

Kristin M Trippe

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

877
citations

12
h-index

29
g-index

42
ext. papers

1,059
ext. citations

4.7
avg, IF

3.78
L-index

#	Paper	IF	Citations
39	Biochar as an Alternative Soil Amendment for Establishment of Northern Highbush Blueberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2022 , 57, 277-285	2.4	1
38	Towards predicting biochar impacts on plant-available soil nitrogen content. <i>Biochar</i> , 2022 , 4, 1	10	0
37	Unexpected distribution of the 4-formylaminoxyvinylglycine (FVG) biosynthetic pathway in <i>Pseudomonas</i> and beyond. <i>PLoS ONE</i> , 2021 , 16, e0247348	3.7	2
36	Microbial response to designer biochar and compost treatments for mining impacted soils.. <i>Biochar</i> , 2021 , 3, 299-314	10	2
35	Manipulating rangeland soil microclimate with juniper biochar for improved native seedling establishment. <i>Soil Science Society of America Journal</i> , 2021 , 85, 847-861	2.5	2
34	Agricultural Crop Change in the Willamette Valley, Oregon, from 2004 to 2017. <i>Data</i> , 2021 , 6, 17	2.3	
33	Phytostabilization of acidic mine tailings with biochar, biosolids, lime, and locally-sourced microbial inoculum: Do amendment mixtures influence plant growth, tailing chemistry, and microbial composition?. <i>Applied Soil Ecology</i> , 2021 , 165, 103962	5	10
32	Is biochar applied as surface mulch beneficial for grassland restoration?. <i>Geoderma</i> , 2020 , 375, 114457	6.7	8
31	Preliminary evaluation of a decision support tool for biochar amendment. <i>Biochar</i> , 2020 , 2, 93-105	10	2
30	Amending Sandy Soil with Biochar Promotes Plant Growth and Root Colonization by Mycorrhizal Fungi in Highbush Blueberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020 , 55, 353-361	2.4	5
29	Can biochar conserve water in Oregon agricultural soils?. <i>Soil and Tillage Research</i> , 2020 , 198, 104525	6.5	17
28	An examination of the role of biochar and biochar water-extractable substances on the sorption of ionizable herbicides in rice paddy soils. <i>Science of the Total Environment</i> , 2020 , 706, 135682	10.2	9
27	Biochar Surface Oxygenation by Ozonization for Super High Cation Exchange Capacity. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 16410-16418	8.3	25
26	Can biochar link forest restoration with commercial agriculture?. <i>Biomass and Bioenergy</i> , 2019 , 123, 175-185	18.5	11
25	Resistance to Two Vinylglycine Antibiotic Analogs Is Conferred by Inactivation of Two Separate Amino Acid Transporters in. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	6
24	Influence of Nitrogen Fertility Practices on Hop Cone Quality. <i>Journal of the American Society of Brewing Chemists</i> , 2019 , 77, 199-209	1.9	4
23	Remediation of an acidic mine spoil: Miscanthus biochar and lime amendment affects metal availability, plant growth, and soil enzyme activity. <i>Chemosphere</i> , 2018 , 205, 709-718	8.4	65

22	Detection of 4-formylaminoxyvinylglycine in culture filtrates of <i>Pseudomonas fluorescens</i> WH6 and <i>Pantoea ananatis</i> BRT175 by laser ablation electrospray ionization-mass spectrometry. <i>PLoS ONE</i> , 2018 , 13, e0200481	3.7	6
21	Physical feasibility of biochar production and utilization at a farm-scale: A case-study in non-irrigated seed production. <i>Biomass and Bioenergy</i> , 2018 , 108, 244-251	5.3	10
20	Creating a Biochar Roadmap. <i>CSA News</i> , 2018 , 63, 24-25	0.1	
19	Development of a Pacific Northwest Biochar Atlas: Translating biochar study results into usable grower information. <i>Crops & Soils</i> , 2018 , 51, 24-27	0.3	
18	Potential carbon storage in biochar made from logging residue: Basic principles and Southern Oregon case studies. <i>PLoS ONE</i> , 2018 , 13, e0203475	3.7	15
17	Spatial methods for deriving crop rotation history. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017 , 60, 22-37	7.3	4
16	Draft Genome Sequences of Seven 4-Formylaminoxyvinylglycine Producers Belonging to the Species Complex. <i>Genome Announcements</i> , 2017 , 5,		3
15	Functional analysis of a biosynthetic cluster essential for production of 4-formylaminoxyvinylglycine, a germination-arrest factor from <i>Pseudomonas fluorescens</i> WH6. <i>Microbiology (United Kingdom)</i> , 2017 , 163, 207-217	2.9	9
14	Gasified Grass and Wood Biochars Facilitate Plant Establishment in Acid Mine Soils. <i>Journal of Environmental Quality</i> , 2016 , 45, 1013-20	3.4	12
13	Soil Health, Crop Productivity, Microbial Transport, and Mine Spoil Response to Biochars. <i>Bioenergy Research</i> , 2016 , 9, 454-464	3.1	43
12	Remote Sensing of Perennial Crop Stand Duration and Pre-Crop Identification. <i>Agronomy Journal</i> , 2016 , 108, 2339-2354	2.2	3
11	Biochars Derived from Gasified Feedstocks Increase the Growth and Improve Nutrient Acquisition of <i>Triticum aestivum</i> (L.) Grown in Agricultural Alfisols. <i>Agriculture (Switzerland)</i> , 2015 , 5, 668-681	3	4
10	Changes in Soil Chemistry following Wood and Grass Biochar Amendments to an Acidic Agricultural Production Soil. <i>Agronomy Journal</i> , 2015 , 107, 1440-1446	2.2	15
9	RNAi silencing of a cytochrome P450 monooxygenase disrupts the ability of a filamentous fungus, <i>Graphium</i> sp., to grow on short-chain gaseous alkanes and ethers. <i>Biodegradation</i> , 2014 , 25, 137-51	4.1	13
8	Negative regulation of germination-arrest factor production in <i>Pseudomonas fluorescens</i> WH6 by a putative extracytoplasmic function sigma factor. <i>Microbiology (United Kingdom)</i> , 2014 , 160, 2432-2442	2.9	9
7	<i>Pseudomonas fluorescens</i> SBW25 produces furanomycin, a non-proteinogenic amino acid with selective antimicrobial properties. <i>BMC Microbiology</i> , 2013 , 13, 111	4.5	25
6	Correction: <i>Pseudomonas sfluorescens</i> SBW25 produces furanomycin, a non-proteinogenic amino acid with selective antimicrobial properties. <i>BMC Microbiology</i> , 2013 , 13, 263	4.5	
5	Metabolism and cometabolism of cyclic ethers by a filamentous fungus, a <i>Graphium</i> sp. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 5514-22	4.8	43

4	The Ascomycota tree of life: a phylum-wide phylogeny clarifies the origin and evolution of fundamental reproductive and ecological traits. <i>Systematic Biology</i> , 2009 , 58, 224-39	8.4	480
3	Pathway, inhibition and regulation of methyl tertiary butyl ether oxidation in a filamentous fungus, <i>Graphium</i> sp. <i>Applied Microbiology and Biotechnology</i> , 2008 , 77, 1359-65	5.7	12
2	Can locally sourced inoculum and biochar synergistically improve the establishment of mycorrhizal fungi in mine tailings?. <i>Restoration Ecology</i> , e13518	3.1	0
1	Biochar addition to vineyard soils: effects on soil functions, grape yield and wine quality. <i>Biochar</i> , 1	10	1