Heather L Tyler

List of Publications by Year
in descending order

21 papers	981 citations	840776 11 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	1603 citing authors

#	Article	IF	Citations
1	Shifts in bacterial community in response to conservation management practices within a soybean production system. Biology and Fertility of Soils, 2021, 57, 575-586.	4.3	5
2	Single- versus Double-Species Cover Crop Effects on Soil Health and Yield in Mississippi Soybean Fields. Agronomy, 2021, 11, 2334.	3.0	4
3	Winter cover crops and no till management enhance enzyme activities in soybean field soils. Pedobiologia, 2020, 81-82, 150666.	1.2	8
4	Plant microbiome-dependent immune enhancing action of Echinacea purpurea is enhanced by soil organic matter content. Scientific Reports, 2019, 9, 136.	3.3	13
5	Bacterial community composition under longâ€term reduced tillage and no till management. Journal of Applied Microbiology, 2019, 126, 1797-1807.	3.1	38
6	Macrophage activation by edible mushrooms is due to the collaborative interaction of toll-like receptor agonists and dectin-1b activating beta glucans derived from colonizing microorganisms. Food and Function, 2019, 10, 8208-8217.	4.6	4
7	Effects of Weed Management on Soil Ecosystems. , 2018, , 32-61.		4
8	Leaf Tissue Assay for Lepidopteran Pests of Bt Cotton. Southwestern Entomologist, 2017, 42, 953-958.	0.2	6
9	Bacterial components are the major contributors to the macrophage stimulating activity exhibited by extracts of common edible mushrooms. Food and Function, 2016, 7, 4213-4221.	4.6	5
10	Activities and Prevalence of Proteobacteria Members Colonizing Echinacea purpurea Fully Account for Macrophage Activation Exhibited by Extracts of This Botanical. Planta Medica, 2016, 82, 1258-1265.	1.3	11
11	Emerging Perspectives on the Natural Microbiome of Fresh Produce Vegetables. Agriculture (Switzerland), 2015, 5, 170-187.	3.1	55
12	Culture dependent and independent analysis of bacterial communities associated with commercial salad leaf vegetables. BMC Microbiology, 2013, 13, 274.	3.3	176
13	Aqueous pesticide mitigation efficiency of Typha latifolia (L.), Leersia oryzoides (L.) Sw., and Sparganium americanum Nutt.. Chemosphere, 2013, 92, 1307-1313.	8.2	39
14	Determination of Microbial Extracellular Enzyme Activity in Waters, Soils, and Sediments using High Throughput Microplate Assays. Journal of Visualized Experiments, 2013, , .	0.3	43
15	Seasonal and Interspecific Nutrient Mitigation Comparisons of Three Emergent Aquatic Macrophytes. Bioremediation Journal, 2013, 17, 148-158.	2.0	10
16	Determining Potential for Microbial Atrazine Degradation in Agricultural Drainage Ditches. Journal of Environmental Quality, 2013, 42, 828-834.	2.0	5
17	Influence of Three Aquatic Macrophytes on Mitigation of Nitrogen Species from Agricultural Runoff. Water, Air, and Soil Pollution, 2012, 223, 3227-3236.	2.4	36
18	Two genome sequences of the same bacterial strain, Gluconacetobacter diazotrophicus PAl 5, suggest a new standard in genome sequence submission. Standards in Genomic Sciences, 2010, 2, 309-317.	1.5	29

#	Article	IF	Citations
19	Confirmation of the Sequence of â€˜Candidatus Liberibacter asiaticusâ€™ and Assessment of Microbial Diversity in Huanglongbing-Infected Citrus Phloem Using a Metagenomic Approach. Molecular Plant-Microbe Interactions, 2009, 22, 1624-1634.	2.6	95
20	Plants as a Habitat for Beneficial and/or Human Pathogenic Bacteria. Annual Review of Phytopathology, 2008, 46, 53-73.	7.8	142
21	Complete Genome Sequence of the N2-Fixing Broad Host Range Endophyte Klebsiella pneumoniae 342 and Virulence Predictions Verified in Mice. PLoS Genetics, 2008, 4, e1000141.	3.5	253