horticultural Science, 1993, 28, 652-654.	1.0	15
24	Influence of Plant Storage Duration on Strawberry Runner Tip Viability and Field Performance. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 1596-1600.	1.0	15
25	Supercooling and Extracellular Ice Formation in Differentiating Buds of Eastern Thornless Blackberry. Journal of the American Society for Horticultural Science, 1992, 117, 941-945.	1.0	15
26	Detection of Internally Bruised Blueberries Using Hyperspectral Transmittance Imaging. Transactions of the ASABE, 2017, 60, 1489-1502.	1.1	14
27	Microbial loads on selected fresh blueberry packing lines. Food Control, 2019, 100, 315-320.	5.5	14
28	Variation among Highbush Blueberry Cultivars for Frost Tolerance of Open Flowers. Hortscience: A Publication of the American Society for Horticultural Science, 2013, 48, 692-695.	1.0	12
29	Rowcovers Improve Winter Survival and Production of Western Trailing 'Siskiyou' Blackberry in the Eastern United States. HortTechnology, 2008, 18, 575-582.	0.9	11
30	Patterns of Floral Bud Development in Canes of Erect and Trailing Blackberries. Journal of the American Society for Horticultural Science, 2003, 128, 3-7.	1.0	11
31	Winter Pruning Affects Yield Components of 'Black Satin' Eastern Thornless Blackberry. Hortscience: A Publication of the American Society for Horticultural Science, 2002, 37, 101-103.	1.0	10
32	Pyrrrolnitrin, Captan + Benomyl, and High CO2 Enhance Raspberry Shelf Life at 0 or 18C. Journal of the American Society for Horticultural Science, 1992, 117, 265-270.	1.0	10
33	Effects of Machine-Harvest Interval on Fruit Quality of Fresh Market Northern Highbush Blueberry. Horticulturae, 2021, 7, 245.	2.8	9
34	Primocane Growth in 'Chester Thornless' Blackberry Trained to the Rotatable Cross-arm Trellis. Hortscience: A Publication of the American Society for Horticultural Science, 2003, 38, 373-376.	1.0	9
35	Effects of Runner Tip Size and Plugging Date on Fall Flowering in Short-Day Strawberry (<i>Fragaria ananassa</i> Duch.) Cultivars. International Journal of Fruit Science, 2007, 6, 103-117.	2.4	8
36	Effect of nighttime UV-C irradiation of strawberry plants on phenolic content of fruit: Targeted and non-targeted metabolomic analysis. Journal of Berry Research, 2020, 10, 365-380.	1.4	8

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37	Effects of Cane Number on Yield Components in 'Chester Thornless' Blackberry on the Rotatable Cross-Arm Trellis. Hortscience: A Publication of the American Society for Horticultural Science, 2003, 38, 377-380.	1.0	8
38	Horizontal Cane Orientation and Rowcover Application Improve Winter Survival and Yield of Trailing 'Siskiyou' Blackberry. HortTechnology, 2011, 21, 170-175.	0.9	8
39	Method for Producing Long-cane Blackberry Plants. HortTechnology, 2011, 21, 563-568.	0.9	7
40	Supercooling in Floral Buds of 'Danka' Black and 'Red Lake' Red Currants. Journal of the American Society for Horticultural Science, 1991, 116, 1030-1034.	1.0	7
41	SENSORY EVALUATION OF JAMS MADE FROM THREE EASTERN THORNLESS AND MARION BLACKBERRIES. Journal of Food Quality, 1997, 20, 177-188.	2.6	5
42	Effect of UV-C Irradiation on Greenhouse Whitefly, <i>Trialeurodes vaporariorum</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 542 Td	0.5	5
43	A Winter Protection Method for Blackberries. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 1011D-1011.	1.0	5
44	Lateral Cane Lengths Affect Yield Components in 'Triple Crown' Blackberry on Rotating Cross-Arm Trellis and Cane Training System. International Journal of Fruit Science, 2015, 15, 281-289.	2.4	4
45	Potential of far ultraviolet (UV) 222Ånm light for management of strawberry fungal pathogens. Crop Protection, 2021, 150, 105791.	2.1	4
46	Blackberry Propagation Limitations When Using Floricane Cuttings. HortTechnology, 2019, 29, 276-282.	0.9	4
47	Method to reduce low temperature stress (LTS) in red raspberry (<i>Rubus idaeus</i> L.). Journal of Berry Research, 2015, 5, 219-230.	1.4	3
48	A Rapid Method of Determining Carpel Numbers in Strawberry Flowers. Hortscience: A Publication of the American Society for Horticultural Science, 1990, 25, 230.	1.0	3
49	Blackberry Propagation by Non-leafy Floricane Cuttings. HortTechnology, 2011, 21, 236-239.	0.9	3
50	Weed Control with Hydrophobic and Hydrous Kaolin Clay Particle Mulches. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 714-719.	1.0	2
51	The Nuts and Bolts of High Tunnel Production and Manipulation for Specialized Applications: Introduction to the Workshop. Hortscience: A Publication of the American Society for Horticultural Science, 2009, 44, 230.	1.0	2
52	A Miniature Instrumented Sphere to Understand Impacts Created by Mechanical Blueberry Harvesters. HortTechnology, 2013, 23, 425-429.	0.9	2
53	Introduction to the Workshop. HortTechnology, 2001, 11, 522.	0.9	1
54	674 Horticultural Aspects of Phytochemicals in Small Fruits: Introduction to the Workshop. Hortscience: A Publication of the American Society for Horticultural Science, 2000, 35, 515A-515.	1.0	0

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55	Introduction to the Workshop. HortTechnology, 2005, 15, 68.	0.9	0
56	PHYTONUTRIENT EVALUATION OF STRAWBERRIES FROM FIELD AND GREENHOUSE PRODUCTION ENVIRONMENTS. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 879c-879.	1.0	0
57	FRUIT ROT CONTROL IN SMALL FRUIT CROPS WITH A NATURALLY-PRODUCED CHEMICAL. Hortscience: A Publication of the American Society for Horticultural Science, 1990, 25, 625a-625.	1.0	0
58	Growth Control in Eastern Thornless Blackberry with NAA. Hortscience: A Publication of the American Society for Horticultural Science, 1991, 26, 37-38.	1.0	0
59	STAINING TECHNIQUE TO ASSESS FREEZE INJURY IN OVERWINTERING BUDS OF 'DANKA' BLACK CURRANT. Hortscience: A Publication of the American Society for Horticultural Science, 1992, 27, 654g-654.	1.0	0
60	919 PB 197 YIELD ANALYSIS IN EASTERN THORNLESS BLACKBERRY. Hortscience: A Publication of the American Society for Horticultural Science, 1994, 29, 565g-565.	1.0	0
61	Protected Culture Systems for Strawberry Production. Hortscience: A Publication of the American Society for Horticultural Science, 1998, 33, 459d-459.	1.0	0
62	185 Managing Primocane Growth for Rotatable Cross-arm Trellis. Hortscience: A Publication of the American Society for Horticultural Science, 1999, 34, 474B-474.	1.0	0