

John M Ruter

List of Publications by Year in descending order

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100
papers

695
citations

623734

14
h-index

677142

22
g-index

100
all docs

100
docs citations

100
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of Wireless Sensor Networks for Irrigation Control in Three Container Nurseries. HortTechnology, 2013, 23, 747-753.	0.9	54
2	Methods of Auxin Application in Cutting Propagation: A Review of 70 Years of Scientific Discovery and Commercial Practice. Journal of Environmental Horticulture, 2007, 25, 166-185.	0.5	52
3	¹⁴ C-labeled Photosynthate Partitioning in <i>Ilex crenata</i> 'Rotundifolia' at Supraoptimal Root-zone Temperatures. Journal of the American Society for Horticultural Science, 1990, 115, 1008-1013.	1.0	34
4	High Root-zone Temperatures Influence RuBisCO Activity and Pigment Accumulation in Leaves of 'Rotundifolia' Holly. Journal of the American Society for Horticultural Science, 1992, 117, 154-157.	1.0	33
5	Cutting propagation of foliage crops using a foliar application of auxin. Scientia Horticulturae, 2004, 103, 31-37.	3.6	25
6	Water Use and Growth of <i>Hibiscus acetosella</i> 'Panama Red'™ Grown with a Soil Moisture Sensor-controlled Irrigation System. Hortscience: A Publication of the American Society for Horticultural Science, 2013, 48, 980-987.	1.0	24
7	Development and Evaluation of Diploid and Polyploid <i>Hibiscus moscheutos</i> . Hortscience: A Publication of the American Society for Horticultural Science, 2017, 52, 676-681.	1.0	23
8	Influence of source, rate, and method of applying controlled release fertilizer on nutrient release and growth of 'Savannah' holly. Fertilizer Research, 1992, 32, 101-106.	0.5	20
9	Review: Characterization and Impact of Supraoptimal Root-zone Temperatures in Container-grown Plants. Hortscience: A Publication of the American Society for Horticultural Science, 2015, 50, 530-539.	1.0	20
10	Growth and Landscape Performance of Three Landscape Plants Produced in Conventional and Pot-In-Pot Production Systems. Journal of Environmental Horticulture, 1993, 11, 124-127.	0.5	18
11	Effect of Nickel Applications for the Control of Mouse Ear Disorder on River Birch. Journal of Environmental Horticulture, 2005, 23, 17-20.	0.5	18
12	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. Canadian Journal of Forest Research, 2012, 42, 943-957.	1.7	16
13	Photosynthetic Responses of Container-grown <i>Illicium L.</i> Taxa to Sun and Shade. Journal of the American Society for Horticultural Science, 2002, 127, 919-924.	1.0	16
14	An Oryzalin-induced Autoallooctoploid of <i>Hibiscus acetosella</i> 'Panama Red'™. Journal of the American Society for Horticultural Science, 2009, 134, 553-559.	1.0	16
15	Element absorption and hydration potential of polyacrylamide gels. Communications in Soil Science and Plant Analysis, 1993, 24, 539-548.	1.4	15
16	Growth and Landscape Establishment of <i>Pyracantha</i> and <i>Juniperus</i> after Application of Paclobutrazol. Hortscience: A Publication of the American Society for Horticultural Science, 1994, 29, 1318-1320.	1.0	13
17	Growth Responses of Four Vigorous-rooted Tree Species in Cupric Hydroxide-treated Containers. Hortscience: A Publication of the American Society for Horticultural Science, 1994, 29, 1089.	1.0	13
18	Foliar Heat Tolerance of Three Holly Species (<i>Ilex</i> spp.): Responses of Chlorophyll Fluorescence and Leaf Gas Exchange to Supraoptimal Leaf Temperatures. Journal of the American Society for Horticultural Science, 1997, 122, 499-503.	1.0	13

