

Huai Chen

List of Publications by Year in descending order

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143
papers

5,598
citations

94433

37
h-index

91884

69
g-index

149
all docs

149
docs citations

149
times ranked

6682
citing authors

#	ARTICLE	IF	CITATIONS
1	Variations in bacterial and archaeal community structure and diversity along the soil profiles of a peatland in Southwest China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2276-2286.	5.3	5
2	Methane emissions may be driven by hydrogenotrophic methanogens inhabiting the stem tissues of poplar. <i>New Phytologist</i> , 2022, 233, 182-193.	7.3	17
3	Water level regulates the rhizosphere priming effect on SOM decomposition of peatland soil. <i>Rhizosphere</i> , 2022, 21, 100455.	3.0	9
4	Aerobic environments in combination with substrate additions to soil significantly reshape depth-dependent microbial distribution patterns in Zoige peatlands, China. <i>Applied Soil Ecology</i> , 2022, 170, 104252.	4.3	7
5	Quantification of Ecosystem-Scale Methane Sinks Observed in a Tropical Rainforest in Hainan, China. <i>Land</i> , 2022, 11, 154.	2.9	0
6	Plant Phenology and Its Anthropogenic and Natural Influencing Factors in Densely Populated Areas During the Economic Transition Period of China. <i>Frontiers in Environmental Science</i> , 2022, 9, .	3.3	3
7	Responses of soil CH ₄ fluxes to nitrogen addition in two tropical montane rainforests in southern China. <i>Forest Ecosystems</i> , 2022, 9, 100031.	3.1	3
8	The Effects of Freeze–Thaw Cycles on Methane Emissions From Peat Soils of a High-Altitude Peatland. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	5
9	Anthropogenic warming reduces the carbon accumulation of Tibetan Plateau peatlands. <i>Quaternary Science Reviews</i> , 2022, 281, 107449.	3.0	5
10	Effects of climate change and human activities on net primary production of wetlands on the Zoige Plateau from 1990 to 2015. <i>Global Ecology and Conservation</i> , 2022, 35, e02052.	2.1	17
11	Homogeneous selection is stronger for fungi in deeper peat than in shallow peat in the low-temperature fens of China. <i>Environmental Research</i> , 2022, 212, 113312.	7.5	2
12	Temporal and Spatial Variation of Wetland CH ₄ Emissions from the Qinghai–Tibet Plateau under Future Climate Change Scenarios. <i>Atmosphere</i> , 2022, 13, 854.	2.3	1
13	Seasonal and interannual dynamics of water vapor flux at a fen in the Zoige peatlands on the Qinghai–Tibetan Plateau: four-year measurements. <i>Journal of Hydrology</i> , 2022, 612, 128058.	5.4	1
14	Greenhouse gases concentrations and emissions from a small subtropical cascaded river-reservoir system. <i>Journal of Hydrology</i> , 2022, 612, 128190.	5.4	2
15	Water table drawdown increases plant biodiversity and soil polyphenol in the Zoige Plateau. <i>Ecological Indicators</i> , 2021, 121, 107118.	6.3	11
16	Sustaining yield and mitigating methane emissions from rice production with plastic film mulching technique. <i>Agricultural Water Management</i> , 2021, 245, 106667.	5.6	11
17	Methane emissions respond to soil temperature in convergent patterns but divergent sensitivities across wetlands along altitude. <i>Global Change Biology</i> , 2021, 27, 941-955.	9.5	10
18	Global response of terrestrial gross primary productivity to climate extremes. <i>Science of the Total Environment</i> , 2021, 750, 142337.	8.0	32

