

pH regulation of carbon and nitrogen dynamics in two a

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Earthworms as vectors of <i>Escherichia coli</i> O157:H7 in soil and vermicomposts. <i>FEMS Microbiology Ecology</i> , 2006, 58, 54-64.	1.3	45
2	Changes in soil biological activities under reduced soil pH during <i>Thlaspi caerulescens</i> phytoextraction. <i>Soil Biology and Biochemistry</i> , 2006, 38, 1451-1461.	4.2	83
3	Effect of different application rates of organic fertilizer on soil enzyme activity and microbial population. <i>Soil Science and Plant Nutrition</i> , 2007, 53, 132-140.	0.8	251
4	Carbon losses from soil and its consequences for land-use management. <i>Science of the Total Environment</i> , 2007, 382, 165-190.	3.9	257
5	Soil microbial biomass and activity in Chinese tea gardens of varying stand age and productivity. <i>Soil Biology and Biochemistry</i> , 2007, 39, 1468-1478.	4.2	122
6	Increase in pH stimulates mineralization of "native" organic carbon and nitrogen in naturally salt-affected sandy soils. <i>Plant and Soil</i> , 2007, 290, 269-282.	1.8	43
7	Impacts of urea N addition on soil microbial community in a semi-arid temperate steppe in northern China. <i>Plant and Soil</i> , 2008, 311, 19-28.	1.8	134
8	Regulation of amino acid biodegradation in soil as affected by depth. <i>Biology and Fertility of Soils</i> , 2008, 44, 933-941.	2.3	34
9	Long-Term Trends in Stream Nitrate Concentrations and Losses Across Watersheds Undergoing Recovery from Acidification in the Czech Republic. <i>Ecosystems</i> , 2008, 11, 410-425.	1.6	61
10	Effect of different types of organic fertilizers on the chemical properties and enzymatic activities of an Oxisol under intensive cultivation of vegetables for 4 years. <i>Soil Science and Plant Nutrition</i> , 2008, 54, 587-599.	0.8	39
11	Impeded drainage stimulates extracellular phenol oxidase activity in riparian peat cores. <i>Soil Use and Management</i> , 2008, 24, 357-365.	2.6	27
12	The influence of soil pH on the diversity, abundance and transcriptional activity of ammonia oxidizing archaea and bacteria. <i>Environmental Microbiology</i> , 2008, 10, 2966-2978.	1.8	1,104
13	Nitrogen mineralisation along a pH gradient of a silty loam UK soil. <i>Soil Biology and Biochemistry</i> , 2008, 40, 797-802.	4.2	94
14	Production of carbon dioxide and nitrous oxide in alkaline saline soil of Texcoco at different water contents amended with urea: A laboratory study. <i>Soil Biology and Biochemistry</i> , 2008, 40, 1813-1822.	4.2	48
15	Relationships between soil pH and microbial properties in a UK arable soil. <i>Soil Biology and Biochemistry</i> , 2008, 40, 1856-1861.	4.2	420
16	Direct experimental evidence for the contribution of lime to CO <sub>2</sub> release from managed peat soil. <i>Soil Biology and Biochemistry</i> , 2008, 40, 2660-2669.	4.2	83
17	Investigation of Aluminum-tolerant Species in Acid Soils of South China. <i>Communications in Soil Science and Plant Analysis</i> , 2008, 39, 1493-1506.	0.6	15
18	Nitrification and inorganic nitrogen distribution in a large perturbed river/estuarine system: the Pearl River Estuary, China. <i>Biogeosciences</i> , 2008, 5, 1227-1244.	1.3	197

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19	Relationships among indicators of soil acidity. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2009, 59, 475-480.	0.3	0
20	Extractable and dissolved soil organic nitrogen – A quantitative assessment. <i>Soil Biology and Biochemistry</i> , 2009, 41, 1029-1039.	4.2	106
21	Controls on inorganic N species transformations and potential leaching in freely drained sub-soils of heavily N-impacted acid grassland. <i>Biogeochemistry</i> , 2009, 92, 263-279.	1.7	7
