

Sarah A White

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

810
citations

623574

14
h-index

526166

27
g-index

49
all docs

49
docs citations

49
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	Floating treatment wetland aided remediation of nitrogen and phosphorus from simulated stormwater runoff. <i>Ecological Engineering</i> , 2013, 61, 207-215.	1.6	123
2	Interactions of gold nanoparticles with freshwater aquatic macrophytes are size and species dependent. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 194-201.	2.2	67
3	Short- and long-term dynamics of nutrient removal in floating treatment wetlands. <i>Water Research</i> , 2019, 159, 153-163.	5.3	59
4	Water Use and Treatment in Container-Grown Specialty Crop Production: A Review. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 151.	1.1	44
5	Nutrient Management of Nursery Runoff Water using Constructed Wetland Systems. <i>HortTechnology</i> , 2006, 16, 610-614.	0.5	44
6	Aeration and plant coverage influence floating treatment wetland remediation efficacy. <i>Ecological Engineering</i> , 2018, 122, 62-68.	1.6	43
7	Floating treatment wetland aided nutrient removal from agricultural runoff using two wetland species. <i>Ecological Engineering</i> , 2019, 127, 468-479.	1.6	42
8	The Next Ten Years: Strategic Vision of Water Resources for Nursery Producers. <i>HortTechnology</i> , 2016, 26, 121-132.	0.5	39
9	Phosphorus retention in lab and field-scale subsurface-flow wetlands treating plant nursery runoff. <i>Ecological Engineering</i> , 2011, 37, 1968-1976.	1.6	37
10	Assessing nitrogen and phosphorus removal potential of five plant species in floating treatment wetlands receiving simulated nursery runoff. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5751-5768.	2.7	34
11	Stakeholder Vision of Future Direction and Strategies for Southeastern U.S. Nursery Pest Research and Extension Programming. <i>Journal of Integrated Pest Management</i> , 2012, 3, 1-8.	0.9	31
12	Wetland Technologies for Nursery and Greenhouse Compliance with Nutrient Regulations. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 1103-1108.	0.5	27
13	Assessing the integrated pest management practices of southeastern US ornamental nursery operations. <i>Pest Management Science</i> , 2012, 68, 1278-1288.	1.7	17
14	A cost analysis for using recycled irrigation runoff water in container nursery production: a Southern California nursery case study. <i>Irrigation Science</i> , 2018, 36, 217-226.	1.3	15
15	Comparative Nutrient Remediation by Monoculture and Mixed Species Plantings within Floating Treatment Wetlands. <i>Environmental Science & Technology</i> , 2020, 54, 8710-8718.	4.6	15
16	Remediation of Nitrogen and Phosphorus from Nursery Runoff during the Spring via Free Water Surface Constructed Wetlands. <i>Journal of Environmental Horticulture</i> , 2010, 28, 209-217.	0.3	15
17	Design and Season Influence Nitrogen Dynamics in Two Surface Flow Constructed Wetlands Treating Nursery Irrigation Runoff. <i>Water (Switzerland)</i> , 2018, 10, 8.	1.2	14
18	Dolomite and Micronutrient Fertilizer Affect Phosphorus Fate in Pine Bark Substrate used for Containerized Nursery Crop Production. <i>Soil Science Society of America Journal</i> , 2019, 83, 1410-1420.	1.2	12