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19	Methane emissions during different freezing-thawing periods from a fen on the Qinghai-Tibetan Plateau: Four years of measurements. <i>Agricultural and Forest Meteorology</i> , 2021, 297, 108279.	4.8	16
20	Vegetation and microbes interact to preserve carbon in many wooded peatlands. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	21
21	Effect of Grazing Intensities on Soil N ₂ O Emissions from an Alpine Meadow of Zoige Plateau in China. <i>Atmosphere</i> , 2021, 12, 541.	2.3	7
22	Fungi are more sensitive than bacteria to drainage in the peatlands of the Zoige Plateau. <i>Ecological Indicators</i> , 2021, 124, 107367.	6.3	19
23	How do water table drawdown, duration of drainage, and warming influence greenhouse gas emissions from drained peatlands of the Zoige Plateau?. <i>Land Degradation and Development</i> , 2021, 32, 3351-3364.	3.9	11
24	Methane Emissions Regulated by Microbial Community Response to the Addition of Monensin and Fumarate in Different Substrates. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6282.	2.5	2
25	Methane Emissions from Surface of Mangrove River on Hainan Island, China. <i>Atmosphere</i> , 2021, 12, 1126.	2.3	1
26	Soil microbial community and network changes after long-term use of plastic mulch and nitrogen fertilization on semiarid farmland. <i>Geoderma</i> , 2021, 396, 115086.	5.1	65
27	pCO ₂ and CO ₂ evasion from two small suburban rivers: Implications of the watershed urbanization process. <i>Science of the Total Environment</i> , 2021, 788, 147787.	8.0	13
28	Effects of nitrogen addition on anaerobic oxidation of methane in Zoige Plateau peatlands. <i>Ecological Indicators</i> , 2021, 129, 108018.	6.3	3
29	Dominant influence of non-thawing periods on annual CO ₂ emissions from Zoige peatlands: Five-year eddy covariance analysis. <i>Ecological Indicators</i> , 2021, 129, 107913.	6.3	8
30	Anthropogenic impacts recorded by a 200-year peat profile from the Zoige Peatland, northeastern Qinghai-Tibetan Plateau. <i>Catena</i> , 2021, 206, 105463.	5.0	10
31	Effect of Short-Term Low-Nitrogen Addition on Carbon, Nitrogen and Phosphorus of Vegetation-Soil in Alpine Meadow. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10998.	2.6	3
32	A High-Resolution Accumulation Record of Arsenic and Mercury after the First Industrial Revolution from a Peatland in Zoige, Qinghai-Tibet Plateau. <i>Land</i> , 2021, 10, 1241.	2.9	5
33	High uncertainties detected in the wetlands distribution of the Qinghai-Tibet Plateau based on multisource data. <i>Landscape and Ecological Engineering</i> , 2020, 16, 47-61.	1.5	11
34	Extrapolation and Uncertainty Evaluation of Carbon Dioxide and Methane Emissions in the Qinghai-Tibetan Plateau Wetlands Since the 1960s. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	3
35	Comparison of Anaerobic Methane Oxidation in Different Sediment Habitats of Dianchi Lake. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	5
36	Structure and distribution of nitrite-dependent anaerobic methane oxidation bacteria vary with water tables in Zoige peatlands. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	14

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37	Peatland development and carbon dynamics since the Last Glacial Maximum in the Hengduan Mountains Region. <i>Catena</i> , 2020, 190, 104525.	5.0	9
38	Variation in the Soil Prokaryotic Community Under Simulated Warming and Rainfall Reduction in Different Water Table Peatlands of the Zoige Plateau. <i>Frontiers in Microbiology</i> , 2020, 11, 343.	3.5	4
39	Nitrous oxide emissions from three temperate forest types in the Qinling Mountains, China. <i>Journal of Forestry Research</i> , 2019, 30, 1417-1427.	3.6	4
40	Assessment of frozen ground organic carbon pool on the Qinghai-Tibet Plateau. <i>Journal of Soils and Sediments</i> , 2019, 19, 128-139.	3.0	18
41	Changes in methane oxidation ability and methanotrophic community composition across different climatic zones. <i>Journal of Soils and Sediments</i> , 2019, 19, 533-543.	3.0	24
42	Soil water content and pH drive archaeal distribution patterns in sediment and soils of water-level-fluctuating zones in the East Dongting Lake wetland, China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29127-29137.	5.3	6
43	Five-Year Measurements of Net Ecosystem CO ₂ Exchange at a Fen in the Zoige Peatlands on the Qinghai-Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11803-11818.	3.3	22
44	Comparison of methane emissions among invasive and native mangrove species in Dongzhaigang, Hainan Island. <i>Science of the Total Environment</i> , 2019, 697, 133945.	8.0	40
45	Structural and functional differentiation of the microbial community in the surface and subsurface peat of two minerotrophic fens in China. <i>Plant and Soil</i> , 2019, 437, 21-40.	3.7	22
46	Contemporary, modern and ancient carbon fluxes in the Zoige peatlands on the Qinghai-Tibetan Plateau. <i>Geoderma</i> , 2019, 352, 138-149.	5.1	11
47	Peatland degradation reduces methanogens and methane emissions from surface to deep soils. <i>Ecological Indicators</i> , 2019, 106, 105488.	6.3	14
48	Grassland production in response to changes in biological metrics over the Tibetan Plateau. <i>Science of the Total Environment</i> , 2019, 666, 641-651.	8.0	11
49	Response of anaerobic mineralization of different depths peat carbon to warming on Zoige plateau. <i>Geoderma</i> , 2019, 337, 1218-1226.	5.1	13
50	Variations of Sediment Archaea Communities in Different Distribution Areas of <i>Bruguiera gymnohiza</i> Mangrove in Dongzhaigang, China. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 3343-3352.	1.2	1
51	Holocene peatland development and carbon stock of Zoige peatlands, Tibetan Plateau: a modeling approach. <i>Journal of Soils and Sediments</i> , 2018, 18, 2032-2043.	3.0	5
52	Large-scale detection of vegetation dynamics and their potential drivers using MODIS images and BFAST: A case study in Quebec, Canada. <i>Remote Sensing of Environment</i> , 2018, 206, 391-402.	11.0	76
53	Estimates and Predictions of Methane Emissions from Wastewater in China from 2000 to 2020. <i>Earth's Future</i> , 2018, 6, 252-263.	6.3	37
54	CH ₄ concentrations and fluxes in a subtropical metropolitan river network: Watershed urbanization impacts and environmental controls. <i>Science of the Total Environment</i> , 2018, 622-623, 1079-1089.	8.0	40