22	Quantification of proton budgets in soils of cropland and adjacent forest in Thailand and Indonesia. <i>Plant and Soil</i> , 2009, 316, 241-255.	1.8	46
23	Bacterial community structure of glacier forefields on siliceous and calcareous bedrock. <i>European Journal of Soil Science</i> , 2009, 60, 860-870.	1.8	69
24	Carbon and nitrogen mineralization of sewage sludge compost in soils with a different initial pH. <i>Soil Science and Plant Nutrition</i> , 2009, 55, 715-724.	0.8	37
25	Microbial properties of rhizosphere soils as affected by rotation, grafting, and soil sterilization in intensive vegetable production systems. <i>Scientia Horticulturae</i> , 2009, 123, 139-147.	1.7	38
26	Contrasting Soil pH Effects on Fungal and Bacterial Growth Suggest Functional Redundancy in Carbon Mineralization. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1589-1596.	1.4	1,280
27	Processes and magnitude of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O fluxes from liming of Australian acidic soils: a review. <i>Soil Research</i> , 2009, 47, 747.	0.6	49
28	Sheep camping influences soil properties and pasture production in an acidic soil of New South Wales, Australia. <i>Canadian Journal of Soil Science</i> , 2009, 89, 235-244.	0.5	7
29	Effects of buckwheat growth on variation of aluminum and major metals in root-zone soil solutions. <i>Journal of Plant Nutrition and Soil Science</i> , 2010, 173, 788-794.	1.1	6
30	Impacts of extensive grazing and abandonment on grassland soils and productivity. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 476-482.	2.5	17
31	Changing pH shifts the microbial sources as well as the magnitude of N <sub>2</sub> O emission from soil. <i>Biology and Fertility of Soils</i> , 2010, 46, 793-805.	2.3	176
32	Effect of monospecific and mixed <i>Cunninghamia lanceolata</i> plantations on microbial community and two functional genes involved in nitrogen cycling. <i>Plant and Soil</i> , 2010, 327, 413-428.	1.8	29
33	Higher rates of nitrogen fertilization decrease soil enzyme activities, microbial functional diversity and nitrification capacity in a Chinese polytunnel greenhouse vegetable land. <i>Plant and Soil</i> , 2010, 337, 137-150.	1.8	128
34	Fate of <sup>14</sup> C-triclocarban in biosolids-amended soils. <i>Science of the Total Environment</i> , 2010, 408, 2726-2732.	3.9	27
35	Conversion of Wheat–Maize to Vegetable Cropping Systems Changes Soil Organic Matter Characteristics. <i>Soil Science Society of America Journal</i> , 2010, 74, 1320-1326.	1.2	29
36	Responses of soil respiration to elevated carbon dioxide and nitrogen addition in young subtropical forest ecosystems in China. <i>Biogeosciences</i> , 2010, 7, 315-328.	1.3	100

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37	Microbial community structure of vineyard soils with different pH and copper content. <i>Applied Soil Ecology</i> , 2010, 46, 276-282.	2.1	66
39	Emission of greenhouse gases from an agricultural soil amended with urea: A laboratory study. <i>Applied Soil Ecology</i> , 2011, 47, 92-97.	2.1	35
40	Emission of nitrous oxide and carbon dioxide and dynamics of mineral N in wastewater sludge, vermicompost or inorganic fertilizer amended soil at different water contents: A laboratory study. <i>Applied Soil Ecology</i> , 2011, 49, 263-267.	2.1	12
41	Sustainable agriculture: A case study of a small Lopez Island farm. <i>Agricultural Systems</i> , 2011, 104, 572-579.	3.2	16
42	Factors controlling dissolved organic carbon (DOC), dissolved organic nitrogen (DON) and DOC/DON ratio in arable soils based on a dataset from Hungary. <i>Geoderma</i> , 2011, 162, 312-318.	2.3	89
