

An extraction method for measuring soil microbial bion

Soil Biology and Biochemistry

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Citation Report

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2	Microbial biomass measurements in forest soils: The use of the chloroform fumigation-incubation method in strongly acid soils. Soil Biology and Biochemistry, 1987, 19, 697-702.	8.8	452
3	Methods for Studying Soil Organisms. , 1989, , 32-48.		2
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2838	Abiotic solubilization of soil organic matter, a less-seen aspect of dissolved organic matter production. <i>Soil Biology and Biochemistry</i> , 2012, 50, 12-21.	8.8	37
2839	The effects of simultaneous root colonisation by three <i>Glomus</i> species on soil pore characteristics. <i>Soil Biology and Biochemistry</i> , 2012, 49, 167-173.	8.8	52
2840	Effects of experimental warming on soil N transformations of two coniferous species, Eastern Tibetan Plateau, China. <i>Soil Biology and Biochemistry</i> , 2012, 50, 77-84.	8.8	50
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2843	Rapid microbial phosphorus immobilization dominates gross phosphorus fluxes in a grassland soil with low inorganic phosphorus availability. <i>Soil Biology and Biochemistry</i> , 2012, 51, 84-95.	8.8	145

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2846	Response of microbial activity and biomass to increasing salinity depends on the final salinity, not the original salinity. <i>Soil Biology and Biochemistry</i> , 2012, 53, 50-55.	8.8	76
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2849	Soil organic matter characteristics, biochemical activity and antioxidant capacity in Mediterranean land use systems. <i>Soil and Tillage Research</i> , 2012, 120, 8-14.	5.6	32
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2853	Nitrogen dynamics in soil amended with manures composted in dynamic and static systems. <i>Journal of Environmental Management</i> , 2012, 108, 66-72.	7.8	13
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2860	Soil organic matter dynamics and nitrogen availability in response to site preparation and management during revegetation in tropical Central Queensland, Australia. <i>Journal of Soils and Sediments</i> , 2012, 12, 386-395.	3.0	21
2861	Effect of black locust (<i>Robinia pseudoacacia</i>) on soil chemical and microbiological properties in the eroded hilly area of China's Loess Plateau. <i>Environmental Earth Sciences</i> , 2012, 65, 597-607.	2.7	75

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2876	The impact of secondary forests conversion into larch plantations on soil chemical and microbiological properties. <i>Plant and Soil</i> , 2013, 368, 535-546.	3.7	71
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2878	Converting paddy fields to Lei bamboo (<i>Phyllostachys praecox</i>) stands affected soil nutrient concentrations, labile organic carbon pools, and organic carbon chemical compositions. <i>Plant and Soil</i> , 2013, 367, 249-261.	3.7	43
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2913	Aerobic biodegradation of propylene glycol by soil bacteria. <i>Biodegradation</i> , 2013, 24, 603-613.	3.0	14
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2979	Is the effect of trees on soil properties mediated by soil fauna? A case study from post-mining sites. <i>Forest Ecology and Management</i> , 2013, 309, 87-95.	3.2	161
2980	Effects of elevated CO ₂ on rhizosphere characteristics of Cd/Zn hyperaccumulator <i>Sedum alfredii</i> . <i>Science of the Total Environment</i> , 2013, 454-455, 510-516.	8.0	45
2981	Evidence of a threshold in soil erodibility generating differences in vegetation development and resilience between two semiarid grasslands. <i>Journal of Arid Environments</i> , 2013, 89, 57-66.	2.4	22
2982	Water-Extractable Carbon Pools and Microbial Biomass Carbon in Sodic Water-Irrigated Soils Amended with Gypsum and Organic Manures. <i>Pedosphere</i> , 2013, 23, 88-97.	4.0	16
2983	Agronomic Potentials of Rarely Used Agroforestry Species for Smallholder Agriculture in Sub-Saharan Africa: An Exploratory Study. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 1733-1748.	1.4	17
2984	Turnover of "new" and "old" carbon in soil microbial biomass. <i>Microbiology</i> , 2013, 82, 505-516.	1.2	8
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2987	Microbial biomass in faeces of dairy cows affected by a nitrogen deficient diet. <i>Archives of Animal Nutrition</i> , 2013, 67, 104-118.	1.8	11

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2990	Functional diversity of soil microbial communities in response to tillage and crop residue retention in an eroded Loess soil. <i>Soil Science and Plant Nutrition</i> , 2013, 59, 311-321.	1.9	26
2991	Response of Soil Microbial Biomass and Enzyme Activity to Soil Fertilization in an Eroded Farmland of Chinese Mollisols. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 2809-2819.	1.4	10
2992	Changes in soil quality after subsequent establishment of <i>Chromolaena odorata</i> fallows in humid savannahs, Ivory Coast. <i>Catena</i> , 2013, 101, 99-107.	5.0	15
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2994	Changes in soil microbial biomass and functional diversity with a nitrogen gradient in soil columns. <i>Applied Soil Ecology</i> , 2013, 64, 1-6.	4.3	72
2995	Soil Microbial and Enzyme Activities Response to Pollution Near an Aluminium Smelter. <i>Clean - Soil, Air, Water</i> , 2013, 41, 485-492.	1.1	17
2996	The impact of zero-valent iron nanoparticles upon soil microbial communities is context dependent. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1041-1049.	5.3	101
2997	A STELLA Model to Estimate Soil CO ₂ Emissions from a Short-Rotation Woody Crop. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	5
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2999	Alterations of microbial populations and composition in the rhizosphere and bulk soil as affected by residual acetochlor. <i>Environmental Science and Pollution Research</i> , 2013, 20, 369-379.	5.3	18
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3001	Toxicity of metal oxide (CeO ₂ , Fe ₃ O ₄ , SnO ₂) engineered nanoparticles on soil microbial biomass and their distribution in soil. <i>Soil Biology and Biochemistry</i> , 2013, 60, 87-94.	8.8	163
3002	DNA determinations during growth of soil microbial biomasses. <i>Soil Biology and Biochemistry</i> , 2013, 57, 487-495.	8.8	52
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3007	Sodic soil reclamation potential of <i>Jatropha curcas</i> : A long-term study. <i>Ecological Engineering</i> , 2013, 58, 434-440.	3.6	31
3008	Nutrient amendment does not increase mineralisation of sequestered carbon during incubation of a nitrogen limited mangrove soil. <i>Soil Biology and Biochemistry</i> , 2013, 57, 822-829.	8.8	51
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3025	Plant inter-species effects on rhizosphere priming of soil organic matter decomposition. <i>Soil Biology and Biochemistry</i> , 2013, 57, 91-99.	8.8	98
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3059	Artificially applied vanillic acid changed soil microbial communities in the rhizosphere of cucumber (<i>Cucumis sativus</i> L.). Canadian Journal of Soil Science, 2013, 93, 13-21.	1.2	36
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3084	Effects of land use on soil organic carbon and microbial processes associated with soil health in southern Brazil. European Journal of Soil Biology, 2013, 55, 117-123.	3.2	58
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3125	Installation of impervious surface in urban areas affects microbial biomass, activity (potential C) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	40
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3389	Inoculation of zinc solubilizing <i>Bacillus aryabhattai</i> strains for improved growth, mobilization and biofortification of zinc in soybean and wheat cultivated in Vertisols of central India. <i>Applied Soil Ecology</i> , 2014, 73, 87-96.	4.3	286
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3701	Short-term changes in amino sugar-specific $\delta^{13}\text{C}$ values after application of C4 and C3 sucrose. <i>Soil Biology and Biochemistry</i> , 2015, 91, 92-98.	8.8	13
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3705	The effect of toxicity of heavy metals contained in tailing sands on the organic carbon metabolic activity of soil microorganisms from different land use types in the karst region. <i>Environmental Earth Sciences</i> , 2015, 74, 6747-6756.	2.7	29
3706	Wildfire effects on ash composition and biological properties of soils in forest-steppe ecosystems of Russia. <i>Environmental Earth Sciences</i> , 2015, 74, 4395-4405.	2.7	14
3707	Priming of soil organic matter decomposition scales linearly with microbial biomass response to litter input in steppe vegetation. <i>Oikos</i> , 2015, 124, 649-657.	2.7	70
3708	Effects of decabromodiphenyl ether on lead mobility and microbial toxicity in soil. <i>Chemosphere</i> , 2015, 122, 99-104.	8.2	18
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3732	Sensitivity of soil organic carbon stocks and fractions to soil surface mulching in semiarid farmland. <i>European Journal of Soil Biology</i> , 2015, 67, 35-42.	3.2	68
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3743	Soil microbial biomass carbon and fatty acid composition of earthworm <i>Lumbricus rubellus</i> after exposure to engineered nanoparticles. <i>Biology and Fertility of Soils</i> , 2015, 51, 261-269.	4.3	29
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3749	Mycorrhizal effects on nutrient cycling, nutrient leaching and N ₂ O production in experimental grassland. <i>Soil Biology and Biochemistry</i> , 2015, 80, 283-292.	8.8	130
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3752	Effect of biochar addition on C mineralisation and soil organic matter priming in two subsoil horizons. <i>Journal of Soils and Sediments</i> , 2015, 15, 825-832.	3.0	35
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3758	Effects of intraspecific variation in rice resistance to aboveground herbivore, brown planthopper, and rice root nematodes on plant yield, labile pools of plant, and rhizosphere soil. <i>Biology and Fertility of Soils</i> , 2015, 51, 417-425.	4.3	5
3759	Phytodiversity on fly ash deposits: evaluation of naturally colonized species for sustainable phytoremediation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2776-2787.	5.3	83
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3761	Effects of drought stress on agriculture soil. <i>Natural Hazards</i> , 2015, 75, 1997-2011.	3.4	36
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3778	Effect of long term cropping hybrid sorrel (<i>Rumex</i> × <i>patientia</i> × <i>Rumex tianshanicus</i>) on soil biota. <i>Biomass and Bioenergy</i> , 2015, 78, 92-98.	5.7	4
3779	Assessing soil quality of gleyed paddy soils with different productivities in subtropical China. <i>Catena</i> , 2015, 133, 293-302.	5.0	24
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3781	Response of rhizosphere microbial community structure and diversity to heavy metal co-pollution in arable soil. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8259-8269.	3.6	115
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3784	Short-term changes in microbial biomass and activity in soils under black locust trees (<i>Robinia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.0	6
3785	Influence of cropping system management and crop residue addition on soil carbon turnover through the microbial biomass. <i>Biology and Fertility of Soils</i> , 2015, 51, 839-845.	4.3	24
3786	Soil organic matter fractions under different vegetation types in permafrost regions along the Qinghai-Tibet Highway, north of Kunlun Mountains, China. <i>Journal of Mountain Science</i> , 2015, 12, 1010-1024.	2.0	15
3787	Soil microbial community structure and function are significantly affected by long-term organic and mineral fertilization regimes in the North China Plain. <i>Applied Soil Ecology</i> , 2015, 96, 75-87.	4.3	146
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3789	Long-term frequent prescribed fire decreases surface soil carbon and nitrogen pools in a wet sclerophyll forest of Southeast Queensland, Australia. <i>Science of the Total Environment</i> , 2015, 536, 39-47.	8.0	52
3790	Rhizosphere effect of three plant species of environment under periglacial conditions (Majella Massif,) Tj ETQq1 1 0.784314 rgBT /Overlock 89	8.8	69
3791	Response of soil enzyme activity to warming and nitrogen addition in a meadow steppe. <i>Soil Research</i> , 2015, 53, 242.	1.1	55
3792	Interactive impacts of earthworms (<i>Eisenia fetida</i>) and arbuscular mycorrhizal fungi (<i>Funneliformis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 19	3.7	19
3793	Vertical Distribution of Soil Denitrifying Communities in a Wet Sclerophyll Forest under Long-Term Repeated Burning. <i>Microbial Ecology</i> , 2015, 70, 993-1003.	2.8	21
3794	Do general spatial relationships for microbial biomass and soil enzyme activities exist in temperate grassland soils?. <i>Soil Biology and Biochemistry</i> , 2015, 88, 430-440.	8.8	47
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3796	Land use change decreases soil carbon stocks in Tibetan grasslands. <i>Plant and Soil</i> , 2015, 395, 231-241.	3.7	18
3797	Soil Enzyme Activities on Eroded Slopes in the Sichuan Basin, China. <i>Pedosphere</i> , 2015, 25, 489-500.	4.0	11
3798	Effects of liming and mineral N on initial decomposition of soil organic matter and post harvest root residues of poplar. <i>Geoderma</i> , 2015, 259-260, 243-250.	5.1	25
3799	Responses of absolute and specific soil enzyme activities to long term additions of organic and mineral fertilizer. <i>Science of the Total Environment</i> , 2015, 536, 59-67.	8.0	139
3800	Structure and function of rhizosphere and non-rhizosphere soil microbial community respond differently to elevated ozone in field-planted wheat. <i>Journal of Environmental Sciences</i> , 2015, 32, 126-134.	6.1	19

