

Seasonal variations of soil microbial biomass and activity in turfgrass systems

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Heat stress and N fertilization affect soil microbial and enzyme activities in the creeping bentgrass (<i>Agrostis Stolonifera</i> L.) rhizosphere. <i>Applied Soil Ecology</i> , 2012, 56, 19-26.	4.3	16
2	Ridge-furrow and plastic-mulching tillage enhances maize soil interactions: Opportunities and challenges in a semiarid agroecosystem. <i>Field Crops Research</i> , 2012, 126, 181-188.	5.1	185
3	Laccase mediated changes in physical and chemical composition properties of thatch layer in creeping bentgrass (<i>Agrostis stolonifera</i> L.). <i>Soil Biology and Biochemistry</i> , 2013, 64, 48-56.	8.8	6
4	Ridge-Furrow Mulching Systems An Innovative Technique for Boosting Crop Productivity in Semiarid Rain-Fed Environments. <i>Advances in Agronomy</i> , 2013, , 429-476.	5.2	453
5	Bacterial communities in soil mimic patterns of vegetative succession and ecosystem climax but are resilient to change between seasons. <i>Soil Biology and Biochemistry</i> , 2013, 57, 749-757.	8.8	83
6	Optimizing Laccase Application on Creeping Bentgrass (<i>Agrostis stolonifera</i> L.) to Facilitate Biodegradation. <i>Crop Science</i> , 2014, 54, 1804-1815.	1.8	1
7	Comparison of Seasonal Soil Microbial Process in Snow-Covered Temperate Ecosystems of Northern China. <i>PLoS ONE</i> , 2014, 9, e92985.	2.5	13
8	Substrate and environmental controls on microbial assimilation of soil organic carbon: a framework for Earth system models. <i>Ecology Letters</i> , 2014, 17, 547-555.	6.4	148
9	Season and Nitrogen Effects on Activities of Three Hydrolytic Enzymes in Soils of the Gurbantunggut Desert, Northwest China. <i>Communications in Soil Science and Plant Analysis</i> , 2014, 45, 1699-1713.	1.4	2
10	Soil respiratory and enzyme activities in leachate-contaminated soils with different application rate of cow manure compost: a laboratory study. <i>Environmental Earth Sciences</i> , 2014, 71, 225-231.	2.7	4
11	Nitrogen budgets of urban lawns under three different management regimes in southern California. <i>Biogeochemistry</i> , 2014, 121, 127-148.	3.5	22
12	Seasonal and clonal variations of microbial biomass and processes in the rhizosphere of poplar plantations. <i>Applied Soil Ecology</i> , 2014, 78, 65-72.	4.3	11
13	Effects of biological soil crusts on soil enzyme activities in revegetated areas of the Tengger Desert, China. <i>Applied Soil Ecology</i> , 2014, 80, 6-14.	4.3	63
14	Seasonal Changes of Microbiological Properties in Steppe Soils from Degraded Arid Area in Tunisia. <i>Arid Land Research and Management</i> , 2014, 28, 49-58.	1.6	3
15	Identifying response groups of soil nitrifiers and denitrifiers to grazing and associated soil environmental drivers in Tibetan alpine meadows. <i>Soil Biology and Biochemistry</i> , 2014, 77, 89-99.	8.8	75
16	Mulching Effects on Labile Soil Organic Nitrogen Pools under a Spring Maize Cropping System in Semiarid Farmland. <i>Agronomy Journal</i> , 2015, 107, 1465-1472.	1.8	19
17	Coupled Carbon and Nitrogen Inputs Increase Microbial Biomass and Activity in Prairie Bioenergy Systems. <i>Ecosystems</i> , 2015, 18, 417-427.	3.4	34
18	Driving factors of temporal variation in agricultural soil respiration. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 589-604.	0.6	4