43	Simulation of soil organic carbon dynamics under different pasture managements using the RothC carbon model. <i>Geoderma</i> , 2011, 165, 69-77.	2.3	28
44	Cultivation of beans ( <i>Phaseolus vulgaris</i> L.) in limed or unlimed wastewater sludge, vermicompost or inorganic amended soil. <i>Scientia Horticulturae</i> , 2011, 128, 380-387.	1.7	24
45	The bacterial biogeography of British soils. <i>Environmental Microbiology</i> , 2011, 13, 1642-1654.	1.8	753
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47	The impact of different soil parameters on the community structure of dominant bacteria from nine different soils located on Livingston Island, South Shetland Archipelago, Antarctica. <i>FEMS Microbiology Ecology</i> , 2011, 76, 476-491.	1.3	107
48	Bacterial pH-optima for growth track soil pH, but are higher than expected at low pH. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1569-1575.	4.2	59
49	Relationships among main soil properties and three N availability indices. <i>Plant and Soil</i> , 2011, 339, 193-208.	1.8	13
50	Model organic compounds differ in their effects on pH changes of two soils differing in initial pH. <i>Biology and Fertility of Soils</i> , 2011, 47, 51-62.	2.3	62
51	Influence of aerobic and anaerobic conditions on survival of <i>Escherichia coli</i> O157:H7 and <i>Salmonella enterica</i> serovar Typhimurium in Luria-Bertani broth, farm-yard manure and slurry. <i>Journal of Environmental Management</i> , 2011, 92, 780-787.	3.8	58
52	Long term nitrogen fertilization: Soil property changes in an Argentinean Pampas soil under no tillage. <i>Soil and Tillage Research</i> , 2011, 114, 117-126.	2.6	51
53	Carbon and Nitrogen Dynamics in an Oxisol as Affected by Liming and Crop Residues under No-Till. <i>Soil Science Society of America Journal</i> , 2011, 75, 1723-1730.	1.2	31
54	Soil microbial community structure and microbial activities in the root zone of <i>Nothapodytes nimmoniana</i> . <i>Soil Science and Plant Nutrition</i> , 2012, 58, 479-491.	0.8	0
55	Effects of an experimental fire and post-fire stabilization treatments on soil microbial communities. <i>Geoderma</i> , 2012, 191, 51-60.	2.3	92

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57	Use of crop residues with alkaline slag to ameliorate soil acidity in an Ultisol. <i>Soil Use and Management</i> , 2012, 28, 148-156.	2.6	16
58	Responses of soil dissolved organic matter to long-term plantations of three coniferous tree species. <i>Geoderma</i> , 2012, 170, 136-143.	2.3	29
59	Effects of land use intensity on dissolved organic carbon properties and microbial community structure. <i>European Journal of Soil Biology</i> , 2012, 52, 67-72.	1.4	54
60	Impacts of altitude and position on the rates of soil nitrogen mineralization and nitrification in alpine meadows on the eastern Qinghai-Tibetan Plateau, China. <i>Biology and Fertility of Soils</i> , 2012, 48, 393-400.	2.3	68
61	Distribution and diversity of archaeal communities in selected Chinese soils. <i>FEMS Microbiology Ecology</i> , 2012, 80, 146-158.	1.3	91
62	Soil carbon sequestration during the establishment phase of <i>Miscanthus giganteus</i> : a regional-scale study on commercial farms using <sup>13</sup> C natural abundance. <i>GCB Bioenergy</i> , 2012, 4, 453-461.	2.5	62
63	Dissolved organic carbon (DOC) concentrations in UK soils and the influence of soil, vegetation type and seasonality. <i>Science of the Total Environment</i> , 2012, 427-428, 269-276.	3.9	52
64	Microbial processes controlling P availability in forest spodosols as affected by soil depth and soil properties. <i>Soil Biology and Biochemistry</i> , 2012, 44, 39-48.	4.2	74
65	Effects of land management on CO <sub>2</sub> flux and soil C stock in two Tanzanian croplands with contrasting soil texture. <i>Soil Biology and Biochemistry</i> , 2012, 46, 1-9.	4.2	44