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3802	Long-term influence of biochar on native organic carbon mineralisation in a low-carbon clayey soil. <i>Scientific Reports</i> , 2014, 4, 3687.	3.3	244
3803	Soil respiration, microbial biomass and nutrient availability after the second amendment are influenced by legacy effects of prior residue addition. <i>Soil Biology and Biochemistry</i> , 2015, 88, 169-177.	8.8	80
3804	Aggregation and organic matter in subarctic Andosols under different grassland management. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 246-263.	0.6	5
3805	Biochar reduces the rhizosphere priming effect on soil organic carbon. <i>Soil Biology and Biochemistry</i> , 2015, 88, 372-379.	8.8	57
3806	Forest conversion stimulated deep soil C losses and decreased C recalcitrance through priming effect in subtropical China. <i>Biology and Fertility of Soils</i> , 2015, 51, 857-867.	4.3	25
3807	Consistent increase in abundance and diversity but variable change in community composition of bacteria in topsoil of rice paddy under short term biochar treatment across three sites from South China. <i>Applied Soil Ecology</i> , 2015, 91, 68-79.	4.3	133
3808	Plant nitrogen uptake drives rhizosphere bacterial community assembly during plant growth. <i>Soil Biology and Biochemistry</i> , 2015, 85, 170-182.	8.8	137
3809	Effect of temperature variation on lindane dissipation and microbial activity in soil. <i>Ecological Engineering</i> , 2015, 79, 54-59.	3.6	22
3810	Soil nitrogen pools and turnover in native woodland and managed pasture soils. <i>Soil Biology and Biochemistry</i> , 2015, 85, 63-71.	8.8	13
3811	Soil microbial functional diversity and biomass as affected by different thinning intensities in a Chinese fir plantation. <i>Applied Soil Ecology</i> , 2015, 92, 35-44.	4.3	83
3812	Nitrogen and phosphorus addition impact soil N ₂ O emission in a secondary tropical forest of South China. <i>Scientific Reports</i> , 2014, 4, 5615.	3.3	76
3813	The effects of forest gaps on cellulose degradation in the foliar litter of two shrub species in an alpine fir forest. <i>Plant and Soil</i> , 2015, 393, 109-122.	3.7	47
3814	Impact of plastic film mulching on increasing greenhouse gas emissions in temperate upland soil during maize cultivation. <i>Applied Soil Ecology</i> , 2015, 91, 48-57.	4.3	196
3815	Impact of carbon nanomaterials on microbial activity in soil. <i>Soil Biology and Biochemistry</i> , 2015, 86, 172-180.	8.8	46
3816	Evaluation of seasonal variability of soil biogeochemical properties in aggregate-size fractionated soil under different tillages. <i>Soil and Tillage Research</i> , 2015, 151, 39-49.	5.6	43
3817	Microbial carbon concentration in samples of seabird and non-seabird forest soil: Implications for leaf litter cycling. <i>Pedobiologia</i> , 2015, 58, 33-39.	1.2	12
3818	Changes in plant, soil, and microbes in a typical steppe from simulated grazing: explaining potential change in soil C. <i>Ecological Monographs</i> , 2015, 85, 269-286.	5.4	125

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3821	Soil properties discriminating <i>Araucaria</i> forests with different disturbance levels. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 194.	2.7	3
3822	Relevance of nonfunctional linear polyacrylic acid for the biodegradation of superabsorbent polymer in soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 5444-5452.	5.3	18
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3824	The bioavailability and adverse impacts of lead and decabromodiphenyl ether on soil microbial activities. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12141-12149.	5.3	11
3825	Biological activity of the metal-rich post-flotation tailings at an abandoned mine tailings pond (four) $T_j ETQq1 1 0.784314 \text{ rgBT} / \text{Overlsc}$ 12174-12181.	5.3	15
3826	The impact of the soil sealing degree on microbial biomass, enzymatic activity, and physicochemical properties in the Ekranic Technosols of ToruÅ, (Poland). <i>Journal of Soils and Sediments</i> , 2015, 15, 47-59.	3.0	88
3827	Soil microbial community composition rather than litter quality is linked with soil organic carbon chemical composition in plantations in subtropical China. <i>Journal of Soils and Sediments</i> , 2015, 15, 1094-1103.	3.0	34
3828	Patterns of Potential Methanogenesis Along Soil Moisture Gradients Following Drying and Rewetting in Midwestern Prairie Pothole Wetlands. <i>Wetlands</i> , 2015, 35, 633-640.	1.5	8
3829	Using electrical signals of microbial fuel cells to detect copper stress on soil microorganisms. <i>European Journal of Soil Science</i> , 2015, 66, 369-377.	3.9	29
3830	Growth of <i>Cymbopogon citratus</i> inoculated with mycorrhizal fungi under different levels of lead. <i>Scientia Horticulturae</i> , 2015, 186, 239-246.	3.6	14
3831	Adaptation of soil microbial community structure and function to chronic metal contamination at an abandoned Pb-Zn mine. <i>FEMS Microbiology Ecology</i> , 2015, 91, 1-11.	2.7	119
3832	Rain regime and soil type affect the C and N dynamics in soil columns that are covered with mixed-species mulches. <i>Plant and Soil</i> , 2015, 393, 319-334.	3.7	19
3833	Urbanization effects on soil nitrogen transformations and microbial biomass in the subtropics. <i>Urban Ecosystems</i> , 2015, 18, 963-976.	2.4	22
3834	Parental material and cultivation determine soil bacterial community structure and fertility. <i>FEMS Microbiology Ecology</i> , 2015, 91, 1-10.	2.7	37
3835	Characterization of Plant Growth-Promoting Rhizobacteria (PGPR): A Perspective of Conventional Versus Recent Techniques. <i>Soil Biology</i> , 2015, , 471-485.	0.8	7
3836	Soil microbial biomass C:N:P stoichiometry and microbial use of Åorganic phosphorus. <i>Soil Biology and Biochemistry</i> , 2015, 85, 119-129.	8.8	314
3837	Effect of land shaping on soil properties and crop yield in tsunami inundated coastal soils of Southern Andaman Island. <i>Agriculture, Ecosystems and Environment</i> , 2015, 206, 1-9.	5.3	20

