

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	Morphological and Physiological Screening to Predict Lettuce Biomass Production in Controlled Environment Agriculture. <i>Remote Sensing</i> , 2022, 14, 316.	4.0	8
2	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
3	Low-Cost Chlorophyll Fluorescence Imaging for Stress Detection. <i>Sensors</i> , 2021, 21, 2055.	3.8	10
4	Plant Growth and Physiological Responses to Improved Irrigation and Fertilization Management for Young Peach Trees in the Southeastern United States. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2021, 56, 336-346.	1.0	6
5	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
6	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
7	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
8	Optimal lighting control in greenhouse by incorporating sunlight prediction. <i>Computers and Electronics in Agriculture</i> , 2021, 188, 106300.	7.7	15
9	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
10	Supplemental Far-Red Light Stimulates Lettuce Growth: Disentangling Morphological and Physiological Effects. <i>Plants</i> , 2021, 10, 166.	3.5	37
11	Development and Implementation of an IoT-Enabled Optimal and Predictive Lighting Control Strategy in Greenhouses. <i>Plants</i> , 2021, 10, 2652.	3.5	9
12	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
13	Blue Light Does Not Affect Fruit Quality or Disease Development on Ripe Blueberry Fruit During Postharvest Cold Storage. <i>Horticulturae</i> , 2020, 6, 59.	2.8	2
14	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
15	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
16	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
17	Implementation of Soil Moisture Sensor Based Automated Irrigation in Woody Ornamental Production. <i>Journal of Environmental Horticulture</i> , 2020, 38, 1-7.	0.5	6
18	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

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19	A photochemistry-based method for optimising greenhouse supplemental light intensity. <i>Biosystems Engineering</i> , 2019, 182, 123-137.	4.3	23
20	Plant root growth affects FDR soil moisture sensor calibration. <i>Scientia Horticulturae</i> , 2019, 252, 208-211.	3.6	18
21	Far-red light enhances photochemical efficiency in a wavelength-dependent manner. <i>Physiologia Plantarum</i> , 2019, 167, 21-33.	5.2	53
22	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
23	Relating Whole-plant Photosynthesis to Physiological Acclimations at Leaf and Cellular Scales under Drought Stress in Bedding Plants. <i>Journal of the American Society for Horticultural Science</i> , 2019, 144, 201-208.	1.0	1
24	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
25	Simulation of greenhouse energy use: an application of energy informatics. <i>Energy Informatics</i> , 2018, 1, .	2.3	20
26	Soilless 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
27	Implementation of Sensor-based Automated Irrigation in Commercial Floriculture Production: A Case Study. <i>HortTechnology</i> , 2018, 28, 719-727.	0.9	4
28	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
29	Far-red light is needed for efficient photochemistry and photosynthesis. <i>Journal of Plant Physiology</i> , 2017, 209, 115-122.	3.5	163
30	Ice Cube Irrigation of Potted Phalaenopsis Orchids in Bark Media Does Not Decrease Display Life. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 1271-1277.	1.0	1
31	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
32	Impact of Substrate Volumetric Water on <i>Pythium aphanidermatum</i> Infection in <i>Petunia</i> × <i>A. hybrida</i> : A Case Study on the Use of Automated Irrigation in Phytopathology Studies. <i>Plant Health Progress</i> , 2017, 18, 120-125.	1.4	2
33	Optimizing LED Lighting in Controlled Environment Agriculture. , 2017, , 59-80.		15
34	Timer versus moisture sensor-based irrigation control of soilless lettuce: Effects on yield, quality and water use efficiency. <i>Zahradnictvi (Prague, Czech Republic)</i> : 1992, 2016, 43, 67-75.	0.9	22
35	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
36	Elongation of <i>Hibiscus acetosella</i> Under Well-watered and Drought-stressed Conditions. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2016, 51, 1384-1388.	1.0	5

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37	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
38	Increased Fertilizer Levels Do Not Prevent Abscisic Acid-Induced Chlorosis in Pansy. <i>HortTechnology</i> , 2016, 26, 647-650.	0.9	0
39	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
40	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
41	Morphological response of eucalypts seedlings to phosphorus supply through hydroponic system. <i>Scientia Horticulturae</i> , 2015, 194, 295-303.	3.6	14
42	Automated Irrigation Control for Improved Growth and Quality of <i>Gardenia jasminoides</i> 'Radicans'™ and 'August Beauty'™. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 78-84.	1.0	8
43	Use of Controlled Water Deficit to Regulate Poinsettia Stem Elongation. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 234-239.	1.0	7
44	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
45	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
46	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
47	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
48	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
49	Subirrigation: Historical Overview, Challenges, and Future Prospects. <i>HortTechnology</i> , 2015, 25, 262-276.	0.9	38
50	Uso da subirrigação para imposição de estresse hídrico em sistema semi-contínuo para medição de CO ₂ . <i>Ornamental Horticulture</i> , 2015, 21, 235.	1.0	1
51	Subirrigation automated by capacitance sensors for salvia production. <i>Horticultura Brasileira</i> , 2014, 32, 314-320.	0.5	12
52	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
53	Effects of Substrate Water Content on Morphology and Physiology of Rosemary, Canadian Columbine, and Cheddar Pink. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014, 49, 486-492.	1.0	7
54	Water Use of <i>Hydrangea macrophylla</i> and <i>Gardenia jasminoides</i> in Response to a Gradually Drying Substrate. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014, 49, 493-498.	1.0	7

