

Zhongjun Jia

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

6,179
citations

76326

40
h-index

79698

73
g-index

135
all docs

135
docs citations

135
times ranked

5768
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Bacteria</i> rather than <i>Archaea</i> dominate microbial ammonia oxidation in an agricultural soil. <i>Environmental Microbiology</i> , 2009, 11, 1658-1671.	3.8	813
2	Autotrophic growth of nitrifying community in an agricultural soil. <i>ISME Journal</i> , 2011, 5, 1226-1236.	9.8	366
3	Change in deep soil microbial communities due to long-term fertilization. <i>Soil Biology and Biochemistry</i> , 2014, 75, 264-272.	8.8	232
4	Ecology of viruses in soils: Past, present and future perspectives. <i>Soil Science and Plant Nutrition</i> , 2008, 54, 1-32.	1.9	209
5	Conventional methanotrophs are responsible for atmospheric methane oxidation in paddy soils. <i>Nature Communications</i> , 2016, 7, 11728.	12.8	209
6	Differential contributions of ammonia oxidizers and nitrite oxidizers to nitrification in four paddy soils. <i>ISME Journal</i> , 2015, 9, 1062-1075.	9.8	185
7	pH regulates key players of nitrification in paddy soils. <i>Soil Biology and Biochemistry</i> , 2015, 81, 9-16.	8.8	164
8	Nitrification of archaeal ammonia oxidizers in acid soils is supported by hydrolysis of urea. <i>ISME Journal</i> , 2012, 6, 1978-1984.	9.8	140
9	Biodegradation of the veterinary antibiotics enrofloxacin and ceftiofur and associated microbial community dynamics. <i>Science of the Total Environment</i> , 2017, 581-582, 359-368.	8.0	130
10	Long-term Field Fertilization Significantly Alters Community Structure of Ammonia-oxidizing Bacteria rather than Archaea in a Paddy Soil. <i>Soil Science Society of America Journal</i> , 2011, 75, 1431-1439.	2.2	121
11	Interactions between Thaumarchaea, <i>Nitrospira</i> and methanotrophs modulate autotrophic nitrification in volcanic grassland soil. <i>ISME Journal</i> , 2014, 8, 2397-2410.	9.8	121
12	Long-term nitrogen fertilization of paddy soil shifts iron-reducing microbial community revealed by RNA-13C-acetate probing coupled with pyrosequencing. <i>ISME Journal</i> , 2015, 9, 721-734.	9.8	118
13	Urease gene-containing <i>Ascarhaea</i> dominate autotrophic ammonia oxidation in two acid soils. <i>Environmental Microbiology</i> , 2013, 15, 1795-1809.	3.8	117
14	Comammox <i>Nitrospira</i> clade B contributes to nitrification in soil. <i>Soil Biology and Biochemistry</i> , 2019, 135, 392-395.	8.8	116
15	Effects of 44 years of chronic nitrogen fertilization on the soil nitrifying community of permanent grassland. <i>Soil Biology and Biochemistry</i> , 2015, 91, 76-83.	8.8	98
16	Biotic Interactions in Microbial Communities as Modulators of Biogeochemical Processes: Methanotrophy as a Model System. <i>Frontiers in Microbiology</i> , 2016, 7, 1285.	3.5	95
17	Soil microbial community structure and diversity are largely influenced by soil pH and nutrient quality in 78-year-old tree plantations. <i>Biogeosciences</i> , 2017, 14, 2101-2111.	3.3	94
18	Relation between methanogenic archaea and methane production potential in selected natural wetland ecosystems across China. <i>Biogeosciences</i> , 2011, 8, 329-338.	3.3	82