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19	Functional dependencies of soil CO ₂ emissions on soil biological properties in northern German agricultural soils derived from a glacial till. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 233-245.	0.6	1
20	Seasonal influence of climate manipulation on microbial community structure and function in mountain soils. <i>Soil Biology and Biochemistry</i> , 2015, 80, 296-305.	8.8	70
21	A time for every season: soil aggregate turnover stimulates decomposition and reduces carbon loss in grasslands managed for bioenergy. <i>GCB Bioenergy</i> , 2016, 8, 588-599.	5.6	72
22	Temporal variation in soil enzyme activities after afforestation in the Loess Plateau, China. <i>Geoderma</i> , 2016, 282, 103-111.	5.1	107
23	Soil enzymes and microbial endophytes as indicators of climate variation along an altitudinal gradient with respect to wheat rhizosphere under mountain ecosystem. <i>Rhizosphere</i> , 2016, 2, 75-84.	3.0	15
24	The US National Mall Microbiome: A Census of Rhizosphere Bacteria Inhabiting Landscape Turf. <i>Crop Science</i> , 2017, 57, S-341.	1.8	15
25	Differences among Soil-Inhabiting Microbial Communities in <i>Poa annua</i> Turf throughout the Growing Season. <i>Crop Science</i> , 2017, 57, S-262.	1.8	16
26	Microbial community biomass and structure in saline and non-saline soils associated with salt- and boron-tolerant poplar clones grown for the phytoremediation of selenium. <i>International Journal of Phytoremediation</i> , 2018, 20, 129-137.	3.1	11
27	Seasonal variation rather than stand age determines bacterial diversity in the rhizosphere of wolfberry (<i>Lycium barbarum</i> L.) associated with soil degradation. <i>Journal of Soils and Sediments</i> , 2018, 18, 1518-1529.	3.0	6
28	Phosphorus and Nitrogen Drive the Seasonal Dynamics of Bacterial Communities in Pinus Forest Rhizospheric Soil of the Qinling Mountains. <i>Frontiers in Microbiology</i> , 2018, 9, 1930.	3.5	25
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30	Soil Biological Health: Influence of Crop Rotational Diversity and Tillage on Soil Microbial Properties. <i>Soil Science Society of America Journal</i> , 2019, 83, 1431-1442.	2.2	29
31	Minimum data set for evaluation of stand density effects on soil quality in <i>Larix principis-rupprechtii</i> plantations in North China. <i>Ecological Indicators</i> , 2019, 103, 236-247.	6.3	43
32	Soil microbial attributes along a chronosequence of Scots pine (<i>Pinus sylvestris</i> var. <i>mongolica</i>) plantations in northern China. <i>Pedosphere</i> , 2020, 30, 433-442.	4.0	5
33	Seasonal dynamics of soil microbial biomass C and N of <i>Keteleeria fortunei</i> var. <i>cyclolepis</i> forests with different ages. <i>Journal of Forestry Research</i> , 2020, 31, 2377-2384.	3.6	19
34	Do metal contamination and plant species affect microbial abundance and bacterial diversity in the rhizosphere of metallophytes growing in mining areas in a semiarid climate?. <i>Journal of Soils and Sediments</i> , 2020, 20, 1003-1017.	3.0	10
35	Enhanced Mechanical Properties of Pure Zirconium via Friction Stir Processing. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 147-153.	2.9	7
36	Change in soil microbial biomass and regulating factors in an alpine meadow site on the Qinghai-Tibetan Plateau. <i>Soil Science and Plant Nutrition</i> , 2020, 66, 177-194.	1.9	15

