

Marc W Van Iersel

List of Publications by Year in descending order

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159
papers

3,409
citations

136950

32
h-index

214800

47
g-index

161
all docs

161
docs citations

161
times ranked

2690
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of Association of Salmonellae with Tomato Plants Grown Hydroponically in Inoculated Nutrient Solution. <i>Applied and Environmental Microbiology</i> , 2002, 68, 3639-3643.	3.1	172
2	Far-red light is needed for efficient photochemistry and photosynthesis. <i>Journal of Plant Physiology</i> , 2017, 209, 115-122.	3.5	163
3	An automated system for controlling drought stress and irrigation in potted plants. <i>Scientia Horticulturae</i> , 2006, 110, 292-297.	3.6	108
4	In Vitro Fungicidal Activity of Acidic Electrolyzed Oxidizing Water. <i>Plant Disease</i> , 2002, 86, 278-281.	1.4	75
5	Carbon use efficiency depends on growth respiration, maintenance respiration, and relative growth rate. A case study with lettuce. <i>Plant, Cell and Environment</i> , 2003, 26, 1441-1449.	5.7	75
6	Photosynthetic Physiology of Blue, Green, and Red Light: Light Intensity Effects and Underlying Mechanisms. <i>Frontiers in Plant Science</i> , 2021, 12, 619987.	3.6	68
7	Sensors for Improved Efficiency of Irrigation in Greenhouse and Nursery Production. <i>HortTechnology</i> , 2013, 23, 735-746.	0.9	65
8	Sensor-based irrigation management of soilless basil using a new smart irrigation system: Effects of set-point on plant physiological responses and crop performance. <i>Agricultural Water Management</i> , 2018, 203, 20-29.	5.6	64
9	Calibration and performance of moisture sensors in soilless substrates: ECH2O and Theta probes. <i>Scientia Horticulturae</i> , 2007, 112, 227-234.	3.6	63
10	Morphology and Irrigation Efficiency of <i>Gaura lindheimeri</i> Grown with Capacitance Sensor-controlled Irrigation. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 1555-1560.	1.0	63
11	Night-time transpiration can decrease hydraulic redistribution. <i>Plant, Cell and Environment</i> , 2009, 32, 1060-1070.	5.7	62
12	Nutrient Solution Concentration Affects Shoot: Root Ratio, Leaf Area Ratio, and Growth of Subirrigated <i>Salvia</i> (<i>Salvia splendens</i>). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 49-54.	1.0	55
13	Implementation of Wireless Sensor Networks for Irrigation Control in Three Container Nurseries. <i>HortTechnology</i> , 2013, 23, 747-753.	0.9	54
14	Photosynthesis and water use by two <i>Sedum</i> species in green roof substrate. <i>Environmental and Experimental Botany</i> , 2014, 107, 105-112.	4.2	53
15	Far-red light enhances photochemical efficiency in a wavelength-dependent manner. <i>Physiologia Plantarum</i> , 2019, 167, 21-33.	5.2	53
16	Advancing Wireless Sensor Networks for Irrigation Management of Ornamental Crops: An Overview. <i>HortTechnology</i> , 2013, 23, 717-724.	0.9	53
17	Leaf ontogeny strongly influences photosynthetic tolerance to drought and high temperature in <i>Gossypium hirsutum</i> . <i>Journal of Plant Physiology</i> , 2016, 199, 18-28.	3.5	51
18	Evaluation of acidic electrolyzed water for phytotoxic symptoms on foliage and flowers of bedding plants. <i>Crop Protection</i> , 2003, 22, 73-77.	2.1	50