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19	Ecological restoration alters microbial communities in mine tailings profiles. <i>Scientific Reports</i> , 2016, 6, 25193.	3.3	75
20	Autotrophic Growth of Bacterial and Archaeal Ammonia Oxidizers in Freshwater Sediment Microcosms Incubated at Different Temperatures. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3076-3084.	3.1	73
21	High pH-enhanced soil nitrification was associated with ammonia-oxidizing bacteria rather than archaea in acidic soils. <i>Applied Soil Ecology</i> , 2015, 85, 21-29.	4.3	71
22	Biodegradation of oxytetracycline and enrofloxacin by autochthonous microbial communities from estuarine sediments. <i>Science of the Total Environment</i> , 2019, 648, 962-972.	8.0	65
23	Effect of rice plants on CH ₄ production, transport, oxidation and emission in rice paddy soil. <i>Plant and Soil</i> , 2001, 230, 211-221.	3.7	64
24	Phylogenetically distinct methanotrophs modulate methane oxidation in rice paddies across Taiwan. <i>Soil Biology and Biochemistry</i> , 2018, 124, 59-69.	8.8	63
25	Composition and activity of rhizosphere microbial communities associated with healthy and diseased greenhouse tomatoes. <i>Plant and Soil</i> , 2014, 380, 337-347.	3.7	62
26	Inhibition of methane oxidation by nitrogenous fertilizers in a paddy soil. <i>Frontiers in Microbiology</i> , 2012, 3, 246.	3.5	59
27	Response of phyllosphere bacterial communities to elevated CO ₂ during rice growing season. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9459-9471.	3.6	59
28	Expansion of <i>Thaumarchaeota</i> habitat range is correlated with horizontal transfer of ATPase operons. <i>ISME Journal</i> , 2019, 13, 3067-3079.	9.8	59
29	Response of soil, leaf endosphere and phyllosphere bacterial communities to elevated CO ₂ and soil temperature in a rice paddy. <i>Plant and Soil</i> , 2015, 392, 27-44.	3.7	58
30	Declined soil suppressiveness to <i>Fusarium oxysporum</i> by rhizosphere microflora of cotton in soil sickness. <i>Biology and Fertility of Soils</i> , 2015, 51, 935-946.	4.3	58
31	Effect of benzoic acid on soil microbial communities associated with soilborne peanut diseases. <i>Applied Soil Ecology</i> , 2017, 110, 34-42.	4.3	58
32	Multiple long-term observations reveal a strategy for soil pH-dependent fertilization and fungal communities in support of agricultural production. <i>Agriculture, Ecosystems and Environment</i> , 2020, 293, 106837.	5.3	57
33	Archaea and bacteria respectively dominate nitrification in lightly and heavily grazed soil in a grassland system. <i>Biology and Fertility of Soils</i> , 2018, 54, 41-54.	4.3	52
34	Active Ammonia Oxidizers in an Acidic Soil Are Phylogenetically Closely Related to Neutrophilic Archaeon. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1684-1691.	3.1	49
35	Simazine application inhibits nitrification and changes the ammonia-oxidizing bacterial communities in a fertilized agricultural soil. <i>FEMS Microbiology Ecology</i> , 2011, 78, 511-519.	2.7	48
36	Contrasting effects of inorganic and organic fertilisation regimes on shifts in Fe redox bacterial communities in red soils. <i>Soil Biology and Biochemistry</i> , 2018, 117, 56-67.	8.8	48

