

Heather L Tyler

List of Publications by Year in descending order

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Version: 2024-02-01

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	Complete Genome Sequence of the N ₂ -Fixing Broad Host Range Endophyte <i>Klebsiella pneumoniae</i> 342 and Virulence Predictions Verified in Mice. <i>PLoS Genetics</i> , 2008, 4, e1000141.	3.5	253
2	Culture dependent and independent analysis of bacterial communities associated with commercial salad leaf vegetables. <i>BMC Microbiology</i> , 2013, 13, 274.	3.3	176
3	Plants as a Habitat for Beneficial and/or Human Pathogenic Bacteria. <i>Annual Review of Phytopathology</i> , 2008, 46, 53-73.	7.8	142
4	Confirmation of the Sequence of <i>Candidatus</i> <i>Liberibacter asiaticus</i> ™ and Assessment of Microbial Diversity in Huanglongbing-Infected Citrus Phloem Using a Metagenomic Approach. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1624-1634.	2.6	95
5	Emerging Perspectives on the Natural Microbiome of Fresh Produce Vegetables. <i>Agriculture (Switzerland)</i> , 2015, 5, 170-187.	3.1	55
6	Determination of Microbial Extracellular Enzyme Activity in Waters, Soils, and Sediments using High Throughput Microplate Assays. <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	43
7	Aqueous pesticide mitigation efficiency of <i>Typha latifolia</i> (L.), <i>Leersia oryzoides</i> (L.) Sw., and <i>Sparganium americanum</i> Nutt.. <i>Chemosphere</i> , 2013, 92, 1307-1313.	8.2	39
8	Bacterial community composition under long-term reduced tillage and no till management. <i>Journal of Applied Microbiology</i> , 2019, 126, 1797-1807.	3.1	38
9	Influence of Three Aquatic Macrophytes on Mitigation of Nitrogen Species from Agricultural Runoff. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3227-3236.	2.4	36
10	Two genome sequences of the same bacterial strain, <i>Gluconacetobacter diazotrophicus</i> PAI 5, suggest a new standard in genome sequence submission. <i>Standards in Genomic Sciences</i> , 2010, 2, 309-317.	1.5	29
11	Plant microbiome-dependent immune enhancing action of <i>Echinacea purpurea</i> is enhanced by soil organic matter content. <i>Scientific Reports</i> , 2019, 9, 136.	3.3	13
12	Activities and Prevalence of Proteobacteria Members Colonizing <i>Echinacea purpurea</i> Fully Account for Macrophage Activation Exhibited by Extracts of This Botanical. <i>Planta Medica</i> , 2016, 82, 1258-1265.	1.3	11
13	Seasonal and Interspecific Nutrient Mitigation Comparisons of Three Emergent Aquatic Macrophytes. <i>Bioremediation Journal</i> , 2013, 17, 148-158.	2.0	10
14	Winter cover crops and no till management enhance enzyme activities in soybean field soils. <i>Pedobiologia</i> , 2020, 81-82, 150666.	1.2	8
15	Leaf Tissue Assay for Lepidopteran Pests of Bt Cotton. <i>Southwestern Entomologist</i> , 2017, 42, 953-958.	0.2	6
16	Determining Potential for Microbial Atrazine Degradation in Agricultural Drainage Ditches. <i>Journal of Environmental Quality</i> , 2013, 42, 828-834.	2.0	5
17	Bacterial components are the major contributors to the macrophage stimulating activity exhibited by extracts of common edible mushrooms. <i>Food and Function</i> , 2016, 7, 4213-4221.	4.6	5
18	Shifts in bacterial community in response to conservation management practices within a soybean production system. <i>Biology and Fertility of Soils</i> , 2021, 57, 575-586.	4.3	5

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19	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
20	Effects of Weed Management on Soil Ecosystems. , 2018, , 32-61.		4
21	Single- versus Double-Species Cover Crop Effects on Soil Health and Yield in Mississippi Soybean Fields. Agronomy, 2021, 11, 2334.	3.0	4