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19	Temperature Effects on the Development, Survival, and Reproduction of the Madeira Mealybug, <i>Phenacoccus madeirensis</i> Green (Hemiptera: Pseudococcidae), on Chrysanthemum. <i>Annals of the Entomological Society of America</i> , 2003, 96, 539-543.	2.5	47
20	Root Restriction Effects on Growth and Development of <i>Salvia</i> (<i>Salvia splendens</i>). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1997, 32, 1186-1190.	1.0	47
21	Photosynthesis of Blueberry Leaves as Affected by <i>Septoria</i> Leaf Spot and Abiotic Leaf Damage. <i>Plant Disease</i> , 2004, 88, 397-401.	1.4	44
22	An Automated System for Monitoring Soil Moisture and Controlling Irrigation Using Low-cost Open-source Microcontrollers. <i>HortTechnology</i> , 2015, 25, 110-118.	0.9	42
23	An Adaptive Control Approach for Light-emitting Diode Lights Can Reduce the Energy Costs of Supplemental Lighting in Greenhouses. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 72-77.	1.0	39
24	Drought Stress Can Produce Small but not Compact Marigolds. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 1298-1301.	1.0	39
25	Subirrigation: Historical Overview, Challenges, and Future Prospects. <i>HortTechnology</i> , 2015, 25, 262-276.	0.9	38
26	Physiological and molecular responses to drought in <i>Petunia</i> : the importance of stress severity. <i>Journal of Experimental Botany</i> , 2012, 63, 6335-6345.	4.8	37
27	Why Far-Red Photons Should Be Included in the Definition of Photosynthetic Photons and the Measurement of Horticultural Fixture Efficacy. <i>Frontiers in Plant Science</i> , 2021, 12, 693445.	3.6	37
28	Supplemental Far-Red Light Stimulates Lettuce Growth: Disentangling Morphological and Physiological Effects. <i>Plants</i> , 2021, 10, 166.	3.5	37
29	Increasing Growth of Lettuce and Mizuna under Sole-Source LED Lighting Using Longer Photoperiods with the Same Daily Light Integral. <i>Agronomy</i> , 2020, 10, 1659.	3.0	36
30	Fertilizer Concentration Affects Growth and Nutrient Composition of Subirrigated Pansies. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1999, 34, 660-663.	1.0	34
31	Fertilizer Concentration Affects Growth and Flowering of Subirrigated <i>Petunias</i> and <i>Begonias</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2001, 36, 40-44.	1.0	34
32	Longer Photoperiods with Adaptive Lighting Control Can Improve Growth of Greenhouse-grown 'Little Gem' Lettuce (<i>Lactuca sativa</i>). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 573-580.	1.0	34
33	Drought Stress Reduces Stem Elongation and Alters Gibberellin-related Gene Expression during Vegetative Growth of Tomato. <i>Journal of the American Society for Horticultural Science</i> , 2016, 141, 591-597.	1.0	33
34	In Situ Probes for Measurement of Electrical Conductivity of Soilless Substrates: Effects of Temperature and Substrate Moisture Content. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 210-214.	1.0	33
35	Southern Highbush Blueberry Production in High Tunnels: Temperatures, Development, Yield, and Fruit Quality During the Establishment Years. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 1850-1856.	1.0	33
36	Growth and Water Use of <i>Petunia</i> as Affected by Substrate Water Content and Daily Light Integral. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2010, 45, 277-282.	1.0	33