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37	Molecular characterization of T4-type bacteriophages in a rice field. <i>Environmental Microbiology</i> , 2007, 9, 1091-1096.	3.8	45
38	Identification of microbial strategies for labile substrate utilization at phylogenetic classification using a microcosm approach. <i>Soil Biology and Biochemistry</i> , 2021, 153, 107970.	8.8	45
39	Methyl- ¹² -cyclodextrin enhanced biodegradation of polycyclic aromatic hydrocarbons and associated microbial activity in contaminated soil. <i>Journal of Environmental Sciences</i> , 2012, 24, 926-933.	6.1	44
40	Bacterial communities predominant in the degradation of 13C4-4,5,9,10-pyrene during composting. <i>Bioresource Technology</i> , 2013, 143, 608-614.	9.6	44
41	Remediation of polycyclic aromatic hydrocarbon and metal-contaminated soil by successive methyl- ¹² -cyclodextrin-enhanced soil washing—microbial augmentation: a laboratory evaluation. <i>Environmental Science and Pollution Research</i> , 2013, 20, 976-986.	5.3	41
42	The impact of dissolved organic carbon on the spatial variability of methanogenic archaea communities in natural wetland ecosystems across China. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 253-263.	3.6	40
43	Response of soil microbes to a reduction in phosphorus fertilizer in rice-wheat rotation paddy soils with varying soil P levels. <i>Soil and Tillage Research</i> , 2018, 181, 127-135.	5.6	37
44	Molecular analyses reveal stability of bacterial communities in bulk soil of a Japanese paddy field: Estimation by denaturing gradient gel electrophoresis of 16S rRNA genes amplified from DNA accompanied with RNA. <i>Soil Science and Plant Nutrition</i> , 2007, 53, 448-458.	1.9	36
45	Active Autotrophic Ammonia-Oxidizing Bacteria in Biofilm Enrichments from Simulated Creek Ecosystems at Two Ammonium Concentrations Respond to Temperature Manipulation. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7329-7338.	3.1	36
46	Nitrification activity and putative ammonia-oxidizing archaea in acidic red soils. <i>Journal of Soils and Sediments</i> , 2012, 12, 420-428.	3.0	36
47	Phylogenetically Distinct Phylotypes Modulate Nitrification in a Paddy Soil. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3218-3227.	3.1	36
48	Effect of salt stress on aerobic methane oxidation and associated methanotrophs; a microcosm study of a natural community from a non-saline environment. <i>Soil Biology and Biochemistry</i> , 2018, 125, 210-214.	8.8	36
49	Effect of rice cultivar on CH ₄ production potential of rice soil and CH ₄ emission in a pot experiment. <i>Soil Science and Plant Nutrition</i> , 2006, 52, 341-348.	1.9	35
50	Identification of the autotrophic denitrifying community in nitrate removal reactors by DNA-stable isotope probing. <i>Bioresource Technology</i> , 2017, 229, 134-142.	9.6	35
51	Neutrophilic bacteria are responsible for autotrophic ammonia oxidation in an acidic forest soil. <i>Soil Biology and Biochemistry</i> , 2018, 119, 83-89.	8.8	34
52	Soil Organic Carbon in a Changing World. <i>Pedosphere</i> , 2017, 27, 789-791.	4.0	33
53	Long-term field fertilization affects soil nitrogen transformations in a rice-wheat rotation cropping system. <i>Journal of Plant Nutrition and Soil Science</i> , 2012, 175, 939-946.	1.9	30
54	Community Structure of Active Aerobic Methanotrophs in Red Mangrove (<i>Kandelia obovata</i>) Soils Under Different Frequency of Tides. <i>Microbial Ecology</i> , 2018, 75, 761-770.	2.8	30

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55	The Resilience of Microbial Community under Drying and Rewetting Cycles of Three Forest Soils. <i>Frontiers in Microbiology</i> , 2016, 7, 1101.	3.5	29
56	Canonical ammonia oxidizers, rather than comammox <i>Nitrospira</i> , dominated autotrophic nitrification during the mineralization of organic substances in two paddy soils. <i>Soil Biology and Biochemistry</i> , 2021, 156, 108192.	8.8	28
57	Response of leaf endophytic bacterial community to elevated CO ₂ at different growth stages of rice plant. <i>Frontiers in Microbiology</i> , 2015, 6, 855.	3.5	26
58	Variance in bacterial communities, potential bacterial carbon sequestration and nitrogen fixation between light and dark conditions under elevated CO ₂ in mine tailings. <i>Science of the Total Environment</i> , 2019, 652, 234-242.	8.0	26
59	Bacterial community composition and assembly along a natural sodicity/salinity gradient in surface and subsurface soils. <i>Applied Soil Ecology</i> , 2021, 157, 103731.	4.3	26
60	The long-term effects of using nitrite and urea on the enrichment of comammox bacteria. <i>Science of the Total Environment</i> , 2021, 755, 142580.	8.0	25
61	Metabolic flexibility of aerobic methanotrophs under anoxic conditions in Arctic lake sediments. <i>ISME Journal</i> , 2022, 16, 78-90.	9.8	25
62	Soil warming and fertilization altered rates of nitrogen transformation processes and selected for adapted ammonia-oxidizing archaea in sub-arctic grassland soil. <i>Soil Biology and Biochemistry</i> , 2017, 107, 114-124.	8.8	24
63	Atmospheric Methane Oxidizers Are Dominated by Upland Soil Cluster Alpha in 20 Forest Soils of China. <i>Microbial Ecology</i> , 2020, 80, 859-871.	2.8	24
64	Title is missing!. <i>Nutrient Cycling in Agroecosystems</i> , 2002, 64, 101-110.	2.2	23
65	Effects of temperature on the composition and diversity of bacterial communities in bamboo soils at different elevations. <i>Biogeosciences</i> , 2017, 14, 4879-4889.	3.3	23
66	Contributions of residue-C and -N to plant growth and soil organic matter pools under planted and unplanted conditions. <i>Soil Biology and Biochemistry</i> , 2018, 120, 91-104.	8.8	23
67	High contribution of ammonia-oxidizing archaea (AOA) to ammonia oxidation related to a potential active AOA species in various arable land soils. <i>Journal of Soils and Sediments</i> , 2019, 19, 1077-1087.	3.0	23
68	The pH-based ecological coherence of active canonical methanotrophs in paddy soils. <i>Biogeosciences</i> , 2020, 17, 1451-1462.	3.3	22
69	Molecular analysis of the ammonia oxidizing bacterial community in the surface soil layer of a Japanese paddy field. <i>Soil Science and Plant Nutrition</i> , 2006, 52, 427-431.	1.9	21
70	One-Cell Metabolic Phenotyping and Sequencing of Soil Microbiome by Raman-Activated Gravity-Driven Encapsulation (RAGE). <i>MSystems</i> , 2021, 6, e0018121.	3.8	21
71	Contrasting microbial community responses to salinization and straw amendment in a semiarid bare soil and its wheat rhizosphere. <i>Scientific Reports</i> , 2019, 9, 9795.	3.3	20
72	When the going gets tough: Emergence of a complex methane-driven interaction network during recovery from desiccation-rewetting. <i>Soil Biology and Biochemistry</i> , 2021, 153, 108109.	8.8	20