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3839	Higher rates of manure application lead to greater accumulation of both fungal and bacterial residues in macroaggregates of a clay soil. <i>Soil Biology and Biochemistry</i> , 2015, 84, 137-146.	8.8	67
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4292	Reclamation of intensively managed soils in temperate regions by addition of wood bottom ash containing charcoal: SOM composition and microbial functional diversity. <i>Applied Soil Ecology</i> , 2016, 100, 195-206.	4.3	19
4293	Impact of long-term cropping of glyphosate-resistant transgenic soybean [<i>Glycine max</i> (L.) Merr.] on soil microbiome. <i>Transgenic Research</i> , 2016, 25, 425-440.	2.4	44
4294	Effects of elevated O ₃ and CO ₂ on the relative contribution of carbohydrates to soil organic matter in an agricultural soil. <i>Soil and Tillage Research</i> , 2016, 159, 47-55.	5.6	4
4295	Biochar ameliorates crop productivity, soil fertility, essential oil yield and aroma profiling in basil (<i>Ocimum basilicum</i> L.). <i>Ecological Engineering</i> , 2016, 90, 361-366.	3.6	68
4296	The transformation and renewal of soil amino acids induced by the availability of extraneous C and N. <i>Soil Biology and Biochemistry</i> , 2016, 96, 86-96.	8.8	17
4297	Changes of soil prokaryotic communities after clear-cutting in a karst forest: evidences for cutting-based disturbance promoting deterministic processes. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw026.	2.7	28
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4299	Changes in the heavy metal solubility of two contaminated soils after heavy metals phytoextraction with <i>Noccaea caerulea</i> . <i>Ecological Engineering</i> , 2016, 89, 56-63.	3.6	28
4300	Combined use of empirical data and mathematical modelling to better estimate the microbial turnover of isotopically labelled carbon substrates in soil. <i>Soil Biology and Biochemistry</i> , 2016, 94, 154-168.	8.8	68
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4302	Effect of biochar and organic fertilizers on C mineralization and macro-aggregate dynamics under different incubation temperatures. <i>Soil and Tillage Research</i> , 2016, 164, 11-17.	5.6	60
4303	Effects of fresh spent mushroom substrate of <i>Pleurotus ostreatus</i> on soil micromorphology in Brazil. <i>Geoderma</i> , 2016, 269, 54-60.	5.1	34
4304	Responses of peat carbon at different depths to simulated warming and oxidizing. <i>Science of the Total Environment</i> , 2016, 548-549, 429-440.	8.0	32
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4306	Pitfalls in the use of middle-infrared spectroscopy: representativeness and ranking criteria for the estimation of soil properties. <i>Geoderma</i> , 2016, 268, 165-175.	5.1	20
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4308	Microbial carbon use efficiency and biomass turnover times depending on soil depth – Implications for carbon cycling. <i>Soil Biology and Biochemistry</i> , 2016, 96, 74-81.	8.8	289

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4310	Sustainable viticulture: The carbon-sink function of the vineyard agro-ecosystem. <i>Agriculture, Ecosystems and Environment</i> , 2016, 223, 10-21.	5.3	73
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4315	Carbon and nitrogen mineralization in hierarchically structured aggregates of different size. <i>Soil and Tillage Research</i> , 2016, 160, 23-33.	5.6	80
4316	Functional and structural responses of bacterial and fungal communities from paddy fields following long-term rice cultivation. <i>Journal of Soils and Sediments</i> , 2016, 16, 1460-1471.	3.0	33
4317	Effects of Salinity and Inundation on Microbial Community Structure and Function in a Mangrove Peat Soil. <i>Wetlands</i> , 2016, 36, 361-371.	1.5	98
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4322	Microbial biomass, fungal and bacterial residues, and their relationships to the soil organic matter C/N/P/S ratios. <i>Geoderma</i> , 2016, 271, 115-123.	5.1	208
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4324	Nitrogen accumulation and partitioning in a High Arctic tundra ecosystem from extreme atmospheric N deposition events. <i>Science of the Total Environment</i> , 2016, 554-555, 303-310.	8.0	28
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4336	Plant growth promoting bacteria confer salt tolerance in <i>Vigna radiata</i> by up-regulating antioxidant defense and biological soil fertility. <i>Plant Growth Regulation</i> , 2016, 80, 23-36.	3.4	202
4337	Mediation of soil C decomposition by arbuscular mycorrhizal fungi in grass rhizospheres under elevated CO ₂ . <i>Biogeochemistry</i> , 2016, 127, 45-55.	3.5	24
4338	Effects of various organic amendments on organic carbon pools and water stable aggregates under a scented rice–potato–onion cropping system. <i>Paddy and Water Environment</i> , 2016, 14, 481-489.	1.8	27
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4352	Combinational effects of sulfomethoxazole and copper on soil microbial community and function. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4235-4241.	5.3	27
4353	Soil microbial community and its interaction with soil carbon and nitrogen dynamics following afforestation in central China. <i>Science of the Total Environment</i> , 2016, 541, 230-237.	8.0	208
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4365	Contrasting effects of aged and fresh biochars on glucose-induced priming and microbial activities in paddy soil. <i>Journal of Soils and Sediments</i> , 2016, 16, 191-203.	3.0	35
4366	Response of soil microbial community and diversity to increasing water salinity and nitrogen fertilization rate in an arid soil. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016, 66, 117-126.	0.6	12
4367	Small but active “ pool size does not matter for carbon incorporation in below-ground food webs. <i>Functional Ecology</i> , 2016, 30, 479-489.	3.6	91
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4397	Organic amendments as phosphorus fertilisers: Chemical analyses, biological processes and plant P uptake. <i>Soil Biology and Biochemistry</i> , 2017, 107, 50-59.	8.8	46
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4400	Effects of the ants <i>Formica sanguinea</i> , <i>Lasius niger</i> , and <i>Tetramorium cf. caespitum</i> on soil properties in an ore-washery sedimentation basin. <i>Journal of Soils and Sediments</i> , 2017, 17, 2127-2135.	3.0	6
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4403	A practical soil management to improve soil quality by applying mineral organic fertilizer. <i>Acta Geochimica</i> , 2017, 36, 198-204.	1.7	31
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4406	Initial biochar effects on plant productivity derive from N fertilization. <i>Plant and Soil</i> , 2017, 415, 435-448.	3.7	22
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4418	Effects of straw and biochar amendments on aggregate stability, soil organic carbon, and enzyme activities in the Loess Plateau, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10108-10120.	5.3	121
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4421	Dynamics of soil labile carbon and nitrogen pools in riparian zone of Wyaralong Dam in Southeast Queensland, Australia. <i>Journal of Soils and Sediments</i> , 2017, 17, 1030-1044.	3.0	7
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4433	Temperature sensitivity of substrate-use efficiency can result from altered microbial physiology without change to community composition. <i>Soil Biology and Biochemistry</i> , 2017, 109, 59-69.	8.8	44
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4437	Corn cob biochar increases soil culturable bacterial abundance without enhancing their capacities in utilizing carbon sources in Biolog Eco-plates. <i>Journal of Integrative Agriculture</i> , 2017, 16, 713-724.	3.5	41
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4448	Comparison of conventional and conservation rice-wheat systems in Punjab, Pakistan. <i>Soil and Tillage Research</i> , 2017, 169, 35-43.	5.6	45
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4876	Phosphorus fractions in subtropical soils depending on land use. <i>European Journal of Soil Biology</i> , 2018, 87, 17-24.	3.2	47
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4880	Divergent responses of ecosystem respiration components to livestock exclusion on the Qinghai Tibetan Plateau. <i>Land Degradation and Development</i> , 2018, 29, 1726-1737.	3.9	19
4881	Long-term animal manure application promoted biological binding agents but not soil aggregation in a Vertisol. <i>Soil and Tillage Research</i> , 2018, 180, 232-237.	5.6	61
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4883	Increasing atmospheric deposition nitrogen and ammonium reduced microbial activity and changed the bacterial community composition of red paddy soil. <i>Science of the Total Environment</i> , 2018, 633, 776-784.	8.0	33
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4887	Impact of single and binary mixtures of phenanthrene and N-PAHs on microbial utilization of ¹⁴ C-glucose in soil. <i>Soil Biology and Biochemistry</i> , 2018, 120, 222-229.	8.8	4
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4898	Glyphosate application increased catabolic activity of gram-negative bacteria but impaired soil fungal community. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14762-14772.	5.3	16
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4903	Effects of Tillage and Residue Management Practices on Soil and Root Parameters in Soybean (<i>Glycine</i>) Tj ETQq1 1 0.784314 rgBT /Over India Section B - Biological Sciences, 2018, 88, 487-496.	1.0	2