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19	Paclobutrazol Application Method Influences Growth and Flowering of 'New Gold' Lantana. HortTechnology, 1996, 6, 19-20.	0.9	12
20	Optimizing Irrigation and Fertilization of Gardenia jasminoides for Good Growth and Minimal Leaching. Hortscience: A Publication of the American Society for Horticultural Science, 2015, 50, 994-1001.	1.0	11
21	A Nursery and Greenhouse Online Knowledge Center: Learning Opportunities for Sustainable Practice. HortTechnology, 2010, 20, 509-517.	0.9	11
22	Reducing the Pollution Potential of Pesticides and Fertilizers in the Environmental Horticulture Industry: I. Greenhouse, Nursery, and Sod Production. HortTechnology, 1996, 6, 115-124.	0.9	11
23	Preference of Twolined Spittlebug for Ilex Species, Hybrids and Cultivars. Journal of Environmental Horticulture, 1997, 15, 211-214.	0.5	11
24	Germination and Morphology of Sophora secundiflora Seeds Following Scarification. Hortscience: A Publication of the American Society for Horticultural Science, 1991, 26, 256-257.	1.0	10
25	Survey of Container Nursery Irrigation Practices in Georgia. HortTechnology, 2002, 12, 727-731.	0.9	10
26	Pot-In-Pot Production and Cyclic Irrigation Influence Growth and Irrigation Efficiency of 'Okame'™ Cherries. Journal of Environmental Horticulture, 1998, 16, 159-162.	0.5	10
27	Effect of glutamine and arginine on growth of Hibiscus moscheutos 'in vitro'. Ornamental Horticulture, 2018, 24, 393-399.	1.0	9
28	Susceptibility of Ilex Species, Hybrids and Cultivars to Florida Wax Scale (Ceroplastes floridensis) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3	0.5	9
29	Foliar Heat Tolerance of Two Hybrid Hollies. Hortscience: A Publication of the American Society for Horticultural Science, 1993, 28, 650-652.	1.0	8
30	High-temperature-induced Electrolyte Leakage from Excised Leaves and Roots of Three Hollies. Hortscience: A Publication of the American Society for Horticultural Science, 1993, 28, 927-928.	1.0	8
31	High-temperature Tolerance of Heritage River Birch Roots Decreased by Pot-In-Pot Production Systems. Hortscience: A Publication of the American Society for Horticultural Science, 1996, 31, 813-814.	1.0	8
32	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
33	Root membrane thermostability of red maple cultivars. Journal of Thermal Biology, 1999, 24, 79-89.	2.5	7
34	Oryzalin-induced Tetraploidy in Cryptomeria japonica (Cupressaceae). Hortscience: A Publication of the American Society for Horticultural Science, 2010, 45, 316-319.	1.0	7
35	Fertilizer Management by Landscape Maintenance and Lawn Care Firms in Atlanta. HortTechnology, 1997, 7, 442-445.	0.9	7
36	Growth and Flowering Response of Butterfly-bush to Paclobutrazol Formulation and Rate of Application. Hortscience: A Publication of the American Society for Horticultural Science, 1992, 27, 929.	1.0	6