66	Model organic compounds differ in priming effects on alkalinity release in soils through carbon and nitrogen mineralisation. <i>Soil Biology and Biochemistry</i> , 2012, 51, 35-43.	4.2	54
67	Dynamics of soil carbon to nitrogen ratio changes under long-term fertilizer addition in wheat-corn double cropping systems of China. <i>European Journal of Soil Science</i> , 2012, 63, 341-350.	1.8	23
68	Bracken fern ( <i>Pteridium aquilinum</i> L. kuhn) promotes an open nitrogen cycle in heathland soils. <i>Plant and Soil</i> , 2013, 367, 521-534.	1.8	22
69	The contribution of crop residues to changes in soil pH under field conditions. <i>Plant and Soil</i> , 2013, 366, 185-198.	1.8	112
70	Environmental significance of magnetic properties of Gley soils near Rosslau (Germany). <i>Environmental Earth Sciences</i> , 2013, 69, 1719-1732.	1.3	14
71	The relative impact of land use and soil properties on sizes and turnover rates of soil organic carbon pools in subtropical China. <i>Soil Use and Management</i> , 2013, 29, 510-518.	2.6	17
72	Iron oxidation stimulates organic matter decomposition in humid tropical forest soils. <i>Global Change Biology</i> , 2013, 19, 2804-2813.	4.2	208
73	Nitrogen availability and indirect measurements of greenhouse gas emissions from aerobic and anaerobic biowaste digestates applied to agricultural soils. <i>Waste Management</i> , 2013, 33, 2641-2652.	3.7	39

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74	Soil organic carbon contributes to alkalinity priming induced by added organic substrates. <i>Soil Biology and Biochemistry</i> , 2013, 65, 217-226.	4.2	16
75	Differences in carbon and nitrogen mineralization in soils of differing initial pH induced by electrokinesis and receiving crop residue amendments. <i>Soil Biology and Biochemistry</i> , 2013, 67, 70-84.	4.2	58
76	Soil pH has contrasting effects on gross and net nitrogen mineralizations in adjacent forest and grassland soils in central Alberta, Canada. <i>Soil Biology and Biochemistry</i> , 2013, 57, 848-857.	4.2	162
77	Bioremediation of Phenanthrene by <i>Mycoplana</i> sp. MVMB2 Isolated from Contaminated Soil. <i>Clean - Soil, Air, Water</i> , 2013, 41, 86-93.	0.7	9
78	Combined Use of Alkaline Slag and Rapeseed Cake to Ameliorate Soil Acidity in an Acid Tea Garden Soil. <i>Pedosphere</i> , 2013, 23, 177-184.	2.1	14
79	pH and substrate regulation of nitrogen and carbon dynamics in forest soils in a karst region of the upper Yangtze River basin, China. <i>Journal of Forest Research</i> , 2013, 18, 228-237.	0.7	10
80	Diversity and plant growth promoting evaluation abilities of bacteria isolated from sugarcane cultivated in the South of Brazil. <i>Applied Soil Ecology</i> , 2013, 63, 94-104.	2.1	141
81	Fluxes of dissolved organic carbon and nitrogen in cropland and adjacent forests in a clay-rich Ultisol of Thailand and a sandy Ultisol of Indonesia. <i>Soil and Tillage Research</i> , 2013, 126, 267-275.	2.6	17
82	Microbial community structure and functioning along metal pollution gradients. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1992-2002.	2.2	102
83	Properties of soils in the Swedish long-term fertility experiments: VII. Changes in topsoil and upper subsoil at Årja and Fors after 50 years of nitrogen fertilization and manure application. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2013, 63, 25-36.	0.3	27
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85	Soil carbon, nitrogen and phosphorus distribution in grassland systems, important for landscape and environment. <i>Journal of Environmental Engineering and Landscape Management</i> , 2013, 21, 263-272.	0.4	3
