

Lu-Jun Li

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,430
citations

279701

23
h-index

345118

36
g-index

49
all docs

49
docs citations

49
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in soil organic carbon pools after 10 years of continuous manuring combined with chemical fertilizer in a Mollisol in China. <i>Soil and Tillage Research</i> , 2012, 122, 36-41.	2.6	148
2	Soil microbial biomass size and soil carbon influence the priming effect from carbon inputs depending on nitrogen availability. <i>Soil Biology and Biochemistry</i> , 2018, 119, 41-49.	4.2	124
3	Soil organic carbon and nitrogen stocks in an age-sequence of poplar stands planted on marginal agricultural land in Northeast China. <i>Plant and Soil</i> , 2010, 332, 277-287.	1.8	116
4	Soil CO ₂ emissions from a cultivated Mollisol: Effects of organic amendments, soil temperature, and moisture. <i>European Journal of Soil Biology</i> , 2013, 55, 83-90.	1.4	77
5	Carbon and nitrogen mineralization patterns of two contrasting crop residues in a Mollisol: Effects of residue type and placement in soils. <i>European Journal of Soil Biology</i> , 2013, 54, 1-6.	1.4	72
6	Impact of litter quality and soil nutrient availability on leaf decomposition rate in a semi-arid grassland of Northeast China. <i>Journal of Arid Environments</i> , 2011, 75, 787-792.	1.2	60
7	Effects of nitrogen addition on vegetation and ecosystem carbon in a semi-arid grassland. <i>Biogeochemistry</i> , 2010, 98, 185-193.	1.7	55
8	Carbon mineralization of tree leaf litter and crop residues from poplar-based agroforestry systems in Northeast China: A laboratory study. <i>Applied Soil Ecology</i> , 2010, 44, 133-137.	2.1	51
9	Chemical and microbial properties in contaminated soils around a magnesite mine in northeast China. <i>Land Degradation and Development</i> , 2012, 23, 256-262.	1.8	50
10	Fresh root decomposition pattern of two contrasting tree species from temperate agroforestry systems: effects of root diameter and nitrogen enrichment of soil. <i>Plant and Soil</i> , 2011, 347, 115-123.	1.8	44
11	Changes in soil organic carbon and total nitrogen stocks after conversion of meadow to cropland in Northeast China. <i>Plant and Soil</i> , 2013, 373, 659-672.	1.8	41
12	Changes of soil properties and carbon fractions after long-term application of organic amendments in Mollisols. <i>Catena</i> , 2016, 143, 140-144.	2.2	39
13	Soil microbial properties under N and P additions in a semi-arid, sandy grassland. <i>Biology and Fertility of Soils</i> , 2010, 46, 653-658.	2.3	36
14	Dynamics and composition of soil organic carbon in response to 15 years of straw return in a Mollisol. <i>Soil and Tillage Research</i> , 2022, 215, 105221.	2.6	34
15	Impact of long-term application of manure, crop residue, and mineral fertilizer on organic carbon pools and crop yields in a Mollisol. <i>Journal of Soils and Sediments</i> , 2014, 14, 854-859.	1.5	33
16	Conventional and conservation tillage practices affect soil microbial co-occurrence patterns and are associated with crop yields. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107534.	2.5	33
17	Nitrous oxide emissions from Mollisols as affected by long-term applications of organic amendments and chemical fertilizers. <i>Science of the Total Environment</i> , 2013, 452-453, 302-308.	3.9	30
18	The temperature sensitivity of organic carbon mineralization is affected by exogenous carbon inputs and soil organic carbon content. <i>European Journal of Soil Biology</i> , 2017, 81, 69-75.	1.4	30