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5009	Linking Soil Microbial Properties with Plant Performance in Acidic Tropical Soil Amended with Biochar. Agronomy, 2018, 8, 255.	3.0	10
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5011	Impact of integrated management of nitrogen fertilizers on yield and nutritional quality of potato. Journal of Plant Nutrition, 2018, 41, 2482-2494.	1.9	5
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5014	Effects of biochar and slurry application as well as drying and rewetting on soil macroaggregate formation in agricultural silty loam soils. <i>Soil Use and Management</i> , 2018, 34, 575-583.	4.9	7
5015	Can Saltwater Intrusion Accelerate Nutrient Export from Freshwater Wetland Soils? An Experimental Approach. <i>Soil Science Society of America Journal</i> , 2018, 82, 283-292.	2.2	32
5016	Carbon sequestration potential of plantation forestry and improvements in soil nutrient status in a subtropical area of northern India. <i>Environmental Sustainability</i> , 2018, 1, 383-392.	2.8	3
5017	Effects of biochar on carbon pool, N mineralization, microbial biomass and microbial respiration from mollisol. <i>African Journal of Agricultural Research Vol Pp</i> , 2018, 13, 2570-2578.	0.5	1
5018	Influence of slope aspect on the microbial properties of rhizospheric and non-rhizospheric soils on the Loess Plateau, China. <i>Solid Earth</i> , 2018, 9, 1157-1168.	2.8	9
5019	Enhancing soil organic carbon, particulate organic carbon and microbial biomass in semi-arid rangeland using pasture enclosures. <i>BMC Ecology</i> , 2018, 18, 45.	3.0	36
5020	Comparison of methods to quantify soil microbial biomass carbon. <i>Acta Scientiarum - Agronomy</i> , 2018, 40, 39451.	0.6	13
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5026	The Successional Trend of Soil Microbial Characteristics after Reclamation Amended with Arsenic Sandstone in the Mu Us Sandy Land, China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 170, 032103.	0.3	0
5027	Soil Microbial Biomass Across a Gradient of Preserved Native Cerrado. <i>Floresta E Ambiente</i> , 2018, 25, .	0.4	2
5028	Applying Soil Health Indicators to Encourage Sustainable Soil Use: The Transition from Scientific Study to Practical Application. <i>Sustainability</i> , 2018, 10, 3021.	3.2	22
5029	Disentangling effects of air and soil temperature on C allocation in cold environments: A ¹⁴ C pulse labelling study with two plant species. <i>Ecology and Evolution</i> , 2018, 8, 7778-7789.	1.9	6
5030	Labile organic matter plays a more important role than the autotrophic bacterial community in regulating microbial CO ₂ fixation in an eroded watershed. <i>Land Degradation and Development</i> , 2018, 29, 4415-4423.	3.9	10

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5034	Characteristics of soil enzyme activities and microbial biomass carbon and nitrogen under different vegetation zones on the Loess Plateau, China. <i>Arid Land Research and Management</i> , 2018, 32, 438-454.	1.6	10
5035	Corn Stover Harvest, Tillage, and Cover Crop Effects on Soil Health Indicators. <i>Soil Science Society of America Journal</i> , 2018, 82, 910-918.	2.2	21
5036	The influence of drought intensity on soil respiration during and after multiple drying-rewetting cycles. <i>Soil Biology and Biochemistry</i> , 2018, 127, 82-89.	8.8	32
5037	Oxidative Stress-Protective and Anti-Melanogenic Effects of Loliolide and Ethanol Extract from Fresh Water Green Algae, <i>Prasiola japonica</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2825.	4.1	24
5038	Plants mitigate detrimental nitrogen deposition effects on soil biodiversity. <i>Soil Biology and Biochemistry</i> , 2018, 127, 178-186.	8.8	20
5039	Simulated leaf litter addition causes opposite priming effects on natural forest and plantation soils. <i>Biology and Fertility of Soils</i> , 2018, 54, 925-934.	4.3	36
5040	Soil microbial activity and community structure as affected by exposure to chloride and chloride-sulfate salts. <i>Journal of Arid Land</i> , 2018, 10, 737-749.	2.3	5
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5047	Soil health indicators as affected by diverse forage species and mixtures in semi-arid pastures. <i>Applied Soil Ecology</i> , 2018, 132, 179-186.	4.3	47
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5050	Responses of soil microbial biomass, diversity and metabolic activity to biochar applications in managed poplar plantations on reclaimed coastal saline soil. <i>Soil Use and Management</i> , 2018, 34, 597-605.	4.9	28
5051	Effects of bacterial-feeding nematodes and organic matter on microbial activity and oil degradation in contaminated soil. <i>Environmental Science and Pollution Research</i> , 2018, 25, 35614-35622.	5.3	9
5052	Biodegradable plastic designed to improve the soil quality and microbiological activity. <i>Polymer Degradation and Stability</i> , 2018, 158, 52-63.	5.8	12
5053	Effects of nitrogen addition on soil organic carbon mineralization after maize stalk addition. <i>European Journal of Soil Biology</i> , 2018, 89, 33-38.	3.2	19
5054	Microbial biomass and acid phosphomonoesterase activity in soils of the Central Highlands of Kenya. <i>Geoderma Regional</i> , 2018, 15, e00193.	2.1	16
5055	Drought-Induced Accumulation of Root Exudates Supports Post-drought Recovery of Microbes in Mountain Grassland. <i>Frontiers in Plant Science</i> , 2018, 9, 1593.	3.6	80
5056	Organic amendment effectively recovers soil functionality in degraded vineyards. <i>European Journal of Agronomy</i> , 2018, 101, 210-221.	4.1	20
5057	Effects of amendments on base cation and micronutrient availabilities in soils planted with tomato in a solar greenhouse. <i>Soil Science and Plant Nutrition</i> , 2018, 64, 782-792.	1.9	3
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5064	Effects of Copper Oxide Nanoparticles on Paddy Soil Properties and Components. <i>Nanomaterials</i> , 2018, 8, 839.	4.1	51
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5069	Nitrogen addition reduces dissolved organic carbon leaching in a montane forest. <i>Soil Biology and Biochemistry</i> , 2018, 127, 31-38.	8.8	20
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5071	Soil microbial biomass and enzyme data after six years of cover crop and compost treatments in organic vegetable production. <i>Data in Brief</i> , 2018, 21, 212-227.	1.0	5
5072	Recovery approach affects soil quality in fragile karst ecosystems of southwest China: Implications for vegetation restoration. <i>Ecological Engineering</i> , 2018, 123, 151-160.	3.6	38
5073	Bioconversion of Scotch broom into a high-quality organic fertiliser: Vermicomposting as a sustainable option. <i>Waste Management and Research</i> , 2018, 36, 1092-1099.	3.9	20
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5076	Soil heterotrophic respiration: Measuring and modeling seasonal variation and silvicultural impacts. <i>Forest Ecology and Management</i> , 2018, 430, 594-608.	3.2	13
5077	Soil macrofauna in organic and conventional coffee plantations in Brazil. <i>Biota Neotropica</i> , 2018, 18, .	0.5	11
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5080	Vermicomposting manure-paper mixture with igneous rock phosphate enhances biodegradation, phosphorus bioavailability and reduces heavy metal concentrations. <i>Heliyon</i> , 2018, 4, e00749.	3.2	27
5081	Interactive priming effect of labile carbon and crop residues on SOM depends on residue decomposition stage: Three-source partitioning to evaluate mechanisms. <i>Soil Biology and Biochemistry</i> , 2018, 126, 179-190.	8.8	38
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5083	Contamination and Soil Biological Properties in the Serra Pelada Mine - Amazonia, Brazil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	1.3	9
5084	Controls of soil and aggregate-associated organic carbon variations following natural vegetation restoration on the <sc>L</sc>oess <sc>P</sc>lateau in <sc>C</sc>hina. <i>Land Degradation and Development</i> , 2018, 29, 3974-3984.	3.9	85

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5087	Land use and fertilisation affect priming in tropical andosols. <i>European Journal of Soil Biology</i> , 2018, 87, 9-16.	3.2	13
5088	Nitrogen acquisition strategies during the winter-spring transitional period are divergent at the species level yet convergent at the ecosystem level in temperate grasslands. <i>Soil Biology and Biochemistry</i> , 2018, 122, 150-159.	8.8	17
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5090	Mycelium- and root-derived C inputs differ in their impacts on soil organic C pools and decomposition in forests. <i>Soil Biology and Biochemistry</i> , 2018, 123, 257-265.	8.8	24
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5093	Ley grassland under temperate climate had a legacy effect on soil organic matter quantity, biogeochemical signature and microbial activities. <i>Soil Biology and Biochemistry</i> , 2018, 122, 203-210.	8.8	30
5094	Successes in Application of Biotechnologies to Mine Land Remediation in the Russian Sub-Arctic. , 2018, , 547-570.		3
5095	Aggregate-associated N and global warming potential of conservation agriculture-based cropping of maize-wheat system in the north-western Indo-Gangetic Plains. <i>Soil and Tillage Research</i> , 2018, 182, 66-77.	5.6	33
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5097	Soil microbiological attributes indicate recovery of an iron mining area and of the biological quality of adjacent phytophysionomies. <i>Ecological Indicators</i> , 2018, 93, 142-151.	6.3	25
5098	Current knowledge and future research directions to link soil health and water conservation in the Ogallala Aquifer region. <i>Geoderma</i> , 2018, 328, 109-118.	5.1	52
5099	Long-term no-tillage application increases soil organic carbon, nitrous oxide emissions and faba bean (<i>Vicia faba</i> L.) yields under rain-fed Mediterranean conditions. <i>Science of the Total Environment</i> , 2018, 639, 350-359.	8.0	47
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5101	The extent and pathways of nitrogen loss in turfgrass systems: Age impacts. <i>Science of the Total Environment</i> , 2018, 637-638, 746-757.	8.0	14
5102	Temporal characterisation of soil-plant natural recovery related to fire severity in burned <i>Pinus halepensis</i> Mill. forests. <i>Science of the Total Environment</i> , 2018, 640-641, 42-51.	8.0	35