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73	Salt tolerance-based niche differentiation of soil ammonia oxidizers. <i>ISME Journal</i> , 2022, 16, 412-422.	9.8	20
74	Nitrogen input promotes denitrifying methanotrophs' abundance and contribution to methane emission reduction in coastal wetland and paddy soil. <i>Environmental Pollution</i> , 2022, 302, 119090.	7.5	20
75	Tenax TA extraction to understand the rate-limiting factors in methyl- β -cyclodextrin-enhanced bioremediation of PAH-contaminated soil. <i>Biodegradation</i> , 2013, 24, 365-375.	3.0	19
76	Geographical Distribution of Methanogenic Archaea in Nine Representative Paddy Soils in China. <i>Frontiers in Microbiology</i> , 2016, 7, 1447.	3.5	19
77	Autotrophic archaeal nitrification is preferentially stimulated by rice callus mineralization in a paddy soil. <i>Plant and Soil</i> , 2019, 445, 55-69.	3.7	19
78	Response of a methane-driven interaction network to stressor intensification. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	19
79	Inhibition of Bacterial Ammonia Oxidation by Organohydrazines in Soil Microcosms. <i>Frontiers in Microbiology</i> , 2012, 3, 10.	3.5	17
80	Soil N mineralization, nitrification and dynamic changes in abundance of ammonia-oxidizing bacteria and archaea along a 2000-year chronosequence of rice cultivation. <i>Plant and Soil</i> , 2013, 365, 59-68.	3.7	17
81	Long-term effects of grazing, liming and nutrient fertilization on the nitrifying community of grassland soils. <i>Soil Biology and Biochemistry</i> , 2018, 118, 97-102.	8.8	17
82	Stable isotope probing of active methane oxidizers in rice field soils from cold regions. <i>Biology and Fertility of Soils</i> , 2019, 55, 243-250.	4.3	17
83	Crop rotation suppresses soil-borne <i>Fusarium</i> wilt of banana and alters microbial communities. <i>Archives of Agronomy and Soil Science</i> , 2022, 68, 447-459.	2.6	17
84	Multifunctional Periphytic Biofilms: Polyethylene Degradation and Cd ²⁺ and Pb ²⁺ Bioremediation under High Methane Scenario. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5331.	4.1	17
85	Community shift of microbial ammonia oxidizers in air-dried rice soils after 22 years of nitrogen fertilization. <i>Biology and Fertility of Soils</i> , 2019, 55, 419-424.	4.3	16
86	A phototrophy-driven microbial food web in a rice soil. <i>Journal of Soils and Sediments</i> , 2011, 11, 301-311.	3.0	15
87	Evidence for niche differentiation of nitrifying communities in grassland soils after 44 years of different field fertilization scenarios. <i>Pedosphere</i> , 2020, 30, 87-97.	4.0	15
88	Disentangling abiotic and biotic controls of aerobic methane oxidation during re-colonization. <i>Soil Biology and Biochemistry</i> , 2020, 142, 107729.	8.8	15
89	Impact of elevated atmospheric CO ₂ on soil bacteria community in a grazed pasture after 12-year enrichment. <i>Geoderma</i> , 2017, 285, 19-26.	5.1	13
90	Long-term effects of grassland management on soil microbial abundance: implications for soil carbon and nitrogen storage. <i>Biogeochemistry</i> , 2018, 141, 213-228.	3.5	13