86	Impact of Topography, Annual Burning, and Nitrogen Addition on Soil Microbial Communities in a Semiarid Grassland. <i>Soil Science Society of America Journal</i> , 2013, 77, 1214-1224.	1.2	13
87	Enhancement of Carbon Sequestration in Soil in the Temperature Grasslands of Northern China by Addition of Nitrogen and Phosphorus. <i>PLoS ONE</i> , 2013, 8, e77241.	1.1	18
88	Effets des cultures de soja ( <i>Glycine max</i> ) et de niébé ( <i>Vigna unguiculata</i> ) sur la densité apparente et la teneur en eau des sols et sur la productivité du riz pluvial de plateau sur ferralsol hyperdystrique. <i>International Journal of Biological and Chemical Sciences</i> , 2013, 7, 47.	0.1	0
89	The carbon footprint of UK sheep production: current knowledge and opportunities for reduction in temperate zones. <i>Journal of Agricultural Science</i> , 2014, 152, 288-308.	0.6	12
90	Seasonal dynamics of dissolved organic carbon, nitrogen and other nutrients in soil of <i>Pinus massoniana</i> stands after pine wilt disease disturbance. <i>Journal of Soil Science and Plant Nutrition</i> , 2014, , 0-0.	1.7	8
91	Excessive use of nitrogen in Chinese agriculture results in high $\frac{N_2O}{N_2O+N_2}$ product ratio of denitrification, primarily due to acidification of the soils. <i>Global Change Biology</i> , 2014, 20, 1685-1698.	4.2	193

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92	Effects of long-term treatments of different organic fertilizers complemented with chemical N fertilizer on the chemical and biological properties of soils. <i>Soil Science and Plant Nutrition</i> , 2014, 60, 499-511.	0.8	32
93	Effect of long-term different fertilization on bacterial community structures and diversity in citrus orchard soil of volcanic ash. <i>Journal of Microbiology</i> , 2014, 52, 995-1001.	1.3	33
94	Variation of Potential Nitrification and Ammonia-Oxidizing Bacterial Community with Plant-Growing Period in Apple Orchard Soil. <i>Journal of Integrative Agriculture</i> , 2014, 13, 415-425.	1.7	5
95	Genus-wide acid tolerance accounts for the biogeographical distribution of soil <i>Burkholderia</i> populations. <i>Environmental Microbiology</i> , 2014, 16, 1503-1512.	1.8	105
96	Modeling the contribution of abiotic exchange to CO <sub>2</sub> flux in alkaline soils of arid areas. <i>Journal of Arid Land</i> , 2014, 6, 27-36.	0.9	13
97	Organic anion-to-acid ratio influences pH change of soils differing in initial pH. <i>Journal of Soils and Sediments</i> , 2014, 14, 407-414.	1.5	44
98	Increased bioavailability of metals in two contrasting agricultural soils treated with waste wood-derived biochar and ash. <i>Environmental Science and Pollution Research</i> , 2014, 21, 3230-3240.	2.7	68
99	Soil Carbon. , 2014, , .		27
100	pH, nitrogen mineralization, and KCl-extractable aluminum as affected by initial soil pH and rate of vetch residue application: results from a laboratory study. <i>Journal of Soils and Sediments</i> , 2014, 14, 1513-1525.	1.5	24
101	Assessment of ecological diversity of rhizobacterial communities in vermicompost and analysis of their potential to improve plant growth. <i>Biologia (Poland)</i> , 2014, 69, 968-976.	0.8	13
102	pH-dominated niche segregation of ammonia-oxidising microorganisms in Chinese agricultural soils. <i>FEMS Microbiology Ecology</i> , 2014, 90, 290-299.	1.3	72
103	Effects of climatic and soil properties on cellulose decomposition rates in temperate and tropical forests. <i>Biology and Fertility of Soils</i> , 2014, 50, 633-643.	2.3	29
104	Temperature dependence of gross N transformation rates in two Chinese paddy soils under aerobic condition. <i>Biology and Fertility of Soils</i> , 2014, 50, 949-959.	2.3	19