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37	Bark Anthocyanin Levels Differ with Location in Cultivars of Red Maple. Hortscience: A Publication of the American Society for Horticultural Science, 1999, 34, 137-139.	1.0	6
38	Rooting of Rose Cuttings in Response to Foliar Applications of Auxin and Surfactant. HortTechnology, 2004, 14, 479-483.	0.9	6
39	Root Respiratory Characteristics of 'Rotundifolia' Holly under Supraoptimal Temperatures. Journal of the American Society for Horticultural Science, 1991, 116, 560-564.	1.0	6
40	Effects of Contrasting Climate and Paclobutrazol on the Growth and Water Use of Two Container-Grown Landscape Plants. Journal of Environmental Horticulture, 1994, 12, 27-32.	0.5	6
41	Fertilizer Rate and Pot-In-Pot Production Increase Growth of Heritage River Birch. Journal of Environmental Horticulture, 1998, 16, 135-138.	0.5	6
42	Foliar Application of Auxin for Rooting Stem Cuttings of Selected Ornamental Crops. Journal of Environmental Horticulture, 2003, 21, 131-136.	0.5	6
43	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
44	'Princess' and 'Prince' Napiergrass. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 494-495.	1.0	5
45	Auxin Application to Stem Cuttings of Selected Woody Landscape Plants by Incorporation Into a Stabilized Organic Rooting Substrate. Journal of Environmental Horticulture, 2004, 22, 63-70.	0.5	5
46	Genome Size Estimates and Chromosome Numbers of Callicarpa L. (Lamiaceae). Hortscience: A Publication of the American Society for Horticultural Science, 2011, 46, 567-570.	1.0	4
47	Herbicide Combinations for Control of Prostrate Spurge in Container-Grown Landscape Plant. Journal of Environmental Horticulture, 1992, 10, 19-22.	0.5	4
48	Sulfuric acid scarification of Callicarpa americana L. (Lamiaceae) seeds improves germination. Native Plants Journal, 2009, 10, 283-286.	0.2	4
49	Leachate Nutrient Content and Growth of Two Hollies As Influenced by Controlled Release Fertilizers. Journal of Environmental Horticulture, 1992, 10, 162-166.	0.5	4
50	Alterations in Leaf Morphology of Two Landscape Shrubs in Response to Disparate Climate and Paclobutrazol. Hortscience: A Publication of the American Society for Horticultural Science, 1994, 29, 1321-1325.	1.0	3
51	Interspecific and Intergeneric Hybridization in Dissotis and Tibouchina. Hortscience: A Publication of the American Society for Horticultural Science, 2016, 51, 325-329.	1.0	3
52	Reducing the Pollution Potential of Pesticides and Fertilizers in the Environmental Horticulture Industry: II. Lawn Care and Landscape Management. HortTechnology, 1996, 6, 222-232.	0.9	3
53	Growth and Foliar Nutrient Concentrations of Crape Myrtle in Response to Disparate Climate and Fertilizer Placement in Large Nursery Containers. Journal of Environmental Horticulture, 1996, 14, 9-12.	0.5	3
54	Differences in Growth of Container-Grown Red Maple Cultivars in Different Hardiness Zones. Journal of Environmental Horticulture, 1998, 16, 130-134.	0.5	3