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55	Temporal-spatial pattern of organic carbon sequestration by Chinese lakes since 1850. <i>Limnology and Oceanography</i> , 2018, 63, 1283-1297.	3.1	30
56	The linkage between vegetation and soil nutrients and their variation under different grazing intensities in an alpine meadow on the eastern Qinghai-Tibetan Plateau. <i>Ecological Engineering</i> , 2018, 110, 128-136.	3.6	56
57	Can abandoned peatland pasture sequester more carbon dioxide from the atmosphere than an adjacent pristine bog in Newfoundland, Canada?. <i>Agricultural and Forest Meteorology</i> , 2018, 248, 91-108.	4.8	13
58	Quantification and scenario analysis of CO ₂ emissions from the central heating supply system in China from 2006 to 2025. <i>Applied Energy</i> , 2018, 225, 869-875.	10.1	31
59	Temporal shifts in controls over methane emissions from a boreal bog. <i>Agricultural and Forest Meteorology</i> , 2018, 262, 120-134.	4.8	13
60	Microbial diversity in the rumen, reticulum, omasum, and abomasum of yak on a rapid fattening regime in an agro-pastoral transition zone. <i>Journal of Microbiology</i> , 2018, 56, 734-743.	2.8	44
61	Water table drawdown reshapes soil physicochemical characteristics in Zoige peatlands. <i>Catena</i> , 2018, 170, 119-128.	5.0	23
62	Interactive Effect of Radioactive and Heavy-Metal Contamination on Soil Enzyme Activity in a Former Uranium Mine. <i>Polish Journal of Environmental Studies</i> , 2018, 27, 1343-1351.	1.2	6
63	CO ₂ and CH ₄ fluxes of the metropolitan river network in relation to the urbanization of Chongqing, China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 470-486.	3.0	71
64	Greenhouse gases concentrations and fluxes from subtropical small reservoirs in relation with watershed urbanization. <i>Atmospheric Environment</i> , 2017, 154, 225-235.	4.1	43
65	Patterns and drivers of fungal diversity along an altitudinal gradient on Mount Gongga, China. <i>Journal of Soils and Sediments</i> , 2017, 17, 2856-2865.	3.0	30
66	Rumen prokaryotic communities of ruminants under different feeding paradigms on the Qinghai-Tibetan Plateau. <i>Systematic and Applied Microbiology</i> , 2017, 40, 227-236.	2.8	61
67	Interannual variation in methane emissions from tropical wetlands triggered by repeated El Niño Southern Oscillation. <i>Global Change Biology</i> , 2017, 23, 4706-4716.	9.5	28
68	Water table drawdown shapes the depth-dependent variations in prokaryotic diversity and structure in Zoige peatlands. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	33
69	Quantification of methane emissions from municipal solid waste landfills in China during the past decade. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 78, 272-279.	16.4	77
70	Effects of canopy gaps on N ₂ O fluxes in a tropical montane rainforest in Hainan of China. <i>Ecological Engineering</i> , 2017, 105, 325-334.	3.6	8
71	Qinghai-tibetan plateau peatland sustainable utilization under anthropogenic disturbances and climate change. <i>Ecosystem Health and Sustainability</i> , 2017, 3, .	3.1	40
72	Responses of CO ₂ emission and pore water DOC concentration to soil warming and water table drawdown in Zoige Peatlands. <i>Atmospheric Environment</i> , 2017, 152, 323-329.	4.1	44