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55	Antitranspirational Efficacy and Longevity of Abscisic Acid and a Synthetic Abscisic Acid Analog in Pansies (<i>Viola Wittrockiana</i>). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014, 49, 779-784.	1.0	7
56	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
57	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
58	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
59	Advancing Wireless Sensor Networks for Irrigation Management of Ornamental Crops: An Overview. <i>HortTechnology</i> , 2013, 23, 717-724.	0.9	53
60	Sensors for Improved Efficiency of Irrigation in Greenhouse and Nursery Production. <i>HortTechnology</i> , 2013, 23, 735-746.	0.9	65
61	Implementation of Wireless Sensor Networks for Irrigation Control in Three Container Nurseries. <i>HortTechnology</i> , 2013, 23, 747-753.	0.9	54
62	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
63	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
64	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
65	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
66	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
67	Monitoring Substrate Water Content in Nurseries: More Efficient Irrigation and Reducing Leaching and Runoff. , 2011, , .		1
68	Slowly developing drought stress increases photosynthetic acclimation of <i>Catharanthus roseus</i> . <i>Physiologia Plantarum</i> , 2011, 143, 166-177.	5.2	23
69	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
70	Concentrated Exogenous Abscisic Acid Drenches Reduce Root Hydraulic Conductance and Cause Wilting in Tomato. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 1640-1645.	1.0	6
71	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
72	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

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73	Application of the "Nutrient Stewardship Concept to Horticultural Crops: Applying Nutrients at the Right Time", HortTechnology, 2011, 21, 667-673.	0.9	10
74	Remote Sensing of Soil Moisture with RF Polarimetry. , 2011, , .		1
75	Growth and Water Use of Petunia as Affected by Substrate Water Content and Daily Light Integral. Hortscience: A Publication of the American Society for Horticultural Science, 2010, 45, 277-282.	1.0	33
76	Night-time transpiration can decrease hydraulic redistribution. Plant, Cell and Environment, 2009, 32, 1060-1070.	5.7	62
77	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
78	Southern Highbush Blueberry Production in High Tunnels: Temperatures, Development, Yield, and Fruit Quality During the Establishment Years. Hortscience: A Publication of the American Society for Horticultural Science, 2009, 44, 1850-1856.	1.0	33
79	Exogenous Abscisic Acid Application Effects on Stomatal Closure, Water Use, and Shelf Life of Hydrangea (Hydrangea macrophylla). Journal of Environmental Horticulture, 2009, 27, 234-238.	0.5	9
80	Nutrient Solution Concentrations of Na ₂ SeO ₄ Affect the Accumulation of Sulfate and Selenate in Brassica oleracea L.. Hortscience: A Publication of the American Society for Horticultural Science, 2008, 43, 913-918.	1.0	2
81	Morphology and Irrigation Efficiency of Gaura lindheimeri Grown with Capacitance Sensor-controlled Irrigation. Hortscience: A Publication of the American Society for Horticultural Science, 2008, 43, 1555-1560.	1.0	63
82	Sodium Chloride Effects on Growth, Morphology, and Physiology of Chrysanthemum (Chrysanthemum morifolium). Hortscience: A Publication of the American Society for Horticultural Science, 2008, 43, 1888-1891.	1.0	30
83	Physiological Responses to Different Substrate Water Contents: Screening for High Water-use Efficiency in Bedding Plants. Journal of the American Society for Horticultural Science, 2008, 133, 333-340.	1.0	17
84	Calibration and performance of moisture sensors in soilless substrates: ECH ₂ O and Theta probes. Scientia Horticulturae, 2007, 112, 227-234.	3.6	63
85	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
86	Calcium Can Prevent Toxic Effects of Na ⁺ on Tomato Leaf Photosynthesis but Does Not Restore Growth. Journal of the American Society for Horticultural Science, 2007, 132, 310-318.	1.0	23
87	An automated system for controlling drought stress and irrigation in potted plants. Scientia Horticulturae, 2006, 110, 292-297.	3.6	108
88	Respiratory Q ₁₀ of marigold (Tagetes patula) in response to long-term temperature differences and its relationship to growth and maintenance respiration. Physiologia Plantarum, 2006, 128, 289-301.	5.2	11
89	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
90	In Situ Probes for Measurement of Electrical Conductivity of Soilless Substrates: Effects of Temperature and Substrate Moisture Content. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 210-214.	1.0	33