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37	Sodium Chloride Effects on Growth, Morphology, and Physiology of Chrysanthemum (<i>Chrysanthemum morifolium</i>). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 1888-1891.	1.0	30
38	Evaluation of Electrolyzed Oxidizing Water for Management of Powdery Mildew on Gerbera Daisy. <i>Plant Disease</i> , 2003, 87, 965-969.	1.4	28
39	Phytotoxic Effects of Benzimidazole Fungicides on Bedding Plants. <i>Journal of the American Society for Horticultural Science</i> , 1996, 121, 1095-1102.	1.0	28
40	Growth Respiration, Maintenance Respiration, and Carbon Fixation of Vinca: A Time Series Analysis. <i>Journal of the American Society for Horticultural Science</i> , 2000, 125, 702-706.	1.0	28
41	Imidacloprid Applications by Subirrigation for Control of Silverleaf Whitefly (Homoptera: Tj ETQq1 1 0.784314 rgBT /Overlock_10 Tf 50	1.8	25
42	Abscisic acid drenches can reduce water use and extend shelf life of <i>Salvia splendens</i> . <i>Scientia Horticulturae</i> , 2011, 127, 420-423.	3.6	24
43	Estimating Daily Water Use of Two <i>Petunia</i> Cultivars Based on Plant and Environmental Factors. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 1287-1293.	1.0	24
44	Quantification of Carbon Assimilation of Plants in Simulated and In Situ Interiorscapes. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 468-476.	1.0	24
45	Water Use and Growth of <i>Hibiscus acetosella</i> "Panama Red"™ Grown with a Soil Moisture Sensor-controlled Irrigation System. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 980-987.	1.0	24
46	NUTRIENT SOLUTION CONCENTRATION AFFECTS GROWTH OF SUBIRRIGATED BEDDING PLANTS. <i>Journal of Plant Nutrition</i> , 2002, 25, 387-403.	1.9	23
47	Slowly developing drought stress increases photosynthetic acclimation of <i>Catharanthus roseus</i> . <i>Physiologia Plantarum</i> , 2011, 143, 166-177.	5.2	23
48	Photochemical Acclimation of Three Contrasting Species to Different Light Levels: Implications for Optimizing Supplemental Lighting. <i>Journal of the American Society for Horticultural Science</i> , 2017, 142, 346-354.	1.0	23
49	A photochemistry-based method for optimising greenhouse supplemental light intensity. <i>Biosystems Engineering</i> , 2019, 182, 123-137.	4.3	23
50	Longer Photoperiods with the Same Daily Light Integral Increase Daily Electron Transport through Photosystem II in Lettuce. <i>Plants</i> , 2020, 9, 1172.	3.5	23
51	Ebb and Flow Production of <i>Petunias</i> and <i>Begonias</i> as Affected by Fertilizers with Different Phosphorus Content. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2001, 36, 282-285.	1.0	23
52	Longer Photoperiods with the Same Daily Light Integral Improve Growth of <i>Rudbeckia</i> Seedlings in a Greenhouse. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 1676-1682.	1.0	23
53	Short-term Temperature Change Affects the Carbon Exchange Characteristics and Growth of Four Bedding Plant Species. <i>Journal of the American Society for Horticultural Science</i> , 2003, 128, 100-106.	1.0	23
54	Calcium Can Prevent Toxic Effects of Na ⁺ on Tomato Leaf Photosynthesis but Does Not Restore Growth. <i>Journal of the American Society for Horticultural Science</i> , 2007, 132, 310-318.	1.0	23

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55	Influence of Substrate Water Content and Daily Light Integral on Photosynthesis, Water Use Efficiency, and Morphology of <i>Heuchera americana</i> . <i>Journal of the American Society for Horticultural Science</i> , 2012, 137, 57-67.	1.0	23
56	Temperature response of whole-plant CO ₂ exchange rates of four upland cotton cultivars differing in leaf shape and leaf pubescence. <i>Communications in Soil Science and Plant Analysis</i> , 2001, 32, 2485-2501.	1.4	22
57	Timer versus moisture sensor-based irrigation control of soilless lettuce: Effects on yield, quality and water use efficiency. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2016, 43, 67-75.	0.9	22
58	Effect of Soilless Potting Media and Water Management on Development of Fungus Gnats (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf Science, 2002, 37, 919-923.	1.0	22
59	Nutrient Solution Concentration Affects Whole-plant CO ₂ Exchange and Growth of Subirrigated Pansy. <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 423-429.	1.0	22
60	Controlled Drought Affects Morphology and Anatomy of <i>Salvia splendens</i> . <i>Journal of the American Society for Horticultural Science</i> , 2005, 130, 775-781.	1.0	22
61	Monitoring and Controlling Ebb-and-flow Subirrigation with Soil Moisture Sensors. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 447-453.	1.0	21
62	Photochemical Characterization of Greenhouse-grown Lettuce (<i>Lactuca sativa</i> L. "Green Towers"™) with Applications for Supplemental Lighting Control. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 317-322.	1.0	21
63	Growth and Photosynthetic Response of Tomato to Nutrient Solution Concentration at Two Light Levels. <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 984-990.	1.0	21
64	INTERACTIONS BETWEEN TEMPERATURE AND FERTILIZER CONCENTRATION AFFECT GROWTH OF SUBIRRIGATED PETUNIAS. <i>Journal of Plant Nutrition</i> , 2001, 24, 753-765.	1.9	20
65	Light Intensity and Fertilizer Concentration: I. Estimating Optimal Fertilizer Concentrations from Water-use Efficiency of Wax Begonia. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 1287-1292.	1.0	20
66	Simulation of greenhouse energy use: an application of energy informatics. <i>Energy Informatics</i> , 2018, 1, .	2.3	20
67	Fertilizer Concentration and Irrigation Method Affect Growth and Fruiting of Ornamental Pepper. <i>Journal of Plant Nutrition</i> , 2004, 27, 867-884.	1.9	19
68	A Calibrated Time Domain Transmissometry Soil Moisture Sensor Can Be Used for Precise Automated Irrigation of Container-grown Plants. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 889-894.	1.0	19
69	Acclimation of Wax Begonia to Light Intensity: Changes in Photosynthesis, Respiration, and Chlorophyll Concentration. <i>Journal of the American Society for Horticultural Science</i> , 2004, 129, 745-751.	1.0	19
70	A Chlorophyll Fluorescence-based Biofeedback System to Control Photosynthetic Lighting in Controlled Environment Agriculture. <i>Journal of the American Society for Horticultural Science</i> , 2016, 141, 169-176.	1.0	19
71	Plant root growth affects FDR soil moisture sensor calibration. <i>Scientia Horticulturae</i> , 2019, 252, 208-211.	3.6	18
72	Only Extreme Fluctuations in Light Levels Reduce Lettuce Growth Under Sole Source Lighting. <i>Frontiers in Plant Science</i> , 2021, 12, 619973.	3.6	17