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19	Identifying Opportunities to Promote Water Conservation Practices among Nursery and Greenhouse Growers. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 958-962.	0.5	11
20	Greenhouse and Nursery Water Management Characterization and Research Priorities in the USA. <i>Water (Switzerland)</i> , 2019, 11, 2338.	1.2	11
21	Plant Nutrient Uptake in Full-Scale Floating Treatment Wetlands in a Florida Stormwater Pond: 2016–2020. <i>Water (Switzerland)</i> , 2021, 13, 569.	1.2	10
22	Diffusing Water Conservation and Treatment Technologies to Nursery and Greenhouse Growers. <i>Journal of International Agricultural and Extension Education</i> , 2017, 24, 105-119.	0.2	10
23	Floral Colonization of a Free-Water Surface Constructed Wetland System in Grady County, Georgia. <i>Castanea</i> , 2012, 77, 159-171.	0.2	8
24	Removal of Plant Pathogen Propagules from Irrigation Runoff using Slow Filtration Systems: Quantifying Physical and Biological Components. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	8
25	Enhancing Extension Programs by Discussion Water Conservation Technology Adoption with Growers. <i>Journal of Agricultural Education</i> , 2017, 58, 251-266.	0.1	8
26	Data on floating treatment wetland aided nutrient removal from agricultural runoff using two wetland species. <i>Data in Brief</i> , 2019, 22, 756-761.	0.5	6
27	Social and Economic Aspects of Water Use in Specialty Crop Production in the USA: A Review. <i>Water (Switzerland)</i> , 2019, 11, 2337.	1.2	6
28	Fertilizer Concentration Affects Growth Response and Leaf Color of <i>Tradescantia virginiana</i> L.. <i>Journal of Plant Nutrition</i> , 2005, 28, 1767-1783.	0.9	5
29	In Situ Production of Zoospores by Five Species of <i>Phytophthora</i> in Aqueous Environments for Use as Inocula. <i>Plant Disease</i> , 2014, 98, 551-558.	0.7	5
30	Removal and reuse of phosphorus from plant nursery irrigation return water with reclaimed iron oxides. <i>Ecological Engineering</i> , 2021, 160, 106153.	1.6	5
31	Runoff pH Influences Nutrient Removal Efficacy of Floating Treatment Wetland Systems. <i>HortTechnology</i> , 2019, 29, 756-768.	0.5	5
32	Regulating Water Quality: Current Legislation, Future Impacts: Introduction to the Colloquium. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 1095-1096.	0.5	4
33	Identifying Opportunities to Promote Water Treatment Practices among Nursery and Greenhouse Growers. <i>HortTechnology</i> , 2019, 29, 687-692.	0.5	4
34	Establishing clones of <i>Veratrum californicum</i> , a native medicinal species, for micropropagation. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2014, 50, 337-344.	0.9	3
35	Testing An Adoption Decision-Making Model of Nursery and Greenhouse Growers'™ Water Reuse in the United States. <i>Water (Switzerland)</i> , 2019, 11, 2470.	1.2	3
36	Chilling Requirements to Break Dormancy of <i>Veratrum californicum</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 1710-1713.	0.5	3

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37	Developing a Mobile Application as an Extension Education Tool: A Case Study Using IPMPro. HortTechnology, 2013, 23, 402-406.	0.5	3
38	Assessing Impact of Coordinated Comprehensive Regional Extension Publications: A Case Study of the Southern Nursery Integrated Pest Management Working Group. HortTechnology, 2017, 27, 765-771.	0.5	2
39	Specialty crop retention reservoir performance and design considerations to secure quality water and mitigate non-point source runoff. Journal of Cleaner Production, 2021, 321, 128925.	4.6	2
40	Multivariate Repeated Measures Analysis of Plant Growth Regulators on Tradescantia virginiana. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 404-408.	0.5	2
41	Phytophthora Species Associated with Plants in Constructed Wetlands and Vegetated Channels at a Commercial Plant Nursery Over Time. HortTechnology, 2019, 29, 736-744.	0.5	2
42	Viability assessment for the use of floating treatment wetlands as alternative production and remediation systems for nursery and greenhouse operations. Journal of Environmental Management, 2022, 305, 114398.	3.8	2
43	Micropropagation, Acclimatization, and Greenhouse Culture of Veratrum californicum. Methods in Molecular Biology, 2016, 1391, 187-199.	0.4	1
44	Advancing Integrated Pest Management Adoption and Achieving Extension Impact: A Working Group Success Story. HortTechnology, 2017, 27, 759-764.	0.5	1
45	Testing, Promoting, and Launching a Mobile Application as an Extension Tool: A Case Study with IPMPro. HortTechnology, 2013, 23, 407-410.	0.5	1
46	Alkalinity of Irrigation Return Water Influences Nutrient Removal Efficacy of Floating Treatment Wetland Systems ¹ . Journal of Environmental Horticulture, 2020, 38, 128-142.	0.3	1
47	Potential Susceptibility of Six Aquatic Plant Species to Infection by Five Species of <i>Phytophthora</i> . Plant Disease, 2021, 105, 4074-4083.	0.7	0
48	Clean WaterR3: Reduce, Remediate, Recycle—Using Transdisciplinary Science to Help Specialty Crop Producers Conserve Water and Resources. HortTechnology, 2019, 29, 684-686.	0.5	0