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91	NaCl Stress in Hydroponic Tomatoes Can Be Alleviated by Calcium. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 999C-999.	1.0	0
92	Whole-plant gas exchange measurements of mycorrhizal "Iceberg"™ roses exposed to cyclic drought. Crop Protection, 2005, 24, 309-317.	2.1	10
93	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
94	Whole-plant Photosynthesis of Containerized Hydrangeas and Abelias as Affected by Substrate Moisture Content. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1111D-1111.	1.0	1
95	Photosynthetic Irradiance and Nutrition Effects on Growth of English Ivy in Subirrigation Systems. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1740-1745.	1.0	12
96	PEG-8000 Alters Morphology and Nutrient Concentration of Hydroponic Impatiens. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1768-1772.	1.0	2
97	Controlled Drought Affects Morphology and Anatomy of Salvia splendens. Journal of the American Society for Horticultural Science, 2005, 130, 775-781.	1.0	22
98	(295) Measuring and Reporting Growing Conditions in Controlled Environments. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1009B-1009.	1.0	0
99	Water Requirements and Drought Tolerance of Bedding Plants. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1115D-1115.	1.0	2
100	In Situ Probes for Direct Measurement of Substrate Soluble Salts: Effects of Substrate Moisture Content and Fertilizer Concentration. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1095E-1096.	1.0	0
101	(354) A Novel Automated System for Irrigation and Simulating Drought Stress in Potted Plants. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1017D-1017.	1.0	0
102	Light Intensity and Fertilizer Concentration: I. Estimating Optimal Fertilizer Concentrations from Water-use Efficiency of Wax Begonia. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 1287-1292.	1.0	20
103	Effects of three herbicides on whole-plant carbon fixation and water use by yellow nutsedge (Cyperus esculentus). Weed Science, 2004, 52, 213-216.	1.5	8
104	Fertilizer Concentration and Irrigation Method Affect Growth and Fruiting of Ornamental Pepper. Journal of Plant Nutrition, 2004, 27, 867-884.	1.9	19
105	Photosynthesis of Blueberry Leaves as Affected by Septoria Leaf Spot and Abiotic Leaf Damage. Plant Disease, 2004, 88, 397-401.	1.4	44
106	Nutrient Solution Concentration Affects Shoot: Root Ratio, Leaf Area Ratio, and Growth of Subirrigated Salvia (Salvia splendens). Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 49-54.	1.0	55
107	Light Intensity and Fertilizer Concentration: II. Optimal Fertilizer Solution Concentration for Species Differing in Light Requirement and Growth Rate. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 1293-1297.	1.0	12
108	Drought Stress Can Produce Small but not Compact Marigolds. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 1298-1301.	1.0	39

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109	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
110	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
111	Photosynthesis, Respiration, and Water Relations of Vinca and Salvia Subjected to Moisture Stress. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 896B-896.	1.0	0
112	Two New Moisture Sensors for Soilless Growing Media. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 763A-763.	1.0	0
113	Respiratory Q10 of Lettuce Increases with Increasing Plant Size. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 854D-855.	1.0	0
114	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
115	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
116	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
117	Evaluation of Electrolyzed Oxidizing Water for Management of Powdery Mildew on Gerbera Daisy. <i>Plant Disease</i> , 2003, 87, 965-969.	1.4	28
118	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
119	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
120	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
121	NUTRIENT SOLUTION CONCENTRATION AFFECTS GROWTH OF SUBIRRIGATED BEDDING PLANTS. <i>Journal of Plant Nutrition</i> , 2002, 25, 387-403.	1.9	23
122	In Vitro Fungicidal Activity of Acidic Electrolyzed Oxidizing Water. <i>Plant Disease</i> , 2002, 86, 278-281.	1.4	75
123	Effect of Soilless Potting Media and Water Management on Development of Fungus Gnats (Diptera: Tj ETQq1 1 0.784314 rgBT /Ovedo Science, 2002, 37, 919-923.	1.0	22
124	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
125	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
126	INTERACTIONS BETWEEN TEMPERATURE AND FERTILIZER CONCENTRATION AFFECT GROWTH OF SUBIRRIGATED PETUNIAS. <i>Journal of Plant Nutrition</i> , 2001, 24, 753-765.	1.9	20

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127	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
128	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
129	Fertilizer Concentration Affects Growth and Flowering of Subirrigated Petunias and Begonias. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2001, 36, 40-44.	1.0	34
130	Ebb and Flow Production of Petunias and Begonias 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
131	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
132	Imidacloprid Applications by Subirrigation for Control of Silverleaf Whitefly (Homoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,542 Td (1.8	25
133	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
134	Postproduction Leaching Affects the Growing Medium and Respiration of Subirrigated Poinsettias. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2000, 35, 250-253.	1.0	8
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