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73	Light Effects on Wax Begonia: Photosynthesis, Growth Respiration, Maintenance Respiration, and Carbon Use Efficiency. <i>Journal of the American Society for Horticultural Science</i> , 2004, 129, 416-424.	1.0	17
74	Physiological Responses to Different Substrate Water Contents: Screening for High Water-use Efficiency in Bedding Plants. <i>Journal of the American Society for Horticultural Science</i> , 2008, 133, 333-340.	1.0	17
75	Effects of elevated temperature and [CO ₂] on photosynthesis, leaf respiration, and biomass accumulation of <i>Pinus taeda</i> seedlings at a cool and a warm site within the species' current range. <i>Canadian Journal of Forest Research</i> , 2012, 42, 943-957.	1.7	16
76	Soiless Substrate Hydrology Can Be Engineered to Influence Plant Water Status for an Ornamental Containerized Crop Grown within Optimal Water Potentials. <i>Journal of the American Society for Horticultural Science</i> , 2018, 143, 268-281.	1.0	16
77	Canopy Size and Light Use Efficiency Explain Growth Differences between Lettuce and Mizuna in Vertical Farms. <i>Plants</i> , 2021, 10, 704.	3.5	16
78	Optimal lighting control in greenhouse by incorporating sunlight prediction. <i>Computers and Electronics in Agriculture</i> , 2021, 188, 106300.	7.7	15
79	Optimizing LED Lighting in Controlled Environment Agriculture. , 2017, , 59-80.		15
80	Morphological response of eucalypts seedlings to phosphorus supply through hydroponic system. <i>Scientia Horticulturae</i> , 2015, 194, 295-303.	3.6	14
81	Fertilizer Effects on the Growth of Impatiens, Petunia, Salvia, and Vinca Plug Seedlings. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1998, 33, 678-682.	1.0	13
82	Controlled Water Deficit as an Alternative to Plant Growth Retardants for Regulation of Poinsettia Stem Elongation. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 565-569.	1.0	13
83	Foliar Methanol Applications to Cotton in the Southeastern United States: Leaf Physiology, Growth, and Yield Components. <i>Agronomy Journal</i> , 1995, 87, 1157-1160.	1.8	12
84	Application Technique and Irrigation Method Affect Imidacloprid Control of Silverleaf Whiteflies (Homoptera: Aleyrodidae) on Poinsettias. <i>Journal of Economic Entomology</i> , 2001, 94, 666-672.	1.8	12
85	Subirrigation automated by capacitance sensors for salvia production. <i>Horticultura Brasileira</i> , 2014, 32, 314-320.	0.5	12
86	Light Intensity and Fertilizer Concentration: II. Optimal Fertilizer Solution Concentration for Species Differing in Light Requirement and Growth Rate. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 1293-1297.	1.0	12
87	Photosynthetic Irradiance and Nutrition Effects on Growth of English Ivy in Subirrigation Systems. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1740-1745.	1.0	12
88	Drought effects on the water relations of cotton fruits, bracts, and leaves during ontogeny. <i>Environmental and Experimental Botany</i> , 1996, 36, 51-59.	4.2	11
89	Whole-plant gas exchange, not individual-leaf measurements, accurately assesses azalea response to insecticides. <i>Crop Protection</i> , 2000, 19, 407-415.	2.1	11
90	Effect of Flower Bud Removal on Carbon Dioxide Exchange Rates of Cotton. <i>Communications in Soil Science and Plant Analysis</i> , 2003, 34, 1611-1621.	1.4	11