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5104	Effects of snow depth on acid-unhydrolyzable residue and acid-hydrolyzable carbohydrates degradation rates during foliar litter decomposition of <i>Pinus koraiensis</i> and <i>Quercus mongolica</i> . <i>Plant and Soil</i> , 2018, 428, 389-400.	3.7	4
5105	Small and transient response of winter soil respiration and microbial communities to altered snow depth in a mid-temperate forest. <i>Applied Soil Ecology</i> , 2018, 130, 40-49.	4.3	25
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5107	Effects of snowfall depth on soil physical–chemical properties and soil microbial biomass in moss-dominated crusts in the Gurbantunggut Desert, Northern China. <i>Catena</i> , 2018, 169, 175-182.	5.0	21
5108	Spatial variability of soil properties in the floodplain of a river oasis in the Mongolian Altay Mountains. <i>Geoderma</i> , 2018, 330, 99-106.	5.1	19
5109	Biodiversity of urban soils for sustainable cities. <i>Environmental Chemistry Letters</i> , 2018, 16, 1267-1282.	16.2	75
5110	The effects of experimental warming and CO ₂ concentration doubling on soil organic carbon fractions of a montane coniferous forest on the eastern Qinghai-Tibetan Plateau. <i>European Journal of Forest Research</i> , 2018, 137, 211-221.	2.5	6
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5115	Similar positive effects of beneficial bacteria, nematodes and earthworms on soil quality and productivity. <i>Applied Soil Ecology</i> , 2018, 130, 202-208.	4.3	23
5116	The role of wildfire on soil quality in abandoned terraces of three Mediterranean micro-catchments. <i>Catena</i> , 2018, 170, 246-256.	5.0	17
5117	Application of holm oak biochar alters dynamics of enzymatic and microbial activity in two contrasting Mediterranean soils. <i>European Journal of Soil Biology</i> , 2018, 88, 15-26.	3.2	28
5118	Greenhouse gas emissions and energy exchange in wet and dry season rice: eddy covariance-based approach. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 423.	2.7	15
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5122	Impact of nitrogen additions on soil microbial respiration and temperature sensitivity in native and agricultural ecosystems in the Brazilian Cerrado. <i>Journal of Thermal Biology</i> , 2018, 75, 120-127.	2.5	3
5123	Ten years of application of sewage sludge on tropical soil. A balance sheet on agricultural crops and environmental quality. <i>Science of the Total Environment</i> , 2018, 643, 1493-1501.	8.0	68
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5125	Spring drying and intensified summer rainfall affected soil microbial community composition but not enzyme activity in a subtropical forest. <i>Applied Soil Ecology</i> , 2018, 130, 219-225.	4.3	21
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5128	Liming improves soil microbial growth, but trash blanket placement increases labile carbon and nitrogen availability in a sugarcane soil of subtropical Australia. <i>Soil Research</i> , 2018, 56, 235.	1.1	9
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5131	Characterization of Composted Organic Amendments for Agricultural Use. <i>Frontiers in Sustainable Food Systems</i> , 2018, 2, .	3.9	41
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5133	Influence of organic management on As bioavailability: Soil quality and tomato As uptake. <i>Chemosphere</i> , 2018, 211, 352-359.	8.2	10
5134	Vertical and seasonal variations of soil carbon pools in ginkgo agroforestry systems in eastern China. <i>Catena</i> , 2018, 171, 450-459.	5.0	35
5135	Using Humus on Golf Course Fairways to Alleviate Soil Salinity Problems. <i>HortTechnology</i> , 2018, 28, 284-288.	0.9	7
5136	The effect of rice husk biochar on soil nutrient status, microbial biomass and paddy productivity of nutrient poor agriculture soils. <i>Catena</i> , 2018, 171, 485-493.	5.0	83
5137	Soil organic carbon dynamics in wheat - Green gram crop rotation amended with vermicompost and biochar in combination with inorganic fertilizers: A comparative study. <i>Journal of Cleaner Production</i> , 2018, 201, 471-480.	9.3	49
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5142	Respiration, microbial biomass and nutrient availability are influenced by previous and current soil water content in plant residue amended soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	3.4	4
5143	Tillage and crop succession effects on soil microbial metabolic activity and carbon utilization in a clay loam soil. <i>European Journal of Soil Biology</i> , 2018, 88, 97-104.	3.2	24
5144	Seasonality alters drivers of soil enzyme activity in subalpine grassland soil undergoing climate change. <i>Soil Biology and Biochemistry</i> , 2018, 124, 266-274.	8.8	13
5145	Soil microbial and chemical properties influenced by continuous cropping of banana. <i>Scientia Agricola</i> , 2018, 75, 420-425.	1.2	18
5146	Greenhouse gas emissions and soil organic matter dynamics in woody crop orchards with different irrigation regimes. <i>Science of the Total Environment</i> , 2018, 644, 1429-1438.	8.0	34
5147	Plants regulate the effects of experimental warming on the soil microbial community in an alpine scrub ecosystem. <i>PLoS ONE</i> , 2018, 13, e0195079.	2.5	9
5148	A Gardener's Influence on Urban Soil Quality. <i>Frontiers in Environmental Science</i> , 0, 6, .	3.3	42
5149	Distinct Nitrogen Provisioning From Organic Amendments in Soil as Influenced by Farming System and Water Regime. <i>Frontiers in Environmental Science</i> , 2018, 6, .	3.3	17
5150	Acacia Changes Microbial Indicators and Increases C and N in Soil Organic Fractions in Intercropped Eucalyptus Plantations. <i>Frontiers in Microbiology</i> , 2018, 9, 655.	3.5	49
5151	Insight Into the Variation of Bacterial Structure in Atrazine-Contaminated Soil Regulating by Potential Phytoremediator: <i>Pennisetum americanum</i> (L.) K. Schum. <i>Frontiers in Microbiology</i> , 2018, 9, 864.	3.5	29
5152	Agronomic and economic benefits of green-waste compost for peri-urban vegetable production: implications for food security. <i>Nutrient Cycling in Agroecosystems</i> , 2018, 111, 155-173.	2.2	18
5153	Changing rainfall frequency affects soil organic carbon concentrations by altering non-labile soil organic carbon concentrations in a tropical monsoon forest. <i>Science of the Total Environment</i> , 2018, 644, 762-769.	8.0	17
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5156	Flow of CO ₂ from soil may not correspond with CO ₂ concentration in soil. <i>Scientific Reports</i> , 2018, 8, 10099.	3.3	9

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5158	Spatial distribution of microbial community composition along a steep slope plot of the Loess Plateau. Applied Soil Ecology, 2018, 130, 226-236.	4.3	22
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5174	Effects of biochar amendment on net greenhouse gas emissions and soil fertility in a double rice cropping system: A 4-year field experiment. Agriculture, Ecosystems and Environment, 2018, 262, 83-96.	5.3	108

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5179	Understanding the enhanced litter decomposition of mixed-species plantations of <i>Eucalyptus</i> and <i>Acacia mangium</i> . <i>Plant and Soil</i> , 2018, 423, 141-155.	3.7	29
5180	Negative effects of climate change on upland grassland productivity and carbon fluxes are not attenuated by nitrogen status. <i>Science of the Total Environment</i> , 2018, 637-638, 398-407.	8.0	13
5181	Influence of summer legume residue recycling and varietal diversification on productivity, energetics, and nutrient dynamics in basmati rice-wheat cropping system of western Indo-Gangetic Plains. <i>Journal of Plant Nutrition</i> , 2018, 41, 1491-1506.	1.9	11
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5186	Soil micro-food web interactions and rhizosphere priming effect. <i>Plant and Soil</i> , 2018, 432, 129-142.	3.7	16
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5198	Response of soil aggregate-associated microbial and nematode communities to tea plantation age. <i>Catena</i> , 2018, 171, 475-484.	5.0	21
5199	Biological processes dominate phosphorus dynamics under low phosphorus availability in organic horizons of temperate forest soils. <i>Soil Biology and Biochemistry</i> , 2018, 126, 64-75.	8.8	52
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5201	Litter chemistry influences earthworm effects on soil carbon loss and microbial carbon acquisition. <i>Soil Biology and Biochemistry</i> , 2018, 123, 105-114.	8.8	21
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5207	Adding worms during composting of organic waste with red mud and fly ash reduces CO ₂ emissions and increases plant available nutrient contents. <i>Journal of Environmental Management</i> , 2018, 222, 207-215.	7.8	34
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5222	Crop residue-derived dissolved organic matter accelerates the decomposition of native soil organic carbon in a temperate agricultural ecosystem. <i>Acta Ecologica Sinica</i> , 2019, 39, 69-76.	1.9	6
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5225	Soil organic carbon storage as a key function of soils - A review of drivers and indicators at various scales. <i>Geoderma</i> , 2019, 333, 149-162.	5.1	944
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5231	Effects of straw management and nitrogen application rate on soil organic matter fractions and microbial properties in North China Plain. <i>Journal of Soils and Sediments</i> , 2019, 19, 618-628.	3.0	42
5232	No difference in ectomycorrhizal morphotype composition between abandoned and inhabited nests of wood ants (<i>Formica polyctena</i>) in a central European spruce forest. <i>Geoderma</i> , 2019, 334, 55-62.	5.1	1
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5238	Dynamic contribution of microbial residues to soil organic matter accumulation influenced by maize straw mulching. <i>Geoderma</i> , 2019, 333, 35-42.	5.1	71
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5244	Enzymatic profiles associated with the evolution of the lignocellulosic fraction during industrial-scale composting of anthropogenic waste: Comparative analysis. <i>Journal of Environmental Management</i> , 2019, 248, 109312.	7.8	15
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5254	Litter quality and site characteristics interact to affect the response of priming effect to temperature in subtropical forests. <i>Functional Ecology</i> , 2019, 33, 2226-2238.	3.6	40
5255	Microbial community responses reduce soil carbon loss in Tibetan alpine grasslands under short-term warming. <i>Global Change Biology</i> , 2019, 25, 3438-3449.	9.5	24
5256	Phosphorus addition accelerates fine root decomposition by stimulating extracellular enzyme activity in a subtropical natural evergreen broad-leaved forest. <i>European Journal of Forest Research</i> , 2019, 138, 917-928.	2.5	8
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5263	Short-term effects of byproduct amendments and lime on physicochemical and microbiological properties of acidic soil from Jiaodong Peninsula of China. <i>Ciencia Rural</i> , 2019, 49, .	0.5	3
5264	Allelopathic effects account for the inhibitory effect of field-pea (<i>Pisum sativum</i> L.) shoots on wheat growth in dense clay subsoils. <i>Biology and Fertility of Soils</i> , 2019, 55, 649-659.	4.3	7