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19	Profile stock of soil organic carbon and distribution in croplands of Northeast China. <i>Catena</i> , 2019, 174, 285-292.	2.2	29
20	Fifteen-year no tillage of a Mollisol with residue retention indirectly affects topsoil bacterial community by altering soil properties. <i>Soil and Tillage Research</i> , 2021, 205, 104804.	2.6	28
21	Change in soil organic carbon between 1981 and 2011 in croplands of Heilongjiang Province, northeast China. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1275-1283.	1.7	27
22	Nitrogen and phosphorus resorption of <i>Artemisia scoparia</i> , <i>Chenopodium acuminatum</i> , <i>Cannabis sativa</i> , and <i>Phragmites communis</i> under nitrogen and phosphorus additions in a semiarid grassland, China. <i>Plant, Soil and Environment</i> , 2012, 58, 446-451.	1.0	25
23	Soil microbiological and chemical effects of a nitrogen-fixing shrub in poplar plantations in semi-arid region of Northeast China. <i>European Journal of Soil Biology</i> , 2010, 46, 325-329.	1.4	24
24	Changes in labile soil organic matter fractions following land use change from monocropping to poplar-based agroforestry systems in a semiarid region of Northeast China. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 6845-6853.	1.3	24
25	Impacts of Long-term Fertilization on the Molecular Structure of Humic Acid and Organic Carbon Content in Soil Aggregates in Black Soil. <i>Scientific Reports</i> , 2019, 9, 11908.	1.6	23
26	Conservation tillage regulates the assembly, network structure and ecological function of the soil bacterial community in black soils. <i>Plant and Soil</i> , 2022, 472, 207-223.	1.8	19
27	Profile storage and vertical distribution (0–150 cm) of soil inorganic carbon in croplands in northeast China. <i>Catena</i> , 2020, 185, 104302.	2.2	17
28	Foliar N/P ratio and nutrient limitation to vegetation growth on Keerqin sandy grassland of Northeast China. <i>Grass and Forage Science</i> , 2011, 66, 237-242.	1.2	13
29	Effect of Soil Organic Matter on Adsorption of Nitrification Inhibitor Nitrapyrin in Black Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 883-895.	0.6	13
30	Continuous cropping of alfalfa (<i>Medicago sativa</i> L.) reduces bacterial diversity and simplifies cooccurrence networks in aeolian sandy soil. <i>Soil Ecology Letters</i> , 2022, 4, 131-143.	2.4	13
31	Priming effect of stable C pool in soil and its temperature sensitivity. <i>Geoderma</i> , 2021, 401, 115216.	2.3	13
32	Changes in Soil Organic Carbon and Carbon Fractions Under Different Land Use and Management Practices After Development From Parent Material of Mollisols. <i>Soil Science</i> , 2014, 179, 205-210.	0.9	11
33	Residue decomposition and priming of soil organic carbon following different NPK fertilizer histories. <i>Soil Science Society of America Journal</i> , 2020, 84, 1898-1909.	1.2	10
34	Profile distribution of soil organic carbon and its isotopic value following long term land-use changes. <i>Catena</i> , 2021, 207, 105623.	2.2	10
35	Soil Microbial Biomass Size and Nitrogen Availability Regulate the Incorporation of Residue Carbon into Dissolved Organic Pool and Microbial Biomass. <i>Soil Science Society of America Journal</i> , 2019, 83, 1083-1092.	1.2	9
36	Faster carbon turnover in topsoil with straw addition is less beneficial to carbon sequestration than subsoil and mixed soil. <i>Soil Science Society of America Journal</i> , 2022, 86, 1431-1443.	1.2	9

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37	Continuous cropping of soybean induced a more fluctuating fungal network and intensive pathogenic fungal interactions in a Mollisol of Northeast China. <i>Soil Science Society of America Journal</i> , 2020, 84, 775-783.	1.2	7
38	Soil CO ₂ Emissions as Affected by 20-Year Continuous Cropping in Mollisols. <i>Journal of Integrative Agriculture</i> , 2014, 13, 615-623.	1.7	6
39	Biogeographic distribution patterns and assembly processes of nirS-type and nirK-type denitrifiers across the black soil zone in Northeast China. <i>Soil Science Society of America Journal</i> , 2022, 86, 1383-1396.	1.2	6
40	Archaeal communities perform an important role in maintaining microbial stability under long term continuous cropping systems. <i>Science of the Total Environment</i> , 2022, 838, 156413.	3.9	5
41	Distinct changes in composition of soil organic matter with length of cropping time in subsoils of a Phaeozem and Chernozem. <i>European Journal of Soil Science</i> , 2018, 69, 868-878.	1.8	3
42	Soil respiration and carbon budget in black soils of wheat maize-soybean rotation system. <i>Chinese Journal of Eco-Agriculture</i> , 2012, 20, 395-401.	0.1	3
43	Total Nitrogen Stock in Soil Profile Affected by Land Use and Soil Type in Three Counties of Mollisols. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	3
44	Accumulative Characteristics of Some Plant Species to Magnesium around a Magnesite Mine Area in Northeast China. <i>Soil and Sediment Contamination</i> , 2014, 23, 497-503.	1.1	2
45	Rare microbial populations as sensitive indicators of bacterial community dissimilarity under different agricultural management practices. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 1013-1026.	1.3	1
46	Restoration Effect of Young Plantations on Magnesite Mine Spoil in Northeast China. , 2010, , .		0
47	Editorial: Climate Change and Anthropogenic Impacts on Soil Organic Matter. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	0