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55	Spray and Drench Treatments of Paclobutrazol Influence Growth of Dissotis and Tibouchina. Hortscience: A Publication of the American Society for Horticultural Science, 2015, 50, 1514-1517.	1.0	3
56	60Co Irradiation Influences Germination and Phenotype of Three Pavonia Species. Hortscience: A Publication of the American Society for Horticultural Science, 2020, 55, 2037-2044.	1.0	3
57	DNA Content Estimation in the Genus Salvia. Journal of the American Society for Horticultural Science, 2022, 147, 123-134.	1.0	3
58	Pavonia Ã—rufula (Malvaceae): An Interspecific Hybrid between Pavonia lasiopetala and Pavonia missionum. Hortscience: A Publication of the American Society for Horticultural Science, 2021, 56, 732-735.	1.0	2
59	Pot-in-pot Production and Cyclic Irrigation Influences Growth and Evapotranspiration of 'Okame' Cherry. Hortscience: A Publication of the American Society for Horticultural Science, 1997, 32, 546B-546.	1.0	2
60	Evaluation of Control Strategies for Reducing Rooting-Out Problems in Pot-In-Pot Production Systems. Journal of Environmental Horticulture, 1994, 12, 51-54.	0.5	2
61	Inducing Sterility in Carolina Laurel Cherry Using Gamma Irradiation. HortTechnology, 2019, 29, 535-538.	0.9	2
62	Monitoring Substrate Water Content in Nurseries: More Efficient Irrigation and Reducing Leaching and Runoff. , 2011, , .		1
63	Inheritance of foliage color of common rosemallow (Hibiscus moscheutos (L.)) subspecific hybrids. , 2019, 60, 3.		1
64	Rate of Fertilizer Application and Pot-in-Pot Production Increase Growth of Heritage River Birch. Hortscience: A Publication of the American Society for Horticultural Science, 1998, 33, 515d-515.	1.0	1
65	Mouse Ear Disorder on River Birch Caused by Nickel Deficiency. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 892A-892.	1.0	1
66	(54) Response of Betulanigra 'BNMTF' to Foliar and Drench Applications of Nickel. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 996B-996.	1.0	1
67	Chlorophyll, Carotenoid, and Visual Color Rating of Japanese-cedar Grown in the Southeastern United States. Hortscience: A Publication of the American Society for Horticultural Science, 2013, 48, 1452-1456.	1.0	1
68	Container Design Influences Physical Parameters of Different Media. HortTechnology, 1991, 1, 76-78.	0.9	1
69	Influence of Container Design and Pottinf Media on Growth and Root Circling of 'Tifblue' and 'Brightwell' Rabbiteye Blueberries. International Journal of Fruit Science, 1993, 1, 27-34.	0.2	1
70	Growth and Flowering of Three Garden Chrysanthemum Cultivars Produced in Plastic or Copper-Impregnated Fiber Containers. Journal of Environmental Horticulture, 1996, 14, 191-193.	0.5	1
71	Multiple Location Differences in Growth of Red Maple 'October Glory'. HortTechnology, 1997, 7, 258-260.	0.9	1
72	â€Rutcamâ€™ Hot Lipsâ€™ Trumpet Vine. Hortscience: A Publication of the American Society for Horticultural Science, 2017, 52, 194-195.	1.0	0

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73	Interspecific and Intergeneric Hybridization in Baptisia and Thermopsis. Hortscience: A Publication of the American Society for Horticultural Science, 2017, 52, 1177-1181.	1.0	0
74	Liquidambar formosana ‘Formosan Gold’™. Hortscience: A Publication of the American Society for Horticultural Science, 2018, 53, 1520-1522.	1.0	0
75	Performance of Red Maple Selections in Southern Georgia. HortTechnology, 2000, 10, 621-625.	0.9	0
76	148 Seasonal Cold Hardiness Estimations of Male and Female Specimens of Two Holly Species. Hortscience: A Publication of the American Society for Horticultural Science, 2000, 35, 415B-415.	1.0	0
77	224 Influence of Early Harvest PGR on the Growth of Five Ornamental Species. Hortscience: A Publication of the American Society for Horticultural Science, 2000, 35, 429E-429.	1.0	0
78	Pine Pole and Post Peelings Have Potential as Blueberry Growing Media and Soil Amendment. Hortscience: A Publication of the American Society for Horticultural Science, 2000, 35, 562D-562c.	1.0	0
79	CUTTING PROPAGATION WITH AUXIN APPLIED VIA THE ROOTING SUBSTRATE. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 884d-884.	1.0	0
80	Effect of Fall Fertilization on Freeze Hardiness of Deciduous versus Evergreen Azaleas. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1126B-1126.	1.0	0
81	CONTROLLING LITTLE-LEAF DISORDER ON LOROPETALUM CHINESE VAR. RUBRUM WITH FOLIAR APPLICATIONS OF COPPER. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 501D-501.	1.0	0
82	Manipulating Light Intensity and Fall Fertilization to Influence Photosynthesis and Freeze Resistance of Azaleas. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 977A-977.	1.0	0
83	Effects of Fall Fertilization on Freeze Resistance, Flowering, and Growth of ‘Hinodegiri’™ Azalea. Journal of Environmental Horticulture, 2008, 26, 135-138.	0.5	0
84	Effect of Fall Fertilization on Freeze Resistance of Deciduous Versus Evergreen Azaleas. Journal of Environmental Horticulture, 2010, 28, 235-239.	0.5	0
85	Influences of Shading and Fall Fertilization on Fluorescence, Freeze Resistance, Flower Production and Growth of Rhododendron ‘Kurume Pink Pearl’™. Journal of Environmental Horticulture, 2012, 30, 28-34.	0.5	0
86	THE INFLUENCE OF SUPRAOPTIMAL ROOT-ZONE TEMPERATURES ON 14C PHOTOSYNTHATE PARTITIONING IN ILEX CRENATA THUNB. ‘ROTUNDIFOLIA’. Hortscience: A Publication of the American Society for Horticultural Science, 1990, 25, 864b-864.	1.0	0
87	EFFECT OF SUPRAOPTIMAL TEMPERATURES ON ROOT RESPIRATORY CHARACTERISTICS OF ‘ROTUNDIFOLIA’ HOLLY. Hortscience: A Publication of the American Society for Horticultural Science, 1990, 25, 1143c-1143.	1.0	0
88	INFLUENCE OF SUPRAOPTIMAL ROOT-ZONE TEMPERATURES ON RUBISCO ACTIVITY, CHLOROPHYLL AND CAROTENOID LEVELS IN ‘ROTUNDIFOLIA’ HOLLY. Hortscience: A Publication of the American Society for Horticultural Science, 1991, 26, 771C-771.	1.0	0
89	DIFFERENTIAL HYDRATION AND ELEMENTAL ABSORPTION OF TWO POLYACRYLAMIDE GELS. Hortscience: A Publication of the American Society for Horticultural Science, 1992, 27, 670b-670.	1.0	0
90	EFFECT OF PACLOBUTRAZOL FORMULATION ON THE GROWTH AND FLOWERING OF BUDDLEIA DAVIDII ‘DUBONNET’. Hortscience: A Publication of the American Society for Horticultural Science, 1992, 27, 1174e-1174.	1.0	0