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37	Heavy grazing over 64 years reduced soil bacterial diversity in the foothills of the Rocky Mountains, Canada. <i>Applied Soil Ecology</i> , 2020, 147, 103361.	4.3	28
38	Nitrogen forms in runoff export from St. Augustinegrass. <i>Agronomy Journal</i> , 2021, 113, 3730-3742.	1.8	1
39	Elucidating the influence of resident seed and soil microbiota on the developing creeping bentgrass microbiome. , 2020, 3, e20038.		6
40	Space Is More Important than Season when Shaping Soil Microbial Communities at a Large Spatial Scale. <i>MSystems</i> , 2020, 5, .	3.8	71
41	Soil carbon sequestration in bermudagrass golf course fairways in Lubbock, Texas. <i>Agronomy Journal</i> , 2020, 112, 148-157.	1.8	8
42	Mineralization and nitrification: Archaea dominate ammonia-oxidising communities in grassland soils. <i>Soil Biology and Biochemistry</i> , 2020, 143, 107725.	8.8	44
43	Patterns of local, intercontinental and interseasonal variation of soil bacterial and eukaryotic microbial communities. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	19
44	Evaluation of soil enzyme activities as soil biological activity indicators in desert-oasis transition zone soils in China. <i>Arid Land Research and Management</i> , 2021, 35, 162-176.	1.6	0
45	Relationships between nitrogen cycling microbial community abundance and composition reveal the indirect effect of soil pH on oak decline. <i>ISME Journal</i> , 2021, 15, 623-635.	9.8	63
46	Soil microbial biomass and composition from urban landscapes in a semiarid climate. <i>Applied Soil Ecology</i> , 2021, 158, 103810.	4.3	8
47	The Abundance of N-Transforming Bacteria in Ungrazing and Grazing Area Under Oil Palm- Cattle Integration Management in South Kalimantan. , 0, , .		0
48	Hummock-hollow microtopography affects soil enzyme activity by creating environmental heterogeneity in the sedge-dominated peatlands of the Changbai Mountains, China. <i>Ecological Indicators</i> , 2021, 121, 107187.	6.3	9
49	Species Diversity Induces Idiosyncratic Effects on Litter Decomposition in a Degraded Meadow Steppe. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	6
50	Tree cover mediate indices related to the content of organic matter and the size of microbial population in semi-arid ecosystems. <i>Journal of Environmental Management</i> , 2021, 285, 112144.	7.8	0
51	Plant Age Influences Microbiome Communities More Than Plant Compartment in Greenhouse-Grown Creeping Bentgrass. <i>Phytobiomes Journal</i> , 2021, 5, 373-381.	2.7	7
52	Seasonal changes in soil properties, microbial biomass and enzyme activities across the soil profile in two alpine ecosystems. <i>Soil Ecology Letters</i> , 2021, 3, 383-394.	4.5	16
53	Effect of mulch on soil thermal regimes - A review. <i>International Journal of Agriculture Environment and Biotechnology</i> , 2015, 8, 645.	0.1	40
54	Improvement of subsoil physicochemical and microbial properties by short-term fallow practices. <i>PeerJ</i> , 2019, 7, e7501.	2.0	4

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55	Impact of fertilisers on five turfgrass mixtures for football pitches under natural conditions. <i>Zahradnictvi</i> (Prague, Czech Republic: 1992), 2021, 48, 190-204.	0.9	2
57	Urban conditions affect soil characteristics and physiological performance of three evergreen woody species. <i>Plant Physiology and Biochemistry</i> , 2022, 171, 169-181.	5.8	6
58	Distinct soil microbial communities under <i>Ageratina adenophora</i> invasions. <i>Plant Biology</i> , 2022, 24, 430-439.	3.8	14
59	Drip Fertigated Planting Systems with Polythene Mulching on Cauliflower Eggplant Cropping Systems in Hot and Subhumid Climate: Impact on Soil Health and Crop Yield. <i>Communications in Soil Science and Plant Analysis</i> , 2022, 53, 1261-1276.	1.4	0
60	Short-Term Grazing Exclusion Alters Soil Bacterial Co-occurrence Patterns Rather Than Community Diversity or Composition in Temperate Grasslands. <i>Frontiers in Microbiology</i> , 2022, 13, 824192.	3.5	6
67	Divergent temporal variations in soil microbial attributes under a subtropic afforestation. <i>Ecological Indicators</i> , 2022, 142, 109170.	6.3	2
68	Three-dimensional mapping of carbon, nitrogen, and phosphorus in soil microbial biomass and their stoichiometry at the global scale. <i>Global Change Biology</i> , 2022, 28, 6728-6740.	9.5	29
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70	Az éjszaka az életünk hazai talajállapotot közlésként tudomány program eltapasztalásai és eredményei. <i>Agrokémia Es Talajtan</i> , 2023, 72, 25-43.	0.2	0
72	Effects of coastal embankments on seasonal variations in nitrogen storage in the plant-soil systems of Suaeda salsa salt marshes in Eastern China. <i>Ecological Engineering</i> , 2024, 199, 107168.	3.6	0
73	Heavy grazing reduces soil bacterial diversity by increasing soil pH in a semi-arid steppe. <i>PeerJ</i> , 0, 12, e17031.	2.0	0
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