105	Enhancing the regeneration of compacted forest soils by planting black alder in skid lane tracks. <i>European Journal of Forest Research</i> , 2014, 133, 453-465.	1.1	27
106	Soil substrate utilization pattern and relation of functional evenness of plant groups and soil microbial community in five low mountain NATURA 2000. <i>Plant and Soil</i> , 2014, 383, 275-289.	1.8	16
107	Is xylem sap calcium responsible for reducing stomatal conductance after soil liming?. <i>Plant and Soil</i> , 2014, 382, 349-356.	1.8	6
108	Can soil respiration estimate neglect the contribution of abiotic exchange?. <i>Journal of Arid Land</i> , 2014, 6, 129-135.	0.9	14
109	Organic capping type affected nitrogen availability and associated enzyme activities in reconstructed oil sands soils in Alberta, Canada. <i>Ecological Engineering</i> , 2014, 73, 92-101.	1.6	26

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110	The microbial communities and potential greenhouse gas production in boreal acid sulphate, non-acid sulphate, and reedy sulphidic soils. <i>Science of the Total Environment</i> , 2014, 466-467, 663-672.	3.9	15
111	Correlating Microbial Diversity Patterns with Geochemistry in an Extreme and Heterogeneous Environment of Mine Tailings. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3677-3686.	1.4	175
112	Sources of nitrous and nitric oxides in paddy soils: Nitrification and denitrification. <i>Journal of Environmental Sciences</i> , 2014, 26, 581-592.	3.2	25
113	Soil carbon sequestration in cool-temperate dryland pastures: mechanisms and management options. <i>Soil Research</i> , 2015, 53, 349.	0.6	14
114	Modelling nitrogen and carbon cycles in Hooghly estuary along with adjacent mangrove ecosystem. <i>Developments in Environmental Modelling</i> , 2015, 27, 289-320.	0.3	7
115	Reactive Nitrogen in Turfgrass Systems: Relations to Soil Physical, Chemical, and Biological Properties. <i>Journal of Environmental Quality</i> , 2015, 44, 210-218.	1.0	23
116	Potential for Recycling Nutrients from Biosolids Amended with Clay and Lime in Coarse-Textured Water Repellence, Acidic Soils of Western Australia. <i>Applied and Environmental Soil Science</i> , 2015, 2015, 1-11.	0.8	3
117	Residual Effects of Lime- and Clay-Amended Biosolids Applied to Coarse-Textured Pasture Soil. <i>Applied and Environmental Soil Science</i> , 2015, 2015, 1-9.	0.8	2
118	Threats to food production and water quality in the Murray-Darling Basin of Australia. <i>Ecosystem Services</i> , 2015, 12, 55-70.	2.3	25
119	Effects of nitrogen fertilization on the acidity and salinity of greenhouse soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2976-2986.	2.7	129
120	Proton accumulation accelerated by heavy chemical nitrogen fertilization and its long-term impact on acidifying rate in a typical arable soil in the Huang-Huai-Hai Plain. <i>Journal of Integrative Agriculture</i> , 2015, 14, 148-157.	1.7	27
121	Altitudinal Distribution of Ammonia-Oxidizing Archaea and Bacteria in Alpine Grassland Soils Along the South-Facing Slope of Nyqentangula Mountains, Central Tibetan Plateau. <i>Geomicrobiology Journal</i> , 2015, 32, 77-88.	1.0	14
122	The effect of nitrification inhibitors in reducing nitrification and the ammonia oxidizer population in three contrasting soils. <i>Journal of Soils and Sediments</i> , 2015, 15, 1113-1118.	1.5	53
123	Short-term response of nitrifier communities and potential nitrification activity to elevated CO <sub>2</sub> and temperature interaction in a Chinese paddy field. <i>Applied Soil Ecology</i> , 2015, 96, 88-98.	2.1	49
124	The dissolved organic matter as a potential soil quality indicator in arable soils of Hungary. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 479.	1.3	25
