

Lynne A Carpenter-Boggs

List of Publications by Year in descending order

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52
papers

2,045
citations

172386
29
h-index

243529
44
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54
all docs

54
docs citations

54
times ranked

2394
citing authors

#	ARTICLE	IF	CITATIONS
1	A Plant-Fungus Bioassay Supports the Classification of Quinoa (<i>Chenopodium quinoa</i> Willd.) as Inconsistently Mycorrhizal. <i>Microbial Ecology</i> , 2021, 82, 135-144.	1.4	10
2	Agronomic and economic performance of organic forage, quinoa, and grain crop rotations in the Palouse region of the Pacific Northwest, USA. <i>Agricultural Systems</i> , 2020, 177, 102709.	3.2	16
3	Effects of arbuscular mycorrhizal fungi, biochar, selenium, silica gel, and sulfur on arsenic uptake and biomass growth in <i>Pisum sativum</i> L.. <i>Emerging Contaminants</i> , 2020, 6, 312-322.	2.2	21
4	Effect of soil amendments on antioxidant activity and photosynthetic pigments in pea crops grown in arsenic contaminated soil. <i>Heliyon</i> , 2020, 6, e05475.	1.4	21
5	Evaluating buffer methods for determining lime requirement on acidified agricultural soils of the Palouse. <i>Soil Science Society of America Journal</i> , 2020, 84, 1769-1781.	1.2	7
6	Productivity and soil quality of organic forage, quinoa, and grain cropping systems in the dryland Pacific Northwest, USA. <i>Agriculture, Ecosystems and Environment</i> , 2020, 293, 106838.	2.5	14
7	Producer Knowledge, Attitudes, and Practices for Dry Beans and Biological Nitrogen Fixation in Kamuli District, Uganda. , 2020, , 115-123.		1
8	Productivity, economic performance, and soil quality of conventional, mixed, and organic dryland farming systems in eastern Washington State. <i>Agriculture, Ecosystems and Environment</i> , 2019, 286, 106665.	2.5	29
9	Arbuscular mycorrhizal fungi reduce arsenic uptake and improve plant growth in <i>Lens culinaris</i> . <i>PLoS ONE</i> , 2019, 14, e0211441.	1.1	34
10	Agricultural carbon footprint is farm specific: Case study of two organic farms. <i>Journal of Cleaner Production</i> , 2019, 229, 795-805.	4.6	41
11	Effect of Arbuscular Mycorrhizal Fungi, Selenium and Biochar on Photosynthetic Pigments and Antioxidant Enzyme Activity Under Arsenic Stress in Mung Bean (<i>Vigna radiata</i>). <i>Frontiers in Physiology</i> , 2019, 10, 193.	1.3	57
12	Improving carbon footprinting of agricultural systems: Boundaries, tiers, and organic farming. <i>Environmental Impact Assessment Review</i> , 2018, 71, 41-48.	4.4	53
13	Reproduction Efficiency of <i>Eisenia foetida</i> and Substrate Changes During Vermicomposting of Organic Materials. <i>Compost Science and Utilization</i> , 2018, 26, 209-215.	1.2	8
14	Bacteria and Competing Herbivores Weaken Top-Down and Bottom-Up Aphid Suppression. <i>Frontiers in Plant Science</i> , 2018, 9, 1239.	1.7	16
15	Water quality and resident perceptions of declining ecosystem services at Shitalakka wetland in Narayanganj city. <i>Sustainability of Water Quality and Ecology</i> , 2017, 9-10, 53-66.	2.0	33
16	Effect of Salinity Intrusion on Food Crops, Livestock, and Fish Species at Kalapara Coastal Belt in Bangladesh. <i>Journal of Food Quality</i> , 2017, 2017, 1-23.	1.4	76
17	Evaluating Measures to Assess Soil Health in Long-Term Agroecosystem Trials. <i>Soil Science Society of America Journal</i> , 2016, 80, 450-462.	1.2	103
18	Denitrifier abundance has a greater influence on denitrification rates at larger landscape scales but is a lesser driver than environmental variables. <i>Soil Biology and Biochemistry</i> , 2016, 103, 221-231.	4.2	68

