

Terrence G Gardner

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

504
citations

1040056

9
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	ITSxpress: Software to rapidly trim internally transcribed spacer sequences with quality scores for marker gene analysis. <i>F1000Research</i> , 2018, 7, 1418.	1.6	155
2	Predominant bacterial and fungal assemblages in agricultural soils during a record drought/heat wave and linkages to enzyme activities of biogeochemical cycling. <i>Applied Soil Ecology</i> , 2014, 84, 69-82.	4.3	133
3	Soil enzyme activities during the 2011 Texas record drought/heat wave and implications to biogeochemical cycling and organic matter dynamics. <i>Applied Soil Ecology</i> , 2014, 75, 43-51.	4.3	52
4	Soil Rhizosphere Microbial Communities and Enzyme Activities under Organic Farming in Alabama. <i>Diversity</i> , 2011, 3, 308-328.	1.7	45
5	Pyrosequencing Reveals Bacteria Carried in Different Wind-Eroded Sediments. <i>Journal of Environmental Quality</i> , 2012, 41, 744-753.	2.0	27
6	Modification of the T Cell Antigen Receptor (TCR) Complex by UDP-glucose:Glycoprotein Glucosyltransferase. <i>Journal of Biological Chemistry</i> , 1999, 274, 14094-14099.	3.4	17
7	Morphology, structure, and metal binding mechanisms of biogenic manganese oxides in a superfund site treatment system. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 50-58.	3.5	16
8	T Cell Receptor Assembly and Expression in the Absence of Calnexin. <i>Archives of Biochemistry and Biophysics</i> , 2000, 378, 182-189.	3.0	10
9	Diffuse-reflectance mid-infrared spectroscopy reveals chemical differences in soil organic matter carried in different size wind eroded sediments. <i>Aeolian Research</i> , 2014, 15, 193-201.	2.7	10
10	Early response of organic matter dynamics to pine biochar in sandy soil under peach trees. , 2020, 3, e20094.		9
11	Biohybrid nanofibers containing manganese oxide-forming fungi for heavy metal removal from water. <i>Journal of Engineered Fibers and Fabrics</i> , 2020, 15, 155892501989895.	1.0	6
12	Mutational analysis of conserved amino acids in the T cell receptor α -chain transmembrane region: a critical role of leucine 112 and phenylalanine 127 for assembly and surface expression. <i>Molecular Immunology</i> , 2003, 39, 953-963.	2.2	5
13	Microbial Compositions and Enzymes of a Forest Ecosystem in Alabama: Initial Response to Thinning and Burning Management Selections. <i>Open Journal of Forestry</i> , 2018, 08, 328-343.	0.3	4
14	A Workshop for Developing Learning Modules for Science Classes Based on Biogeochemical Research. <i>Journal of Natural Resources and Life Sciences Education</i> , 2013, 42, 75-84.	1.5	3
15	Changes in chemical and structural composition of sugarcane bagasse caused by alkaline pretreatments [Ca(OH) ₂ and NaOH] modify the amount of endoglucanase and β -glucosidase produced by <i>Aspergillus niger</i> in solid-state fermentation. <i>Chemical Engineering Communications</i> , 2022, 209, 594-606.	2.6	3
16	Early Effect of Pine Biochar on Peach-Tree Planting on Microbial Community Composition and Enzymatic Activity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1473.	2.5	3
17	Enzymatic Hydrolysis of an Organic Sulfur Compound. <i>Advances in Enzyme Research</i> , 2019, 07, 1-13.	1.6	3
18	Estimation of Saprolyte Thickness Needed to Remove <i>E. coli</i> from Wastewater. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2066.	2.5	1

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19	Efficiency of saprolite for removing E. coli from simulated wastewater. Water Science and Technology, 2020, 82, 2545-2551.	2.5	1
20	Forest floor manipulation effects on the relationship between aggregate stability and ectomycorrhizal fungi. Forest Ecology and Management, 2021, 505, 119873.	3.2	1
21	Purification of Immature CD4 ⁺ CD8 ⁺ Thymocytes by Panning with Anti-CD8 Antibody. , 2000, 134, 47-53.		0
22	Characterization of Microbes Carried in Dust. , 2011, , .		0
23	Soil bioindicators associated to different management regimes of Cedrela odorata plantations. Madera Bosques, 2021, 27, .	0.2	0