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73	Effect of nitrogen and phosphorus application on agricultural soil food webs. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1176-1186.	2.6	16
74	Effect of watershed urbanization on N ₂ O emissions from the Chongqing metropolitan river network, China. <i>Atmospheric Environment</i> , 2017, 171, 70-81.	4.1	35
75	Ecological Succession Pattern of Fungal Community in Soil along a Retreating Glacier. <i>Frontiers in Microbiology</i> , 2017, 8, 1028.	3.5	36
76	Near-zero methane emission from an abandoned boreal peatland pasture based on eddy covariance measurements. <i>PLoS ONE</i> , 2017, 12, e0189692.	2.5	7
77	Short-Term vs. Long-Term Effects of Understory Removal on Nitrogen and Mobile Carbohydrates in Overstory Trees. <i>Forests</i> , 2016, 7, 67.	2.1	6
78	Variability and Changes in Climate, Phenology, and Gross Primary Production of an Alpine Wetland Ecosystem. <i>Remote Sensing</i> , 2016, 8, 391.	4.0	51
79	Towards a paradigm for open and free sharing of scientific data on global change science in china. <i>Ecosystem Health and Sustainability</i> , 2016, 2, .	3.1	13
80	Climate-driven increase of natural wetland methane emissions offset by human-induced wetland reduction in China over the past three decades. <i>Scientific Reports</i> , 2016, 6, 38020.	3.3	13
81	Archaeal communities in the sediments of different mangrove stands at Dongzhaigang, China. <i>Journal of Soils and Sediments</i> , 2016, 16, 1995-2004.	3.0	18
82	Methane uptake in semiarid farmland subjected to different mulching and nitrogen fertilization regimes. <i>Biology and Fertility of Soils</i> , 2016, 52, 941-950.	4.3	31
83	Soil properties and species composition under different grazing intensity in an alpine meadow on the eastern Tibetan Plateau, China. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 678.	2.7	31
84	Soil Carbon Dioxide Fluxes from Three Forest Types of the Tropical Montane Rainforest on Hainan Island, China. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	5
85	Analysis of the rumen bacteria and methanogenic archaea of yak (<i>Bos grunniens</i>) steers grazing on the Qinghai-Tibetan Plateau. <i>Livestock Science</i> , 2016, 188, 61-71.	1.6	66
86	Effects of enclosure time on the community composition of methanotrophs in the soils of the Inner Mongolia grasslands. <i>Journal of Soils and Sediments</i> , 2016, 16, 1022-1031.	3.0	14
87	Multiple afforestation programs accelerate the greenness in the "Three North" region of China from 1982 to 2013. <i>Ecological Indicators</i> , 2016, 61, 404-412.	6.3	264
88	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
89	Intense methane ebullition from open water area of a shallow peatland lake on the eastern Tibetan Plateau. <i>Science of the Total Environment</i> , 2016, 542, 57-64.	8.0	30
90	Nitrous oxide emission from infralittoral zone and pelagic zone in a shallow lake: Implications for whole lake flux estimation and lake restoration. <i>Ecological Engineering</i> , 2015, 82, 368-375.	3.6	14