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19	Identifying hotspots in the carbon footprint of a small scale organic vegetable farm. <i>Agricultural Systems</i> , 2016, 149, 112-121.	3.2	33
20	Effect of irrigation, intercrop, and cultivar on agronomic and nutritional characteristics of quinoa. <i>Agroecology and Sustainable Food Systems</i> , 2016, 40, 783-803.	1.0	37
21	Influence of brassicaceous soil amendments on potentially beneficial and pathogenic soil microorganisms and seedling growth in Douglas-fir nurseries. <i>Applied Soil Ecology</i> , 2016, 105, 91-100.	2.1	16
22	Interactive life cycle assessment framework to evaluate agricultural impacts and benchmark emission reduction credits from organic management. <i>Journal of Cleaner Production</i> , 2016, 115, 182-190.	4.6	10
23	Crop production and soil water management in conservation agriculture, no-till, and conventional tillage systems in Malawi. <i>Agriculture, Ecosystems and Environment</i> , 2015, 212, 285-296.	2.5	69
24	Decomposition of Dairy Manure Assessed in the Field by Monitoring Natural Abundance of ¹³ C. <i>Soil Science Society of America Journal</i> , 2014, 78, 1949-1952.	1.2	1
25	Access to Agricultural Inputs, Technology and Information, Communicating with Farmers, and the Role of Women in Agriculture: Perceptions of Iraqi Extension Agents. <i>Journal of International Agricultural and Extension Education</i> , 2013, 20, .	0.2	5
26	Nitrogen Fixation by US and Middle Eastern Chickpeas with Commercial and Wild Middle Eastern Inocula. <i>ISRN Soil Science</i> , 2012, 2012, 1-5.	0.8	10
27	Sustainable agriculture: A case study of a small Lopez Island farm. <i>Agricultural Systems</i> , 2011, 104, 572-579.	3.2	16
28	Cultivar effects on nitrogen fixation in peas and lentils. <i>Biology and Fertility of Soils</i> , 2011, 47, 115-120.	2.3	48
29	Nitrogen fixation potential in global chickpea mini-core collection. <i>Biology and Fertility of Soils</i> , 2011, 47, 679-685.	2.3	18
30	Soil Carbon Pools, Nitrogen Supply, and Tree Performance under Several Groundcovers and Compost Rates in a Newly Planted Apple Orchard. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 1687-1694.	0.5	18
31	Influence of biodynamic preparations on compost development and resultant compost extracts on wheat seedling growth. <i>Bioresource Technology</i> , 2010, 101, 5658-5666.	4.8	35
32	Effects of soil type and farm management on soil ecological functional genes and microbial activities. <i>ISME Journal</i> , 2010, 4, 1099-1107.	4.4	134
33	Fruit and Soil Quality of Organic and Conventional Strawberry Agroecosystems. <i>PLoS ONE</i> , 2010, 5, e12346.	1.1	127
34	Influence of Orchard Floor Management and Compost Application Timing on Nitrogen Partitioning in Apple Trees. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2010, 45, 637-642.	0.5	31
35	Extension Education for Dryland Cropping Systems in Iraq. <i>Journal of Natural Resources and Life Sciences Education</i> , 2009, 38, 133-139.	0.3	6
36	Glycine, nitrate, and ammonium uptake by classic and modern wheat varieties in a short-term microcosm study. <i>Biology and Fertility of Soils</i> , 2009, 45, 723-732.	2.3	29

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37	Orchard floor management effects on nitrogen fertility and soil biological activity in a newly established organic apple orchard. <i>Biology and Fertility of Soils</i> , 2008, 45, 11-18.	2.3	94
38	Role of native soil biology in Brassicaceous seed meal-induced weed suppression. <i>Soil Biology and Biochemistry</i> , 2008, 40, 1689-1697.	4.2	52
39	Soil-based cycling and differential uptake of amino acids by three species of strawberry (<i>Fragaria</i> spp.) plants. <i>Soil Biology and Biochemistry</i> , 2008, 40, 2547-2552.	4.2	35
40	(161) Nitrogen and Carbon Cycling and Partitioning in Managed Understories of Organic Apples. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1032C-1032.	0.5	0
41	Citrus Black Rot is Caused by Phylogenetically Distinct Lineages of <i>Alternaria alternata</i> . <i>Phytopathology</i> , 2005, 95, 512-518.	1.1	53
42	Characterization of Soil Amended with the Byâ€Product of Corn Stover Fermentation. <i>Soil Science Society of America Journal</i> , 2004, 68, 139-147.	1.2	30
43	Soil microbial properties under permanent grass, conventional tillage, and no-till management in South Dakota. <i>Soil and Tillage Research</i> , 2003, 71, 15-23.	2.6	100
44	Crop yield and soil condition under ridge and chisel-plow tillage in the northern Corn Belt, USA. <i>Soil and Tillage Research</i> , 2001, 60, 21-33.	2.6	43
45	Biodynamic preparations: Short-term effects on crops, soils, and weed populations. <i>Renewable Agriculture and Food Systems</i> , 2000, 15, 110-118.	0.6	33
46	Soil Nitrogen Mineralization Influenced by Crop Rotation and Nitrogen Fertilization. <i>Soil Science Society of America Journal</i> , 2000, 64, 2038-2045.	1.2	129
47	Effects of Biodynamic Preparations on Compost Development. <i>Biological Agriculture and Horticulture</i> , 2000, 17, 313-328.	0.5	35
48	Use of Phospholipid Fatty Acids and Carbon Source Utilization Patterns To Track Microbial Community Succession in Developing Compost. <i>Applied and Environmental Microbiology</i> , 1998, 64, 4062-4064.	1.4	81
49	Mycorrhizal Colonization of <i>Ancistrocladus korupensis</i> , a New Tropical Forest Species with Anti-HIV Activity. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 1996, 3, 51-54.	0.5	1
50	Spore germination of <i>Gigaspora margarita</i> stimulated by volatiles of soil-isolated actinomycetes. <i>Soil Biology and Biochemistry</i> , 1995, 27, 1445-1451.	4.2	96
51	Procedure for rapid recovery of vsm fungal spores from soil. <i>Soil Biology and Biochemistry</i> , 1994, 26, 1587-1588.	4.2	7
52	Connecting New Farmers to Place, Agroecology, and Community through a Bilingual Organic Farm Incubator. <i>Journal of Agriculture, Food Systems, and Community Development</i> , 0, , 1-14.	2.4	1