

Ryusuke Hatano

List of Publications by Year in descending order

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185
papers

5,343
citations

94381

37
h-index

123376

61
g-index

192
all docs

192
docs citations

192
times ranked

5130
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of fire on soil organic carbon, soil total nitrogen, and soil properties under rotational shifting cultivation in northern Thailand. <i>Journal of Environmental Management</i> , 2022, 302, 113978.	3.8	21
2	Carbon, Nitrogen and Water Footprints of Organic Rice and Conventional Rice Production over 4 Years of Cultivation: A Case Study in the Lower North of Thailand. <i>Agronomy</i> , 2022, 12, 380.	1.3	28
3	Soil priorities in Japan. <i>Geoderma Regional</i> , 2022, 28, e00485.	0.9	0
4	Assessing Soil Organic Carbon, Soil Nutrients and Soil Erodibility under Terraced Paddy Fields and Upland Rice in Northern Thailand. <i>Agronomy</i> , 2022, 12, 537.	1.3	12
5	Hokkaido Region. <i>World Soils Book Series</i> , 2021, , 135-184.	0.1	0
6	Agricultural soil management to reduce N ₂ O emission. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 694, 012003.	0.2	0
7	Spatial Evaluation of Greenhouse Gas Fluxes in a Sasa (Dwarf Bamboo) Invaded Wetland Ecosystem in Central Hokkaido, Japan. <i>Atmosphere</i> , 2021, 12, 448.	1.0	1
8	Effects of Three Types of Organic Fertilizers on Greenhouse Gas Emissions in a Grassland on Andosol in Southern Hokkaido, Japan. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	19
9	Evaluation of CH ₄ Emission in Two Paddy Field Areas, Khonkaen and Ayutthaya, in Thailand. <i>Agriculture (Switzerland)</i> , 2021, 11, 467.	1.4	0
10	Impact of burning on soil organic carbon of maize-upland rice system in Mae Chaem Basin of Northern Thailand. <i>Geoderma</i> , 2021, 392, 115002.	2.3	13
11	Soils and sustainable development goals of the United Nations: An International Union of Soil Sciences perspective. <i>Geoderma Regional</i> , 2021, 25, e00398.	0.9	133
12	Response of hydrological processes to climate and land use changes in Hiso River watershed, Fukushima, Japan. <i>Physics and Chemistry of the Earth</i> , 2021, 123, 103010.	1.2	6
13	Effects of Long-Term Nitrogen Fertilization and Ground Water Level Changes on Soil CO ₂ Fluxes from Oil Palm Plantation on Tropical Peatland. <i>Atmosphere</i> , 2021, 12, 1340.	1.0	3
14	Do tillage and conversion of grassland to cropland always deplete soil organic carbon?. <i>Soil Science and Plant Nutrition</i> , 2020, 66, 76-83.	0.8	12
15	Soil Organic Carbon in Sandy Paddy Fields of Northeast Thailand: A Review. <i>Agronomy</i> , 2020, 10, 1061.	1.3	54
16	Managing Soils for Recovering from the COVID-19 Pandemic. <i>Soil Systems</i> , 2020, 4, 46.	1.0	51
17	Soil carbon and nitrogen and tomato yield response to cover crop management. <i>Agronomy Journal</i> , 2020, 112, 1636-1648.	0.9	8
18	Dynamics of N Derived from ¹⁵ N-labeled Rye in Soil-tomato System as Influenced by Cover Crop Residue Management. <i>Horticulture Journal</i> , 2020, 89, 394-402.	0.3	3