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91	Higher recent peat C accumulation than that during the Holocene on the Zoige Plateau. <i>Quaternary Science Reviews</i> , 2015, 114, 116-125.	3.0	32
92	Estimating global natural wetland methane emissions using process modelling: spatio-temporal patterns and contributions to atmospheric methane fluctuations. <i>Global Ecology and Biogeography</i> , 2015, 24, 959-972.	5.8	53
93	Response of archaeal communities to water regimes under simulated warming and drought conditions in Tibetan Plateau wetlands. <i>Journal of Soils and Sediments</i> , 2015, 15, 179-188.	3.0	22
94	Response of nitrogen use efficiency and soil nitrate dynamics to soil mulching in dryland maize (<i>Zea mays</i>) in the Loess Plateau of China. <i>Soil Biology and Biochemistry</i> , 2015, 88, 100-107.	2.2	69
95	A comparative study of daytime-based methane emission from two wetlands of Nepal Himalaya. <i>Atmospheric Environment</i> , 2015, 106, 196-203.	4.1	5
96	A novel pathway of direct methane production and emission by eukaryotes including plants, animals and fungi: An overview. <i>Atmospheric Environment</i> , 2015, 115, 26-35.	4.1	65
97	From plant functional types to plant functional traits. <i>Progress in Physical Geography</i> , 2015, 39, 514-535.	3.2	70
98	Carbon accumulation and sequestration of lakes in China during the Holocene. <i>Global Change Biology</i> , 2015, 21, 4436-4448.	9.5	42
99	Monitoring the impact of aerosol contamination on the drought-induced decline of gross primary productivity. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 36, 30-40.	2.8	3
100	SHORT-TERM RESPONSES OF NITROUS OXIDE FLUXES TO NITROGEN AND PHOSPHORUS ADDITION IN A PEATLAND ON THE TIBETAN PLATEAU. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 121-127.	0.6	3
101	Analysis of vegetation dynamics and climatic variability impacts on greenness across Canada using remotely sensed data from 2000 to 2009. <i>Journal of Applied Remote Sensing</i> , 2014, 8, 083666.	1.3	11
102	Modeling Carbon Fluxes Using Multi-Temporal MODIS Imagery and CO ₂ Eddy Flux Tower Data in Zoige Alpine Wetland, South-West China. <i>Wetlands</i> , 2014, 34, 603-618.	1.5	30
103	Soil methane uptake by grasslands and forests in China. <i>Soil Biology and Biochemistry</i> , 2014, 74, 70-81.	8.8	69
104	Large-scale detection of vegetation dynamics using MODIS images and BFAST: A case study in Quebec, Canada. <i>Remote Sensing</i> , 2014, 6, 1155-1168.		1
105	Carbon dynamics of peatlands in China during the Holocene. <i>Quaternary Science Reviews</i> , 2014, 99, 34-41.	3.0	49
106	Effects of nitrogen and sulfur deposition on CH ₄ and N ₂ O fluxes in high-altitude peatland soil under different water tables in the Tibetan Plateau. <i>Soil Science and Plant Nutrition</i> , 2014, 60, 404-410.	1.9	26
107	Effects of soil warming, rainfall reduction and water table level on CH ₄ emissions from the Zoige peatland in China. <i>Soil Biology and Biochemistry</i> , 2014, 78, 83-89.	8.8	104
108	Eradicating invasive <i>Spartina alterniflora</i> with alien <i>Sonneratia apetala</i> and its implications for invasion controls. <i>Ecological Engineering</i> , 2014, 73, 367-372.	3.6	27

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109	Nitrous oxide fluxes from three forest types of the tropical mountain rainforests on Hainan Island, China. <i>Atmospheric Environment</i> , 2014, 92, 469-477.	4.1	25
110	The carbon stock of alpine peatlands on the Qinghai-Tibetan Plateau during the Holocene and their future fate. <i>Quaternary Science Reviews</i> , 2014, 95, 151-158.	3.0	118
111	Relationship between Air Pollutants and Economic Development of the Provincial Capital Cities in China during the Past Decade. <i>PLoS ONE</i> , 2014, 9, e104013.	2.5	46
112	Spatial Pattern of Dissolved Organic Carbon and its Specific Ultraviolet Absorbance under Different Scales in a Wetland Complex on the Eastern Tibetan Plateau. <i>Ekoloji</i> , 2014, , 16-21.	0.4	4
113	Effects of grazing on CO ₂ balance in a semiarid steppe: field observations and modeling. <i>Journal of Soils and Sediments</i> , 2013, 13, 1012-1023.	3.0	19
114	Soil available nitrogen, dissolved organic carbon and microbial biomass content along altitudinal gradient of the eastern slope of Gongga Mountain. <i>Acta Ecologica Sinica</i> , 2013, 33, 266-271.	1.9	16
115	Nitrous oxide emissions from the surface of the Three Gorges Reservoir. <i>Ecological Engineering</i> , 2013, 60, 150-154.	3.6	33
116	Methane emissions from rice paddies natural wetlands, lakes in China: synthesis new estimate. <i>Global Change Biology</i> , 2013, 19, 19-32.	9.5	166
117	The impacts of climate change and human activities on biogeochemical cycles on the Qinghai-Tibetan Plateau. <i>Global Change Biology</i> , 2013, 19, 2940-2955.	9.5	670
118	Monitoring and estimating drought-induced impacts on forest structure, growth, function, and ecosystem services using remote-sensing data: recent progress and future challenges. <i>Environmental Reviews</i> , 2013, 21, 103-115.	4.5	53
119	Assessing the spatio-temporal variation and uncertainty patterns of historical and future projected water resources in China. <i>Journal of Water and Climate Change</i> , 2013, 4, 302-316.	2.9	1
120	Inter-Annual Variations of Methane Emission from an Open Fen on the Qinghai-Tibetan Plateau: A Three-Year Study. <i>PLoS ONE</i> , 2013, 8, e53878.	2.5	27
121	Spatiotemporal Variations in Nitrous Oxide Emissions from an Open Fen on the Qinghai-Tibetan Plateau: a 3-Year Study. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 6025-6034.	2.4	7
122	Regional drought-induced reduction in the biomass carbon sink of Canada's boreal forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2423-2427.	7.1	225
123	Effects of drought on the archaeal community in soil of the Zoige wetlands of the Qinghai-Tibetan plateau. <i>European Journal of Soil Biology</i> , 2012, 52, 84-90.	3.2	41
124	The combined effects of warming and drying suppress CO ₂ and N ₂ O emission rates in an alpine meadow of the eastern Tibetan Plateau. <i>Ecological Research</i> , 2012, 27, 725-733.	1.5	63
125	High Carbon Dioxide Evasion from an Alpine Peatland Lake: The Central Role of Terrestrial Dissolved Organic Carbon Input. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2563-2569.	2.4	16
126	Relationship between archaeal community structure and vegetation type in a fen on the Qinghai-Tibetan Plateau. <i>Biology and Fertility of Soils</i> , 2012, 48, 349-356.	4.3	25