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5268	Restoration thinning impacts surface and belowground wood decomposition. <i>Forest Ecology and Management</i> , 2019, 449, 117451.	3.2	10
5269	Effect of peanut (<i>Arachis hypogaea</i> L.)/cowpea (<i>Vigna unguiculata</i> L.) intercropping combined with organic mature application on soil microfauna. <i>Geoderma</i> , 2019, 354, 113863.	5.1	7
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5273	Health Assessment of Nickel-Contaminated Soils Linked to Chemical and Biological Characteristics. <i>Soil Science Society of America Journal</i> , 2019, 83, 614-623.	2.2	2
5274	Drivers of soil carbon stabilization in oil palm plantations. <i>Land Degradation and Development</i> , 2019, 30, 1904-1915.	3.9	21
5275	Subsoil biogeochemical properties induce shifts in carbon allocation pattern and soil C dynamics in wheat. <i>Plant and Soil</i> , 2019, 442, 369-383.	3.7	9
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5280	The Impacts of Vegetation Types and Soil Properties on Soil Microbial Activity and Metabolic Diversity in Subtropical Forests. <i>Forests</i> , 2019, 10, 497.	2.1	10
5281	Can reduced tillage sustain sugarcane yield and soil carbon if straw is removed?. <i>Bioenergy Research</i> , 2019, 12, 764-777.	3.9	41
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5285	Respiration response to different tillage intensities in transplanted soil columns. <i>Geoderma</i> , 2019, 352, 289-297.	5.1	11
5286	Enhanced soil fertility, plant growth promotion and microbial enzymatic activities of vermicomposted fly ash. <i>Scientific Reports</i> , 2019, 9, 10455.	3.3	36
5287	Microbial Biomass Soil Content and Activity Under Black Alder and Sessile Oak in the Western Black Sea Region of Turkey. <i>International Journal of Environmental Research</i> , 2019, 13, 781-791.	2.3	5
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5291	The effect of biochar with biogas digestate or mineral fertilizer on fertility, aggregation and organic carbon content of a sandy soil: Results of a temperate field experiment. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 824-835.	1.9	18
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5293	Effects of single and repeated drought on soil microarthropods in a semi-arid ecosystem depend more on timing and duration than drought severity. <i>PLoS ONE</i> , 2019, 14, e0219975.	2.5	13
5294	Variation in physicochemical and biochemical soil properties among different plant species treatments early in the restoration of a desertified alpine meadow. <i>Land Degradation and Development</i> , 2019, 30, 1889-1903.	3.9	12
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5424	Warming but Not Nitrogen Addition Alters the Linear Relationship Between Microbial Respiration and Biomass. <i>Frontiers in Microbiology</i> , 2019, 10, 1055.	3.5	13
5425	Fire influences needle decomposition: Tipping point in <i>Pinus radiata</i> carbon chemistry and soil nitrogen transformations. <i>Soil Biology and Biochemistry</i> , 2019, 135, 361-368.	8.8	4
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5435	Growth of lemongrass (<i>Cymbopogon citratus</i> (DC) Stapf) inoculated with arbuscular mycorrhizal fungi (<i>Rhizophagus clarus</i> and <i>Claroideoglomus etunicatum</i>) under contrasting phosphorus levels. <i>Australian Journal of Crop Science</i> , 2019, 13, 266-271.	0.3	10
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5440	Response of maize leaf decomposition in litterbags and soil bags to different tillage intensities in a long-term field trial. <i>Applied Soil Ecology</i> , 2019, 141, 38-44.	4.3	12
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5449	Boron improves productivity and profitability of bread wheat under zero and plough tillage on alkaline calcareous soil. <i>Field Crops Research</i> , 2019, 239, 1-9.	5.1	21
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5629	The application of fresh and composted horse and chicken manure affects soil quality, microbial composition and antibiotic resistance. <i>Applied Soil Ecology</i> , 2019, 135, 73-84.	4.3	80
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5642	The effect of moisture on soil microbial properties and nitrogen cyclers in Mediterranean sweet orange orchards under organic and inorganic fertilization. <i>Science of the Total Environment</i> , 2019, 655, 158-167.	8.0	52
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5651	Controls on mineral-associated organic matter formation in a degraded Oxisol. <i>Geoderma</i> , 2019, 338, 383-392.	5.1	11
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5653	Manure pellet, woodchip and their biochars differently affect wheat yield and carbon dioxide emission from bulk and rhizosphere soils. <i>Science of the Total Environment</i> , 2019, 659, 463-472.	8.0	28
5654	Spatial distribution of microbial biomass and residues across soil aggregate fractions at different elevations in the Central Austrian Alps. <i>Geoderma</i> , 2019, 339, 1-8.	5.1	55
5655	Soil substrates rather than gene abundance dominate DNRA capacity in the <i>Spartina alterniflora</i> ecotones of estuarine and intertidal wetlands. <i>Plant and Soil</i> , 2019, 436, 123-140.	3.7	17
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5657	Shading and intercropping with buffelgrass pasture affect soil biological properties in the Brazilian semi-arid region. <i>Catena</i> , 2019, 175, 236-250.	5.0	7
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5669	Residue decomposition and soil carbon priming in three contrasting soils previously exposed to elevated CO ₂ . <i>Biology and Fertility of Soils</i> , 2019, 55, 17-29.	4.3	10
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5671	Feeding-strategy effect of Pheidole ants on microbial carbon and physicochemical properties in tropical forest soils. <i>Applied Soil Ecology</i> , 2019, 133, 177-185.	4.3	10
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5673	Effects of different fertilizers on residues of oxytetracycline and microbial activity in soil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 161-170.	5.3	16
5674	Interactive effect of salinity and cadmium toxicity on soil microbial properties and enzyme activities. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 221-229.	6.0	51
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5680	Associations of plant functional diversity with carbon accumulation in a temperate forest ecosystem in the Indian Himalayas. <i>Ecological Indicators</i> , 2019, 98, 861-868.	6.3	44
5681	Combined use of millet glume-derived compost and mineral fertilizer enhances soil microbial biomass and pearl millet yields in a low-input millet cropping system in Niger. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 1107-1119.	2.6	14