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19	Carbon Sequestration and Contribution of CO ₂ , CH ₄ and N ₂ O Fluxes to Global Warming Potential from Paddy-Fallow Fields on Mineral Soil Beneath Peat in Central Hokkaido, Japan. <i>Agriculture (Switzerland)</i> , 2020, 10, 6.	1.4	23
20	Mass spectrometric multiple soil-gas flux measurement system with a portable high-resolution mass spectrometer (MULTUM) coupled to an automatic chamber for continuous field observations. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6657-6673.	1.2	3
21	Afforestation of loess soils: Old and new organic carbon in aggregates and density fractions. <i>Catena</i> , 2019, 177, 49-56.	2.2	22
22	Soil N ₂ O Emissions under Different N Rates in an Oil Palm Plantation on Tropical Peatland. <i>Agriculture (Switzerland)</i> , 2019, 9, 213.	1.4	15
23	Short-term land-use change from grassland to cornfield increases soil organic carbon and reduces total soil respiration. <i>Soil and Tillage Research</i> , 2019, 186, 1-10.	2.6	30
24	Impact of land use change on greenhouse gases emissions in peatland: a review. <i>International Agrophysics</i> , 2019, 33, 167-173.	0.7	18
25	Predicting local-scale impact of climate change on rice yield and soil organic carbon sequestration: A case study in Roi Et Province, Northeast Thailand. <i>Agricultural Systems</i> , 2018, 164, 58-70.	3.2	27
26	Effects of the ridge mulched system on soil water and inorganic nitrogen distribution in the Loess Plateau of China. <i>Agricultural Water Management</i> , 2018, 203, 277-288.	2.4	27
27	Evaluating the effect of liming on N ₂ O fluxes from denitrification in an Andosol using the acetylene inhibition and ¹⁵ N isotope tracer methods. <i>Biology and Fertility of Soils</i> , 2018, 54, 71-81.	2.3	22
28	Temporal Dynamics of Nitrous Oxide Emission and Nitrate Leaching in Renovated Grassland with Repeated Application of Manure and/or Chemical Fertilizer. <i>Atmosphere</i> , 2018, 9, 485.	1.0	2
29	Impact of Management Practices on Methane Emissions from Paddy Grown on Mineral Soil over Peat in Central Hokkaido, Japan. <i>Atmosphere</i> , 2018, 9, 212.	1.0	3
30	Variation in Soil Properties Regulate Greenhouse Gas Fluxes and Global Warming Potential in Three Land Use Types on Tropical Peat. <i>Atmosphere</i> , 2018, 9, 465.	1.0	21
31	Changes of Soil C Stock under Establishment and Abandonment of Arable Lands in Permafrost Area—Central Yakutia. <i>Atmosphere</i> , 2018, 9, 308.	1.0	6
32	Integrated Effects of Land Use and Topography on Streamflow Response to Precipitation in an Agriculture-Forest Dominated Northern Watershed. <i>Water (Switzerland)</i> , 2018, 10, 633.	1.2	9
33	Carbon stock estimation and changes associated with thermokarst activity, forest disturbance, and land use changes in Eastern Siberia. <i>Geoderma Regional</i> , 2018, 14, e00171.	0.9	6
34	The effect of organic matter application on carbon sequestration and soil fertility in upland fields of different types of Andosols. <i>Soil Science and Plant Nutrition</i> , 2017, 63, 200-220.	0.8	40
35	Practices sustaining soil organic matter and rice yield in a tropical monsoon region. <i>Soil Science and Plant Nutrition</i> , 2017, , 1-14.	0.8	11
36	Nitrous and nitric oxide emissions from a cornfield and managed grassland: 11 years of continuous measurement with manure and fertilizer applications, and land-use change. <i>Soil Science and Plant Nutrition</i> , 2017, 63, 185-199.	0.8	16

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37	Effect of groundwater level fluctuation on soil respiration rate of tropical peatland in Central Kalimantan, Indonesia. <i>Soil Science and Plant Nutrition</i> , 2017, 63, 1-13.	0.8	40
38	Modeling the biomass of energy crops: Descriptions, strengths and prospective. <i>Journal of Integrative Agriculture</i> , 2017, 16, 1197-1210.	1.7	19
39	Comparison of Langmuir and Freundlich adsorption equations within the SWAT-K model for assessing potassium environmental losses at basin scale. <i>Agricultural Water Management</i> , 2017, 180, 205-211.	2.4	59
40	Mitigating Global Warming Potential and Greenhouse Gas Intensities by Applying Composted Manure in Cornfield: A 3-Year Field Study in an Andosol Soil. <i>Agriculture (Switzerland)</i> , 2017, 7, 13.	1.4	19
41	Effects of soil water content and grass recycling on N ₂ O emission in an urban lawn under laboratory incubation study. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
42	Understory Dwarf Bamboo Affects Microbial Community Structures and Soil Properties in a <i>Betula ermanii</i> Forest in Northern Japan. <i>Microbes and Environments</i> , 2017, 32, 103-111.	0.7	5
43	Estimating agro-ecosystem carbon balance of northern Japan, and comparing the change in carbon stock by soil inventory and net biome productivity. <i>Science of the Total Environment</i> , 2016, 554-555, 293-302.	3.9	9
44	Physiological and Genotypic Characteristics of Nitrous Oxide (N ₂ O)-Emitting <i>Pseudomonas</i> Species Isolated from Dent Corn Andisol Farmland in Hokkaido, Japan. <i>Microbes and Environments</i> , 2016, 31, 93-103.	0.7	12
45	Methane and Nitrous Oxide Emissions from Tropical Peat Soil. , 2016, , 339-351.		6
46	Evaluation of greenhouse gas emissions in a <i>Miscanthus sinensis</i> -dominated semi-natural grassland in Kumamoto, Japan. <i>Soil Science and Plant Nutrition</i> , 2016, 62, 80-89.	0.8	2
47	Assessing potassium environmental losses from a dairy farming watershed with the modified SWAT model. <i>Agricultural Water Management</i> , 2016, 175, 91-104.	2.4	8
48	Manure application has an effect on the carbon budget of a managed grassland in southern Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2015, 61, 856-872.	0.8	12
49	Effect of manure application on seasonal carbon fluxes in a temperate managed grassland in Southern Hokkaido, Japan. <i>Catena</i> , 2015, 133, 474-485.	2.2	9
50	Estimating sediment and particulate organic nitrogen and particulate organic phosphorous yields from a volcanic watershed characterized by forest and agriculture using SWAT model. <i>Annales De Limnologie</i> , 2015, 51, 23-35.	0.6	11
51	Water connectivity in hillslope of upland riparian zone and the implication for stream nitrate-N export during rain events in an agricultural and forested watershed. <i>Environmental Earth Sciences</i> , 2015, 74, 4535-4547.	1.3	1
52	Hierarchical Bayesian models for soil CO ₂ flux using soil texture: a case study in central Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2015, 61, 116-132.	0.8	13
53	Snowmelt and the hydrological interaction of forest-grassland ecosystems in Central Yakutia, eastern Siberia. <i>Hydrological Processes</i> , 2015, 29, 3074-3083.	1.1	10
54	Evaluation of N ₂ O and CO ₂ hot moments in managed grassland and cornfield, southern Hokkaido, Japan. <i>Catena</i> , 2015, 133, 1-13.	2.2	15

