Terrence G Gardner

List of Publications by Year
in descending order

23	504	1040056 9	794594 19
papers	citations	h-index	g-index

23	23	23	929
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Changes in chemical and structural composition of sugarcane bagasse caused by alkaline pretreatments [Ca(OH)₂ and NaOH] modify the amount of endoglucanase and Î²-glucosidase produced by Aspergillus niger in solid-state fermentation. Chemical Engineering Communications, 2022, 209, 594-606.	2.6	3
2	Early Effect of Pine Biochar on Peach-Tree Planting on Microbial Community Composition and Enzymatic Activity. Applied Sciences (Switzerland), 2021, 11, 1473.	2.5	3
3	Estimation of Saprolite Thickness Needed to Remove E. coli from Wastewater. Applied Sciences (Switzerland), 2021, 11, 2066.	2.5	1
4	Soil bioindicators associated to different management regimes of Cedrela odorata plantations. Madera Bosques, 2021, 27, .	0.2	0
5	Forest floor manipulation effects on the relationship between aggregate stability and ectomycorrhizal fungi. Forest Ecology and Management, 2021, 505, 119873.	3.2	1
6	Early response of organic matter dynamics to pineâ€biochar in sandy soil under peachÂtrees. , 2020, 3, e20094.		9
7	Biohybrid nanofibers containing manganese oxideâ€“forming fungi for heavy metal removal from water. Journal of Engineered Fibers and Fabrics, 2020, 15, 155892501989895.	1.0	6
8	Efficiency of saprolite for removing E. coli from simulated wastewater. Water Science and Technology, 2020, 82, 2545-2551.	2.5	1
9	Enzymatic Hydrolysis of an Organic Sulfur Compound. Advances in Enzyme Research, 2019, 07, 1-13.	1.6	3
10	ITSxpress: Software to rapidly trim internally transcribed spacer sequences with quality scores for marker gene analysis. F1000Research, 2018, 7, 1418.	1.6	155
11	Microbial Compositions and Enzymes of a Forest Ecosystem in Alabama: Initial Response to Thinning and Burning Management Selections. Open Journal of Forestry, 2018, 08, 328-343.	0.3	4
12	Morphology, structure, and metal binding mechanisms of biogenic manganese oxides in a superfund site treatment system. Environmental Sciences: Processes and Impacts, 2017, 19, 50-58.	3.5	16
13	Diffuse-reflectance mid-infrared spectroscopy reveals chemical differences in soil organic matter carried in different size wind eroded sediments. Aeolian Research, 2014, 15, 193-201.	2.7	10
14	Predominant bacterial and fungal assemblages in agricultural soils during a record drought/heat wave and linkages to enzyme activities of biogeochemical cycling. Applied Soil Ecology, 2014, 84, 69-82.	4.3	133
15	Soil enzyme activities during the 2011 Texas record drought/heat wave and implications to biogeochemical cycling and organic matter dynamics. Applied Soil Ecology, 2014, 75, 43-51.	4.3	52
16	A Workshop for Developing Learning Modules for Science Classes Based on Biogeochemical Research. Journal of Natural Resources and Life Sciences Education, 2013, 42, 75-84.	1.5	3
17	Pyrosequencing Reveals Bacteria Carried in Different Wind-Eroded Sediments. Journal of Environmental Quality, 2012, 41, 744-753.	2.0	27
18	Characterization of Microbes Carried in Dust. , 2011, , .		0

#	Article	IF	Citations
19	Soil Rhizosphere Microbial Communities and Enzyme Activities under Organic Farming in Alabama. Diversity, 2011, 3, 308-328.	1.7	45
20	Mutational analysis of conserved amino acids in the T cell receptor Î±-chain transmembrane region: a critical role of leucine 112 and phenylalanine 127 for assembly and surface expression. Molecular Immunology, 2003, 39, 953-963.	2.2	5
21	Purification of Immature CD4⁺CD8</sup>+</sup> Thymocytes by Panning with Anti-CD8 Antibody. , 2000, 134, 47-53.		0
22	T Cell Receptor Assembly and Expression in the Absence of Calnexin. Archives of Biochemistry and Biophysics, 2000, 378, 182-189.	3.0	10
23	Modification of the T Cell Antigen Receptor (TCR) Complex by UDP-glucose:Glycoprotein Glucosyltransferase. Journal of Biological Chemistry, 1999, 274, 14094-14099.	3.4	17