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91	Succession of bacterial community and methanotrophy during lake shrinkage. <i>Journal of Soils and Sediments</i> , 2020, 20, 1545-1557.	3.0	12
92	Prokaryotic community assembly after 40 years of soda solonetz restoration by natural grassland and reclaimed farmland. <i>European Journal of Soil Biology</i> , 2020, 100, 103213.	3.2	12
93	Niche Differentiation of Active Methane-Oxidizing Bacteria in Estuarine Mangrove Forest Soils in Taiwan. <i>Microorganisms</i> , 2020, 8, 1248.	3.6	12
94	Electron shuttles facilitate anaerobic methane oxidation coupled to nitrous oxide reduction in paddy soil. <i>Soil Biology and Biochemistry</i> , 2021, 153, 108091.	8.8	12
95	Chronic Nitrogen Fertilization Modulates Competitive Interactions Among Microbial Ammonia Oxidizers in a Loess Soil. <i>Pedosphere</i> , 2019, 29, 24-33.	4.0	11
96	Enhanced Adsorptive Bioremediation of Heavy Metals (Cd ²⁺ , Cr ⁶⁺ , Pb ²⁺) by Methane-Oxidizing Epipelton. <i>Microorganisms</i> , 2020, 8, 505.	3.6	10
97	Molecular identification of methane oxidizing bacteria in a Japanese rice field soil. <i>Biology and Fertility of Soils</i> , 2007, 44, 121-130.	4.3	9
98	Soil microbial community assemblage and its seasonal variability in alpine treeline ecotone on the eastern Qinghai-Tibet Plateau. <i>Soil Ecology Letters</i> , 2019, 1, 33-41.	4.5	9
99	Exogenous nitrogen addition inhibits sulfate-mediated anaerobic oxidation of methane in estuarine coastal sediments. <i>Ecological Engineering</i> , 2020, 158, 106021.	3.6	9
100	Co-occurrence patterns among prokaryotes across an age gradient in pit mud of Chinese strong-flavor liquor. <i>Canadian Journal of Microbiology</i> , 2020, 66, 495-504.	1.7	9
101	Elevated Atmospheric CO ₂ and Nitrogen Fertilization Affect the Abundance and Community Structure of Rice Root-Associated Nitrogen-Fixing Bacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 628108.	3.5	9
102	Soil aeration rather than methanotrophic community drives methane uptake under drought in a subtropical forest. <i>Science of the Total Environment</i> , 2021, 792, 148292.	8.0	9
103	Biofilm: A strategy for the dominance of comammox <i>Nitrospira</i> . <i>Journal of Cleaner Production</i> , 2022, 363, 132361.	9.3	9
104	DNA-Based Stable Isotope Probing. <i>Methods in Molecular Biology</i> , 2019, 2046, 17-29.	0.9	8
105	Active Soil Nitrifying Communities Revealed by <i>In Situ</i> Transcriptomics and Microcosm-Based Stable-Isotope Probing. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	8
106	Revealing the community and metabolic potential of active methanotrophs by targeted metagenomics in the Zoige wetland of the Tibetan Plateau. <i>Environmental Microbiology</i> , 2021, 23, 6520-6535.	3.8	8
107	Bioleaching of Heavy Metals from Printed Circuit Boards with an Acidophilic Iron-Oxidizing Microbial Consortium in Stirred Tank Reactors. <i>Bioengineering</i> , 2022, 9, 79.	3.5	8
108	Plant-Mediated Changes in Soil N-Cycling Genes during Revegetation of Copper Mine Tailings. <i>Frontiers in Environmental Science</i> , 2017, 5, .	3.3	7