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127	Interactive Effects of Canopy Gap, Liming and Understory Control on Aboveground Growth of Yellow Birch and Sugar Maple Seedlings. <i>Ekoloji</i> , 2012, 21, 1-8.	0.4	2
128	Methane emissions from the surface of the Three Gorges Reservoir. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	150
129	Delayed spring phenology on the Tibetan Plateau may also be attributable to other factors than winter and spring warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E93; author reply E95.	7.1	68
130	A drought-induced pervasive increase in tree mortality across Canada's boreal forests. <i>Nature Climate Change</i> , 2011, 1, 467-471.	18.8	653
131	Methane production in relation with temperature, substrate and soil depth in Zoige wetlands on Tibetan Plateau. <i>Acta Ecologica Sinica</i> , 2011, 31, 121-125.	1.9	10
132	Unexpected CH ₄ emission from the Three Gorges Reservoir and its implications. <i>Acta Ecologica Sinica</i> , 2011, 31, 233-234.	1.9	5
133	Detecting One-Hundred-Year Environmental Changes in Western China Using Seven-Year Repeat Photography. <i>PLoS ONE</i> , 2011, 6, e25008.	2.5	10
134	Nitrous oxide fluxes from the littoral zone of a lake on the Qinghai-Tibetan Plateau. <i>Environmental Monitoring and Assessment</i> , 2011, 182, 545-553.	2.7	22
135	Methane Fluxes from Alpine Wetlands of Zoige Plateau in Relation to Water Regime and Vegetation under Two Scales. <i>Water, Air, and Soil Pollution</i> , 2011, 217, 173-183.	2.4	30
136	Effectiveness of Exclosures on Restoration of Degraded Alpine Meadow in the Eastern Tibetan Plateau. <i>Arid Land Research and Management</i> , 2011, 25, 164-175.	1.6	25
137	Nitrous Oxide Emissions from Newly Created Littoral Marshes in the Drawdown Area of the Three Gorges Reservoir, China. <i>Water, Air, and Soil Pollution</i> , 2010, 211, 25-33.	2.4	17
138	Diurnal variation of methane emissions from an alpine wetland on the eastern edge of Qinghai-Tibetan Plateau. <i>Environmental Monitoring and Assessment</i> , 2010, 164, 21-28.	2.7	31
139	Spatial variations on methane emissions from Zoige alpine wetlands of Southwest China. <i>Science of the Total Environment</i> , 2009, 407, 1097-1104.	8.0	59
140	High methane emissions from a littoral zone on the Qinghai-Tibetan Plateau. <i>Atmospheric Environment</i> , 2009, 43, 4995-5000.	4.1	50
141	Methane emissions from newly created marshes in the drawdown area of the Three Gorges Reservoir. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	97
142	Aftermath of the Wenchuan earthquake. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 72-72.	4.0	11
143	Determinants influencing seasonal variations of methane emissions from alpine wetlands in Zoige Plateau and their implications. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	68