

Lynne A Carpenter-Boggs

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,045
citations

172386

29
h-index

243529

44
g-index

54
all docs

54
docs citations

54
times ranked

2394
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Fruit and Soil Quality of Organic and Conventional Strawberry Agroecosystems. <i>PLoS ONE</i> , 2010, 5, e12346. | 1.1 | 127 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Citrus Black Rot is Caused by Phylogenetically Distinct Lineages of <i>Alternaria alternata</i> . <i>Phytopathology</i> , 2005, 95, 512-518. | 1.1 | 53 |
| 14 | Improving carbon footprinting of agricultural systems: Boundaries, tiers, and organic farming. <i>Environmental Impact Assessment Review</i> , 2018, 71, 41-48. | 4.4 | 53 |
| 15 | 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 |
| 16 | Cultivar effects on nitrogen fixation in peas and lentils. <i>Biology and Fertility of Soils</i> , 2011, 47, 115-120. | 2.3 | 48 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | Effects of Biodynamic Preparations on Compost Development. <i>Biological Agriculture and Horticulture</i> , 2000, 17, 313-328. | 0.5 | 35 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Identifying hotspots in the carbon footprint of a small scale organic vegetable farm. <i>Agricultural Systems</i> , 2016, 149, 112-121. | 3.2 | 33 |
| 26 | 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 |
| 27 | 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 |
| 28 | Characterization of Soil Amended with the By-Product of Corn Stover Fermentation. <i>Soil Science Society of America Journal</i> , 2004, 68, 139-147. | 1.2 | 30 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | Nitrogen fixation potential in global chickpea mini-core collection. <i>Biology and Fertility of Soils</i> , 2011, 47, 679-685. | 2.3 | 18 |
| 34 | 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 |
| 35 | Sustainable agriculture: A case study of a small Lopez Island farm. <i>Agricultural Systems</i> , 2011, 104, 572-579. | 3.2 | 16 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | Bacteria and Competing Herbivores Weaken Top-Down and Bottom-Up Aphid Suppression. <i>Frontiers in Plant Science</i> , 2018, 9, 1239. | 1.7 | 16 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Procedure for rapid recovery of vsm fungal spores from soil. <i>Soil Biology and Biochemistry</i> , 1994, 26, 1587-1588. | 4.2 | 7 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | Producer Knowledge, Attitudes, and Practices for Dry Beans and Biological Nitrogen Fixation in Kamuli District, Uganda. , 2020, , 115-123. | | 1 |
| 52 | (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 |