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91	Respiratory Q10 of marigold (<i>Tagetes patula</i>) in response to long-term temperature differences and its relationship to growth and maintenance respiration. <i>Physiologia Plantarum</i> , 2006, 128, 289-301.	5.2	11
92	Determining the Effects of Abscisic Acid Drenches on Evapotranspiration and Leaf Gas Exchange of Tomato. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 1512-1517.	1.0	11
93	Optimizing Irrigation and Fertilization of <i>Gardenia jasminoides</i> for Good Growth and Minimal Leaching. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 994-1001.	1.0	11
94	Dibutylurea Reduces Photosynthesis, Growth, and Flowering of <i>Petunia</i> and <i>Impatiens</i> . <i>Journal of the American Society for Horticultural Science</i> , 1997, 122, 536-541.	1.0	11
95	Auxin Applications Affect Posttransplant CO ₂ Exchange Rate and Growth of Bare-rooted <i>Vinca</i> [<i>Catharanthus roseus</i> (L.) G. Don] Seedlings. <i>Journal of the American Society for Horticultural Science</i> , 1999, 124, 234-238.	1.0	11
96	Whole-plant gas exchange measurements of mycorrhizal "Iceberg"™ roses exposed to cyclic drought. <i>Crop Protection</i> , 2005, 24, 309-317.	2.1	10
97	Low-Cost Chlorophyll Fluorescence Imaging for Stress Detection. <i>Sensors</i> , 2021, 21, 2055.	3.8	10
98	Application of the "4R" Nutrient Stewardship Concept to Horticultural Crops: Applying Nutrients at the "Right Time". <i>HortTechnology</i> , 2011, 21, 667-673.	0.9	10
99	Temperature Response of Whole-plant CO ₂ Exchange Rates of Three <i>Magnolia</i> Cultivars. <i>Journal of the American Society for Horticultural Science</i> , 1999, 124, 277-282.	1.0	10
100	Whole-plant Carbon Dioxide Exchange Responses of <i>Angelonia angustifolia</i> to Temperature and Irradiance. <i>Journal of the American Society for Horticultural Science</i> , 2001, 126, 606-610.	1.0	10
101	Physiological Effects of <i>Meloidogyne incognita</i> Infection on Cotton Genotypes with Differing Levels of Resistance in the Greenhouse. <i>Journal of Nematology</i> , 2014, 46, 352-9.	0.9	10
102	Nitrogen, phosphorus, and potassium effects on pre- and post-transplant growth of <i>salvia</i> and <i>vinca</i> seedlings. <i>Journal of Plant Nutrition</i> , 1999, 22, 1403-1413.	1.9	9
103	Auxins Affect Posttransplant Shoot and Root Growth of <i>Vinca</i> Seedlings. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1998, 33, 1210-1214.	1.0	9
104	Exogenous Abscisic Acid Application Effects on Stomatal Closure, Water Use, and Shelf Life of <i>Hydrangea</i> (<i>Hydrangea macrophylla</i>). <i>Journal of Environmental Horticulture</i> , 2009, 27, 234-238.	0.5	9
105	Supplemental Far-red Light-emitting Diode Light Increases Growth of Foxglove Seedlings Under Sole-source Lighting. <i>HortTechnology</i> , 2020, 30, 564-569.	0.9	9
106	Development and Implementation of an IoT-Enabled Optimal and Predictive Lighting Control Strategy in Greenhouses. <i>Plants</i> , 2021, 10, 2652.	3.5	9
107	Diurnal water relations of expanding and full-sized cotton fruits and subtending leaves. <i>Plant, Cell and Environment</i> , 1995, 18, 807-812.	5.7	8
108	Effects of three herbicides on whole-plant carbon fixation and water use by yellow nutsedge (<i>Cyperus esculentus</i>). <i>Weed Science</i> , 2004, 52, 213-216.	1.5	8