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109	Shifts in the community composition of methane-cycling microorganisms during lake shrinkage. <i>Geoderma</i> , 2018, 311, 9-14.	5.1	7
110	DNA stable isotope probing reveals potential key players for microbial decomposition and degradation of diatom-derived marine particulate matter. <i>MicrobiologyOpen</i> , 2020, 9, e1013.	3.0	7
111	Offsetting N ₂ O emissions through nitrifying CO ₂ fixation in grassland soil. <i>Soil Biology and Biochemistry</i> , 2022, 165, 108528.	8.8	7
112	Methanotrophy-driven accumulation of organic carbon in four paddy soils of Bangladesh. <i>Pedosphere</i> , 2022, 32, 348-358.	4.0	7
113	Identification of Formate-Metabolizing Bacteria in Paddy Soil by DNA-Based Stable Isotope Probing. <i>Soil Science Society of America Journal</i> , 2012, 76, 121-129.	2.2	6
114	Dependency of biological nitrogen fixation on organic carbon in acidic mine tailings under light and dark conditions. <i>Applied Soil Ecology</i> , 2019, 140, 18-25.	4.3	6
115	Stable-isotope probing of bacterial community for dissolved inorganic carbon utilization in <i>Microcystis aeruginosa</i> -dominated eutrophic water. <i>Journal of Environmental Sciences</i> , 2019, 79, 264-272.	6.1	6
116	Temperature-dependent changes in active nitrifying communities in response to field fertilization legacy. <i>Biology and Fertility of Soils</i> , 2021, 57, 1-14.	4.3	6
117	Sheep grazing impacts on soil methanotrophs and their activity in typical steppe in the Loess Plateau China. <i>Applied Soil Ecology</i> , 2022, 175, 104440.	4.3	6
118	Methanotrophs Contribute to Nitrogen Fixation in Emergent Macrophytes. <i>Frontiers in Microbiology</i> , 2022, 13, 851424.	3.5	6
119	DNA-based stable isotope probing identifies formate-metabolizing methanogenic archaea in paddy soil. <i>Microbiological Research</i> , 2017, 202, 36-42.	5.3	5
120	Grazing weakens competitive interactions between active methanotrophs and nitrifiers modulating greenhouse-gas emissions in grassland soils. <i>ISME Communications</i> , 2021, 1, .	4.2	5
121	Active Methanotrophs in Suboxic Alpine Swamp Soils of the Qinghai-Tibetan Plateau. <i>Frontiers in Microbiology</i> , 2020, 11, 580866.	3.5	4
122	Rhizospheric Denitrification Potential and Related Microbial Characteristics Affected by Secondary Salinization in a Riparian Soil. <i>Geomicrobiology Journal</i> , 2015, 32, 624-634.	2.0	3
123	Pyrite oxidization accelerates bacterial carbon sequestration in copper mine tailings. <i>Biogeosciences</i> , 2019, 16, 573-583.	3.3	3
124	Sea animal activity controls CO ₂ , CH ₄ and N ₂ O emission hotspots on South Georgia, sub-Antarctica. <i>Soil Biology and Biochemistry</i> , 2019, 132, 174-186.	8.8	3
125	Heterotrophy-coordinated diazotrophy is associated with significant changes of rare taxa in soil microbiome. <i>Pedosphere</i> , 2022, 32, 402-413.	4.0	3
126	Phylogeny and Metabolic Potential of the Methanotrophic Lineage MO3 in Beijerinckiaceae from the Paddy Soil through Metagenome-Assembled Genome Reconstruction. <i>Microorganisms</i> , 2022, 10, 955.	3.6	3

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127	Bacterial contribution to 17β -estradiol mineralization in lake sediment as revealed by ^{13}C -DNA stable isotope probing. <i>Environmental Pollution</i> , 2021, 286, 117505.	7.5	2
128	Effects of agricultural land use on the differentiation of nitrifier communities and functional patterns from natural terrestrial ecosystems. <i>Science of the Total Environment</i> , 2022, 835, 155568.	8.0	2
129	Methanotrophy Alleviates Nitrogen Constraint of Carbon Turnover by Rice Root-Associated Microbiomes. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	2
130	Glucose-induced changes in the bacterial communities of mine tailings at different acidification stages. <i>Canadian Journal of Microbiology</i> , 2019, 65, 201-213.	1.7	0