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5683	Will heterotrophic soil respiration be more sensitive to warming than autotrophic respiration in subtropical forests?. <i>European Journal of Soil Science</i> , 2019, 70, 655-663.	3.9	17
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5686	Soil moisture integrates the influence of land-use and season on soil microbial community composition in the Ethiopian highlands. <i>Applied Soil Ecology</i> , 2019, 135, 85-90.	4.3	34
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5688	Response of anaerobic mineralization of different depths peat carbon to warming on Zoige plateau. <i>Geoderma</i> , 2019, 337, 1218-1226.	5.1	13
5689	Effects of agronomic treatments on functional diversity of soil microbial community and microbial activity in a revegetated coal mine spoil. <i>Geoderma</i> , 2019, 338, 40-47.	5.1	40
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5692	Short-term response of soil respiration to simulated acid rain in <i>Cunninghamia lanceolata</i> and <i>Michelia macclurei</i> plantations. <i>Journal of Soils and Sediments</i> , 2019, 19, 1239-1249.	3.0	12
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5696	Grazing practices affect the soil microbial community composition in a Tibetan alpine meadow. <i>Land Degradation and Development</i> , 2019, 30, 49-59.	3.9	84
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5698	Long-term effects of pig slurry application on selected soil quality parameters and tissue composition of maize in a subhumid subtropical environment. <i>South African Journal of Plant and Soil</i> , 2019, 36, 143-148.	1.1	4
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5702	Determination of EC 50 Values for Cu, Zn, and Cr on Microorganisms Activity in a Mediterranean Sandy Soil. <i>Clean - Soil, Air, Water</i> , 2019, 47, 1700617.	1.1	2
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5704	Impact of rice-husk ash on the soil biophysical and agronomic parameters of wheat crop under a dry tropical ecosystem. <i>Ecological Indicators</i> , 2019, 105, 505-515.	6.3	41
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5706	Biomass, activity and structure of rhizosphere soil microbial community under different metallophytes in a mining site. <i>Plant and Soil</i> , 2019, 434, 245-262.	3.7	23
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5708	Date palm waste biochars alter a soil respiration, microbial biomass carbon, and heavy metal mobility in contaminated mined soil. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1705-1722.	3.4	52
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5712	Short-term effects of different fire severities on soil properties and <i>Pinus halepensis</i> regeneration. <i>Journal of Forestry Research</i> , 2020, 31, 1271-1282.	3.6	14
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5720	Functional diversity and metabolic profile of microbial community of mine soils with different levels of chromium contamination. <i>International Journal of Environmental Health Research</i> , 2020, 30, 461-473.	2.7	9
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5722	Do improved pastures enhance soil quality of cork oak woodlands in the Alentejo region (Portugal)? <i>Agroforestry Systems</i> , 2020, 94, 125-136.	2.0	9
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6181	Biochar amendment increases soil microbial biomass and plant growth and suppresses <i>Fusarium</i> wilt in tomato. <i>Tropical Plant Pathology</i> , 2020, 45, 73-83.	1.5	19
6182	Soil organic carbon turnover following forest restoration in south China: Evidence from stable carbon isotopes. <i>Forest Ecology and Management</i> , 2020, 462, 117988.	3.2	10
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6186	Sustainability Analysis of <i>Prosopis juliflora</i> (Sw.) DC Based Restoration of Degraded Land in North India. <i>Land</i> , 2020, 9, 59.	2.9	38
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6191	Comparative assessment of polymeric and other nanoparticles impacts on soil microbial and biochemical properties. <i>Geoderma</i> , 2020, 367, 114278.	5.1	30
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6233	Long-term deepened snow cover alters litter layer turnover rate in temperate steppes. <i>Functional Ecology</i> , 2020, 34, 1113-1122.	3.6	8
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6257	Soil organic carbon stability under natural and anthropogenic-induced perturbations. <i>Earth-Science Reviews</i> , 2020, 205, 103199.	9.1	39
6258	Temporal change in soil physicochemical, microbial, aggregate and available C characteristic in dry tropical ecosystem. <i>Catena</i> , 2020, 190, 104553.	5.0	23
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6263	Sulfadiazine dissipation in acidic tropical soils. <i>Environmental Science and Pollution Research</i> , 2020, 27, 21243-21251.	5.3	4
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6275	Structural and microbial evidence for different soil carbon sequestration after four-year successive biochar application in two different paddy soils. <i>Chemosphere</i> , 2020, 254, 126881.	8.2	21
6276	Responses of soil quality indicators to innovative and traditional thinning in a beech (<i>Fagus sylvatica</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	3.2	11
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6284	Biogeochemical controls on nitrogen transformations in subtropical estuarine wetlands. <i>Environmental Pollution</i> , 2020, 263, 114379.	7.5	25
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6291	Changes in soil organic carbon and aggregate stability following a chronosequence of <i>Liriodendron chinense</i> plantations. <i>Journal of Forestry Research</i> , 2021, 32, 355-362.	3.6	24
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6861	Biochar aging alters the bioavailability of cadmium and microbial activity in acid contaminated soils. <i>Journal of Hazardous Materials</i> , 2021, 420, 126666.	12.4	24
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8028	Direct and plant community mediated effects of management intensity on annual nutrient leaching risk in temperate grasslands. <i>Nutrient Cycling in Agroecosystems</i> , 2022, 123, 83-104.	2.2	6
8029	Impact of Long Term Nutrient Management on Soil Quality Indices in Rice-Wheat System of Lower Indo-Gangetic Plain. <i>Sustainability</i> , 2022, 14, 6533.	3.2	2
8030	Microbial functional diversity in rhizosphere and non-rhizosphere soil of different dominant species in a vegetation concrete slope. <i>Biotechnology and Biotechnological Equipment</i> , 2022, 36, 379-388.	1.3	7
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8034	Climate-induced shifts in composition and protection regulate temperature sensitivity of carbon decomposition through soil profile. <i>Soil Biology and Biochemistry</i> , 2022, 172, 108743.	8.8	14
8035	Repeated litter inputs promoted stable soil organic carbon formation by increasing fungal dominance and carbon use efficiency. <i>Biology and Fertility of Soils</i> , 2022, 58, 619-631.	4.3	19
8036	Microplastic additions alter soil organic matter stability and bacterial community under varying temperature in two contrasting soils. <i>Science of the Total Environment</i> , 2022, 838, 156471.	8.0	40
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8159	Variations of rhizosphere and bulk soil microbial community in successive planting of Chinese fir (<i>Cunninghamia lanceolata</i>). <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	1
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8166	Land-use-driven change in soil labile carbon affects microbial community composition and function. <i>Geoderma</i> , 2022, 426, 116056.	5.1	11
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8785	Root exudation of organic acid anions and recruitment of beneficial actinobacteria facilitate phosphorus uptake by maize in compacted silt loam soil. <i>Soil Biology and Biochemistry</i> , 2023, 184, 109074.	8.8	7
8786	Towards defining soil quality of Mediterranean calcareous agricultural soils: Reference values and potential core indicator set. <i>International Soil and Water Conservation Research</i> , 2023, , .	6.5	2
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8792	Differential temperature sensitivity of intracellular metabolic processes and extracellular soil enzyme activities. <i>Biogeosciences</i> , 2023, 20, 2207-2219.	3.3	0
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8794	Soil enzymatic activity in Brazilian biomes under native vegetation and contrasting cropping and management. <i>Applied Soil Ecology</i> , 2023, 190, 105014.	4.3	3
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8800	Fine root litter quality regulates soil carbon storage efficiency in subtropical forest soils. <i>Soil Ecology Letters</i> , 2023, 5, .	4.5	3
8801	Biochar particle size coupled with biofertilizer enhances soil carbon-nitrogen microbial pools and CO ₂ sequestration in lentil. <i>Frontiers in Environmental Science</i> , 0, 11, .	3.3	1
8802	Microbial fertilizer regulates C:N:P stoichiometry and alleviates phosphorus limitation in flue-cured tobacco planting soil. <i>Scientific Reports</i> , 2023, 13, .	3.3	1
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8809	The implication from six years of field experiment: the aging process induced lower rice production even with a high amount of biochar application. <i>Biochar</i> , 2023, 5, .	12.6	1
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8811	Impact of Water Shortage on Soil and Plant Attributes in the Presence of Arbuscular Mycorrhizal Fungi from a Harsh Environment. <i>Microorganisms</i> , 2023, 11, 1144.	3.6	1
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8817	Impact of organic and integrated production systems on yield and seed quality of rainfed crops and on soil properties. <i>Frontiers in Nutrition</i> , 0, 10, .	3.7	4
8818	Soil microbial communities are sensitive to differences in fertilization intensity in organic and conventional farming systems. <i>FEMS Microbiology Ecology</i> , 2023, 99, .	2.7	2
8819	Soil respiration in response to biotic and abiotic factors under different mulching measures on rain-fed farmland. <i>Soil and Tillage Research</i> , 2023, 232, 105749.	5.6	3
8820	Effects of amendments on carbon and nitrogen fractions in agricultural soils of Yellow River Delta. <i>Geoscience Letters</i> , 2023, 10, .	3.3	1
8821	The multi-year effect of different agroecological practices on soil nematodes and soil respiration. <i>Plant and Soil</i> , 2023, 490, 109-124.	3.7	2
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8825	Long-term evolution of shrub prescribed burning effects on topsoil organic matter and biological activity in the Central Pyrenees (NE-Spain). <i>Science of the Total Environment</i> , 2023, 888, 163994.	8.0	2
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8836	Combined Application of Biochar and Pruned Tea Plant Litter Benefits Nitrogen Availability for Tea and Alters Microbial Community Structure. <i>Agronomy</i> , 2023, 13, 1465.	3.0	1

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8839	The impacts of soil tillage combined with plastic film management practices on soil quality, carbon footprint, and peanut yield. <i>European Journal of Agronomy</i> , 2023, 148, 126881.	4.1	3
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8846	Effect of Litter Removal and Addition on Root Exudation and Associated Microbial N Transformation in a <i>Pinus massoniana</i> Plantation. <i>Forests</i> , 2023, 14, 1305.	2.1	0
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8852	Revisiting soil microbial biomass: Considering changes in composition with growth rate. <i>Soil Biology and Biochemistry</i> , 2023, 184, 109103.	8.8	1
8853	Evaluation of Buffel Grass Forage Production, Soil Microbial Biomass, and Enzymatic Activity in Silvopastoral Systems. <i>Rangeland Ecology and Management</i> , 2023, 90, 56-63.	2.3	0
8854	Effect of Wheat Straw Addition on Organic Carbon Mineralisation and Bacterial Community in Orchard Soil. <i>Journal of Soil Science and Plant Nutrition</i> , 0, , .	3.4	0
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8858	Fast labile carbon and litter exhaustion under no-tillage after 5-year soil warming. <i>Catena</i> , 2023, 231, 107337.	5.0	0
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8861	Alternate micro-sprinkler irrigation and organic fertilization decreases root rot and promotes root growth of <i>Panax notoginseng</i> by improving soil environment and microbial structure in rhizosphere soil. <i>Industrial Crops and Products</i> , 2023, 202, 117091.	5.2	3
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8867	Vegetation transition from meadow to forest reduces priming effect on SOM decomposition. <i>Soil Biology and Biochemistry</i> , 2023, 184, 109123.	8.8	1
8868	Understanding how conservation tillage promotes soil carbon accumulation: Insights into extracellular enzyme activities and carbon flows between aggregate fractions. <i>Science of the Total Environment</i> , 2023, 897, 165408.	8.0	5
8869	Mitigation of the Ratio of Soil Dissolved Organic Carbon to Available Phosphorus Effectively Improves Crop Productivity under Mulching Measures on the Loess Plateau. <i>Agronomy</i> , 2023, 13, 1810.	3.0	0
8870	The role of blue carbon stocks becomes more labile with mangrove development. <i>Ecological Indicators</i> , 2023, 154, 110634.	6.3	2
8871	Microbial carbon functional responses to compaction and moisture stresses in two contrasting Australian soils. <i>Soil and Tillage Research</i> , 2023, 234, 105825.	5.6	5
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8873	Tree roots exert greater impacts on phosphorus fractions than aboveground litter in mineral soils under a <i>Pinus sylvestris</i> var. <i>mongolica</i> plantation. <i>Forest Ecology and Management</i> , 2023, 545, 121242.	3.2	3
8874	Effect of Stand Density on Soil Organic Carbon Storage and Extracellular Enzymes Activity of Larch Plantation in Northeast China. <i>Forests</i> , 2023, 14, 1412.	2.1	0
8875	Short-term responses of soil organic carbon and chemical composition of particle-associated organic carbon to anaerobic soil disinfestation in degraded greenhouse soils. <i>Land Degradation and Development</i> , 0, , .	3.9	0
8876	Effects of straw and plastic film mulching on microbial functional genes involved in soil nitrogen cycling. <i>Frontiers in Microbiology</i> , 0, 14, .	3.5	2