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109	Nutrition Affects Pre- and Posttransplant Growth of Impatiens and Petunia Plugs. Hortscience: A Publication of the American Society for Horticultural Science, 1998, 33, 1014-1018.	1.0	8
110	Postproduction Leaching Affects the Growing Medium and Respiration of Subirrigated Poinsettias. Hortscience: A Publication of the American Society for Horticultural Science, 2000, 35, 250-253.	1.0	8
111	Automated Irrigation Control for Improved Growth and Quality of Gardenia jasminoides 'Radicans'™ and 'August Beauty'™. Hortscience: A Publication of the American Society for Horticultural Science, 2015, 50, 78-84.	1.0	8
112	Morphological and Physiological Screening to Predict Lettuce Biomass Production in Controlled Environment Agriculture. Remote Sensing, 2022, 14, 316.	4.0	8
113	Managing Fertilization of Bedding Plants: A Comparison of Constant Fertilizer Concentrations versus Constant Leachate Electrical Conductivity. Hortscience: A Publication of the American Society for Horticultural Science, 2009, 44, 151-156.	1.0	7
114	Effects of Substrate Water Content on Morphology and Physiology of Rosemary, Canadian Columbine, and Cheddar Pink. Hortscience: A Publication of the American Society for Horticultural Science, 2014, 49, 486-492.	1.0	7
115	Water Use of Hydrangea macrophylla and Gardenia jasminoides in Response to a Gradually Drying Substrate. Hortscience: A Publication of the American Society for Horticultural Science, 2014, 49, 493-498.	1.0	7
116	Antitranspirational Efficacy and Longevity of Abscisic Acid and a Synthetic Abscisic Acid Analog in Pansies (Viola Wittrockiana). Hortscience: A Publication of the American Society for Horticultural Science, 2014, 49, 779-784.	1.0	7
117	Use of Controlled Water Deficit to Regulate Poinsettia Stem Elongation. Hortscience: A Publication of the American Society for Horticultural Science, 2015, 50, 234-239.	1.0	7
118	Increased Organic Matter in the Growing Medium Decreases Benlate DF Phytotoxicity. Plant Disease, 1997, 81, 743-748.	1.4	6
119	Plant Growth and Physiological Responses to Improved Irrigation and Fertilization Management for Young Peach Trees in the Southeastern United States. Hortscience: A Publication of the American Society for Horticultural Science, 2021, 56, 336-346.	1.0	6
120	Concentrated Exogenous Abscisic Acid Drenches Reduce Root Hydraulic Conductance and Cause Wilting in Tomato. Hortscience: A Publication of the American Society for Horticultural Science, 2011, 46, 1640-1645.	1.0	6
121	Implementation of Soil Moisture Sensor Based Automated Irrigation in Woody Ornamental Production. Journal of Environmental Horticulture, 2020, 38, 1-7.	0.5	6
122	Calibration of a video image analysis system for measurement of stem length, leaf area, and percent ground coverage. Communications in Soil Science and Plant Analysis, 1998, 29, 1071-1081.	1.4	5
123	Elongation of Hibiscus acetosella Under Well-watered and Drought-stressed Conditions. Hortscience: A Publication of the American Society for Horticultural Science, 2016, 51, 1384-1388.	1.0	5
124	Postgermination Drenches with PEG-8000 Reduce Growth of Salvia and Marigolds. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 675-679.	1.0	5
125	Medium-incorporated PEG-8000 Reduces Elongation, Growth, and Whole-canopy Carbon Dioxide Exchange of Marigold. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 124-130.	1.0	5
126	Morphology and Postharvest Performance of Geogenanthus undatus C. Koch & Linden 'Inca'™ after Application of Ancymidol or Flurprimidol. Hortscience: A Publication of the American Society for Horticultural Science, 2007, 42, 544-549.	1.0	5

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127	Modeling Daily Water Use of <i>Hydrangea macrophylla</i> and <i>Gardenia jasminoides</i> as Affected by Environmental Conditions. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 1040-1046.	1.0	5
128	Nitrogen Partitioning in Young 'Julyprince' Peach Trees Grown with Different Irrigation and Fertilization Practices in the Southeastern United States. <i>Agronomy</i> , 2021, 11, 350.	3.0	4
129	Implementation of Sensor-based Automated Irrigation in Commercial Floriculture Production: A Case Study. <i>HortTechnology</i> , 2018, 28, 719-727.	0.9	4
130	Plant growth response of subirrigated salvia 'Vista Red' to increasing water levels at two substrates. <i>Horticultura Brasileira</i> , 2016, 34, 202-209.	0.5	3
131	Substrate Water Content and Fertilizer Rate Affect Growth and Flowering of Potted Petunia. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 582-589.	1.0	3
132	Tactile Conditioning Increases Water Use by Tomato. <i>Journal of the American Society for Horticultural Science</i> , 1997, 122, 285-289.	1.0	3
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