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91	354 REDUCING ROOTING-OUT PROBLEMS IN POT-IN-POT PRODUCTION SYSTEMS. Hortscience: A Publication of the American Society for Horticultural Science, 1994, 29, 481d-481.	1.0	0
92	Production System and Copper Hydroxide Influences on Growth and Photosynthesis of Magnolia grandiflora 'St. Mary'. Hortscience: A Publication of the American Society for Horticultural Science, 1995, 30, 795A-795.	1.0	0
93	Growth of Coreopsis and Plumbago in Plastic and Cu(OH) ₂ -Impregnated Fiber Containers. HortTechnology, 1995, 5, 300-302.	0.9	0
94	Growth and Flowering of Garden Chrysanthemums Produced in Plastic or Copper-impregnated Fiber Containers. Hortscience: A Publication of the American Society for Horticultural Science, 1996, 31, 606c-606.	1.0	0
95	Evaluation of Heat and Flood Tolerance among Diverse Taxa of Hollies (Ilex). Hortscience: A Publication of the American Society for Horticultural Science, 1996, 31, 600d-600.	1.0	0
96	121 Fertilizer Formulation, Placement, and Tex-R Geodiscs Influence the Growth of 'Compacta' Holly. Hortscience: A Publication of the American Society for Horticultural Science, 1999, 34, 462D-462.	1.0	0
97	Growth Periodicity for Container-Grown Red and Freeman Maple Cultivars in AHS Heat-Zone 8. Journal of Environmental Horticulture, 1999, 17, 141-146.	0.5	0
98	Flower, Fruit, and Petiole Color of American Beautyberry (Callicarpa americana L.) Are Controlled by a Single Gene with Three Alleles. Hortscience: A Publication of the American Society for Horticultural Science, 2014, 49, 422-424.	1.0	0
99	'RutRaph1'™ Southern Moon® Indian Hawthorn. Hortscience: A Publication of the American Society for Horticultural Science, 2018, 53, 1230-1231.	1.0	0
100	Substrate Drench Applications of Flurprimidol and Paclobutrazol Influence Growth of Swamp Sunflower. HortTechnology, 2019, 29, 821-829.	0.9	0