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8879	Soil Quality Assessment in Response to Water Erosion and Mining Activity. <i>Agriculture (Switzerland)</i> , 2023, 13, 1380.	3.1	1
8880	Tree-ring N isotopic ratio increased with increasing latitude and decreasing N availability in pine stands across Finland. <i>Ecological Indicators</i> , 2023, 154, 110604.	6.3	0
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8892	Biochar application promotes crops yield through regulating root development and the community structure of root endophytic fungi in wheat-maize rotation. <i>Soil and Tillage Research</i> , 2023, 234, 105827.	5.6	6
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8894	Dolomitic limestone was more effective than calcitic limestone in increasing soil pH in an untilld olive orchard. <i>Soil Use and Management</i> , 2023, 39, 1437-1452.	4.9	1
8895	Enzyme activities and heavy metal interactions in calcareous soils under different land uses. <i>International Journal of Phytoremediation</i> , 0, , 1-14.	3.1	1
8896	Characterization of Soil Microbial Biomass Carbon and Nitrogen in Four Forest Types of Shushan Urban Forest Park. <i>Forests</i> , 2023, 14, 1498.	2.1	2
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8899	Effects of maize straw and root stubble return on degradation and fractions of PAHs in contaminated soils. <i>Journal of Soils and Sediments</i> , 0, , .	3.0	1
8900	Effect of rate and source of phosphorus application on soil organic carbon pools under rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2	2
8901	Substrate availability reconciles the contrasting temperature response of SOC mineralization in different soil profiles. <i>Journal of Soils and Sediments</i> , 0, , .	3.0	0
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8903	Water and Nitrogen Coupling on the Regulation of Soil Nutrientâ€“Microbial Biomass Balance and Its Effect on the Yield of Wolfberry (<i>Lycium barbarum</i> L.). <i>Plants</i> , 2023, 12, 2768.	3.5	0
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8906	Microbial, physical and chemical indicators together reveal soil health changes related to land cover types in the southern European sites under desertification risk. <i>Pedobiologia</i> , 2023, 99-100, 150894.	1.2	0
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8908	Assessing changes in soil quality indicators, turmeric (<i>Curcuma longa</i> L.) yield, and monetary returns under different years of organic nutrient management. <i>Organic Agriculture</i> , 0, , .	2.4	0
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8917	Assembly and co-occurrence patterns of rhizosphere bacterial communities are closely linked to soil fertility during continuous cropping of cut chrysanthemum (<i>Chrysanthemum morifolium</i>) Tj ETQq0 0 0 rgBT30 Overlock110 Tf 50 7		
8918	Agronomic and environmental aspects of organo-mineral fertilizers produced with a by-product of the intermediate process of tanning. <i>Frontiers in Agronomy</i> , 0, 5, .	3.3	0
8919	Legume-based crop diversification reinforces soil health and carbon storage driven by microbial biomass and aggregates. <i>Soil and Tillage Research</i> , 2023, 234, 105848.	5.6	4
8920	Linking plant traits to rhizosphere priming effects across six grassland species with and without nitrogen fertilization. <i>Soil Biology and Biochemistry</i> , 2023, 185, 109144.	8.8	1
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8923	Long-term effect of manuring-fertilization on nutrients availability and yield under rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502		
8924	Soil Health Assessment to Evaluate Conservation Practices in SemiArid Cotton Systems at Producer Site Scale. <i>Soil Systems</i> , 2023, 7, 72.	2.6	3
8925	Multiple soil quality assessment methods for evaluating effects of organic fertilization in wheat-maize rotation system. <i>European Journal of Agronomy</i> , 2023, 150, 126929.	4.1	1
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8928	Ligneous amendments increase soil organic carbon content in fine-textured boreal soils and modulate N2O emissions. <i>PLoS ONE</i> , 2023, 18, e0284092.	2.5	1
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8930	<i>Crotalaria juncea</i> L. enhances the bioremediation of sulfentrazone-contaminated soil and promotes changes in the soil bacterial community. <i>Brazilian Journal of Microbiology</i> , 0, , .	2.0	0
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8933	Intercropping Peanut under Forests Can Reduce Soil N2O Emissions in Karst Desertification Control. <i>Forests</i> , 2023, 14, 1652.	2.1	2
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8937	Responses of soil CO2 efflux and microbial activity to water deficit under conventional and adaptation technology. <i>Soil and Tillage Research</i> , 2023, 234, 105856.	5.6	0
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9397	Nonsignificant elevational trends of soil microbial respiration and temperature sensitivity in a subtropical forest. <i>Ecosphere</i> , 2024, 15, .	2.2	0
9398	Soil carbon storage and accessibility drive microbial carbon use efficiency by regulating microbial diversity and key taxa in intercropping ecosystems. <i>Biology and Fertility of Soils</i> , 2024, 60, 437-453.	4.3	0
9399	Prolonged drought moderates flood effects on soil nutrient pools across a rainfall gradient. <i>Soil Biology and Biochemistry</i> , 2024, 193, 109404.	8.8	0
9400	A hitchhikerâ€™s guide: estimates of microbial biomass and microbial gene abundance in soil. <i>Biology and Fertility of Soils</i> , 2024, 60, 457-470.	4.3	0
9401	Beyond growth: The significance of non-growth anabolism for microbial carbon-use efficiency in the light of soil carbon stabilisation. <i>Soil Biology and Biochemistry</i> , 2024, 193, 109400.	8.8	0
9402	Assembly processes of rare and abundant taxa are closely related to the bacterial and fungal functionality during desert vegetation reestablishment. <i>Pedosphere</i> , 2024, , .	4.0	0
9403	Comparative analysis of soil quality and enzymatic activities under different tillage based nutrient management practices in soybeanâ€“wheat cropping sequence in Vertisols. <i>Scientific Reports</i> , 2024, 14, .	3.3	0
9404	Characterisation of peat-free growing media to facilitate the transition to peat-free horticulture. <i>Acta Horticulturae</i> , 2024, , 153-162.	0.2	0
9405	Influence of Green Manure Rapes Returning and Biochar Application on Soil Carbon and Nitrogen Statuts of Newly Built Green Houses. <i>Journal of Soil Science and Plant Nutrition</i> , 0, , .	3.4	0
9406	Immobilisation of anaerobic digestate supplied nitrogen into soil microbial biomass is dependent on lability of high organic carbon materials additives. <i>Frontiers in Sustainable Food Systems</i> , 0, 8, .	3.9	0
9407	Integrating pastured meat chickens into organic vegetable production increased nitrogen and microbial biomass with variability in presence of <i>E. coli</i> and <i>Salmonella spp</i> . <i>Renewable Agriculture and Food Systems</i> , 2024, 39, .	1.8	0
9408	Differential effects of winter cold stress on soil bacterial communities, metabolites, and physicochemical properties in two varieties of <i>Tetrastigma hemsleyanum</i> Diels & Gilg in reclaimed land. <i>Microbiology Spectrum</i> , 2024, 12, .	3.0	0
9409	Traditional Yerba Mate Agroforestry Systems in Araucaria Forest in Southern Brazil Improve the Provisioning of Soil Ecosystem Services. <i>Conservation</i> , 2024, 4, 115-138.	1.7	0
9410	Long-term raw crop residue but not burned residue incorporation improved soil multifunctionality in semi-arid agroecosystems. <i>Soil and Tillage Research</i> , 2024, 240, 106073.	5.6	0
9411	Substitution of Inorganic Nitrogen with Organic Amendments for Improvement of Soil Properties, Microbial Community, and Enzymatic Activity in Maize-Wheat Cropping System Under Sub-temperate Ecology. <i>Journal of Soil Science and Plant Nutrition</i> , 0, , .	3.4	0
9412	Distinct changes in soil organic matter quality, quantity and biochemical composition in response to land-use change to diverse cropping systems and agroforestry in north-western India. <i>Agroforestry Systems</i> , 2024, 98, 1049-1073.	2.0	0
9413	Soil Quality Evaluation in Mono and Mixed Eucalypt Plantation. <i>Sustainability</i> , 2024, 16, 2534.	3.2	0
9414	Assessment of the Change in Soil Properties and Aggregates Formation of Freshly Restored Texturally Different Marginally Salt-Affected Soils Under Various Soil Amelioration Strategies. <i>Communications in Soil Science and Plant Analysis</i> , 2024, 55, 1714-1732.	1.4	0