125	Physiological profiles of microbial communities in mine soils afforested with different tree species. <i>Ecological Engineering</i> , 2015, 81, 462-470.	1.6	21
126	Theories, Mechanisms and Patterns of Microbiome Species Coexistence in an Era of Climate Change. <i>SpringerBriefs in Ecology</i> , 2015, , 13-53.	0.2	11
127	The abundance of functional genes, cbbL, nifH, amoA and apsA, and bacterial community structure of intertidal soil from Arabian Sea. <i>Microbiological Research</i> , 2015, 175, 57-66.	2.5	50



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128	Long-term effects of controlled release urea application on crop yields and soil fertility under rice-oilseed rape rotation system. <i>Field Crops Research</i> , 2015, 184, 65-73.	2.3	162
129	Biotic community shifts explain the contrasting responses of microbial and root respiration to experimental soil acidification. <i>Soil Biology and Biochemistry</i> , 2015, 90, 139-147.	4.2	38
130	Plant-biochar interactions drive the negative priming of soil organic carbon in an annual ryegrass field system. <i>Soil Biology and Biochemistry</i> , 2015, 90, 111-121.	4.2	75
131	Assessing environmental drivers of microbial communities in estuarine soils of the Aconcagua River in Central Chile. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv110.	1.3	14
132	Evaluation of ferrihydrite as amendment to restore an arsenic-polluted mine soil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6778-6788.	2.7	23
133	Responses of enzymatic activities within soil aggregates to 9-year nitrogen and water addition in a semi-arid grassland. <i>Soil Biology and Biochemistry</i> , 2015, 81, 159-167.	4.2	140
134	Soil chemical properties affect the reaction of forest soil bacteria to drought and rewetting stress. <i>Annals of Microbiology</i> , 2015, 65, 1627-1637.	1.1	141
135	Seasonal and inter-annual variation of leaching of dissolved organic carbon and nitrogen under long-term manure application in an acidic clay soil in subtropical China. <i>Soil and Tillage Research</i> , 2015, 146, 270-278.	2.6	53
136	pH regulates key players of nitrification in paddy soils. <i>Soil Biology and Biochemistry</i> , 2015, 81, 9-16.	4.2	164
137	Acidophilic denitrifiers dominate the N <sub>2</sub> O production in a 100-year-old tea orchard soil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4173-4182.	2.7	16
139	Net and Gross Nitrogen Turnover in Soil Amended with Acidified and Differently Dried Solids from Biogas Digestate. <i>Soil Science Society of America Journal</i> , 2016, 80, 943-953.	1.2	7
140	Nitrogen addition alters elemental stoichiometry within soil aggregates in a temperate steppe. <i>Solid Earth</i> , 2016, 7, 1565-1575.	1.2	4
141	Fate of Conjugated and Free Estrogens in Swine Manure Collected from areas Housing Piglets, Pregnant Sows and Finisher Pigs. <i>Journal of Agricultural Studies</i> , 2016, 4, 85.	0.2	0
142	Rhizosphere bacteriome of the medicinal plant <i>Sapindus saponaria</i> L. revealed by pyrosequencing. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	8
143	Pyrogenic Carbon in Soils: A Literature-Based Inventory and a Global Estimation of Its Content in Soil Organic Carbon and Stocks. <i>Frontiers in Earth Science</i> , 2016, 4, .	0.8	152
144	Microbial Communities in a High Arctic Polar Desert Landscape. <i>Frontiers in Microbiology</i> , 2016, 7, 419.	1.5	37
145	Mineral vs. Organic Amendments: Microbial Community Structure, Activity and Abundance of Agriculturally Relevant Microbes Are Driven by Long-Term Fertilization Strategies. <i>Frontiers in Microbiology</i> , 2016, 7, 1446.	1.5	462
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