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55	Factors controlling the long-term temporal and spatial patterns of nitrate-nitrogen export in a dairy farming watershed. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 206.	1.3	6
56	Hierarchical Bayesian calibration of nitrous oxide (N ₂ O) and nitrogen monoxide (NO) flux module of an agro-ecosystem model: ECOSSE. <i>Ecological Modelling</i> , 2015, 316, 14-27.	1.2	8
57	Nitrous oxide fluxes from soil under different crops and fertilizer management. <i>Plant, Soil and Environment</i> , 2015, 61, 385-392.	1.0	6
58	Modeling Poned Infiltration in Fine Textured Soils with Coarse Interlayer. <i>Soil Science Society of America Journal</i> , 2014, 78, 745-753.	1.2	24
59	Effect of plant-mediated oxygen supply and drainage on greenhouse gas emission from a tropical peatland in Central Kalimantan, Indonesia. <i>Soil Science and Plant Nutrition</i> , 2014, 60, 216-230.	0.8	24
60	Flood effect on CH ₄ emission from the alas in Central Yakutia, East Siberia. <i>Soil Science and Plant Nutrition</i> , 2014, 60, 242-253.	0.8	10
61	Simulation of stream nitrate-nitrogen export using the Soil and Water Assessment Tool model in a dairy farming watershed with an external water source. <i>Journal of Soils and Water Conservation</i> , 2014, 69, 75-85.	0.8	6
62	A methanotrophic community in a tropical peatland is unaffected by drainage and forest fires in a tropical peat soil. <i>Soil Science and Plant Nutrition</i> , 2014, 60, 577-585.	0.8	48
63	Real time monitoring of gases emitted from soils using a multi-turn time-of-flight mass spectrometer. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 2752-2757.	1.7	5
64	Seasonal carbon dynamics and the effects of manure application on carbon budget of a managed grassland in a temperate, humid region in Japan. <i>Grassland Science</i> , 2014, 60, 76-91.	0.6	14
65	Land use change affects microbial biomass and fluxes of carbon dioxide and nitrous oxide in tropical peatlands. <i>Soil Science and Plant Nutrition</i> , 2014, 60, 423-434.	0.8	30
66	Factors controlling nitrogen and dissolved organic carbon exports across timescales in two watersheds with different land uses. <i>Hydrological Processes</i> , 2014, 28, 5105-5121.	1.1	28
67	Mitigation Effect of Farmyard Manure Application on Greenhouse Gas Emissions from Managed Grasslands in Japan. , 2014, , 313-325.		3
68	Effects of methyl viologen dichloride and other chemicals on nitrous oxide (N ₂ O) emission and repression by pseudomonad denitrifiers isolated from corn farmland soil in Hokkaido, Japan. <i>Journal of Pesticide Sciences</i> , 2014, 39, 115-120.	0.8	7
69	Soil CO ₂ Fluxes from Different Ages of Oil Palm in Tropical Peatland of Sarawak, Malaysia. , 2014, , 447-455.		1
70	Characteristics of fire-generated gas emission observed during a large peatland fire in 2009 at Kalimantan, Indonesia. <i>Atmospheric Environment</i> , 2013, 74, 177-181.	1.9	21
71	Carbon dioxide exchange at four intensively managed grassland sites across different climate zones of Japan and the influence of manure application on ecosystem carbon and greenhouse gas budgets. <i>Agricultural and Forest Meteorology</i> , 2013, 177, 57-68.	1.9	31
72	The effect of fertilizer and manure application on CH ₄ and N ₂ O emissions from managed grasslands in Japan. <i>Soil Science and Plant Nutrition</i> , 2013, 59, 69-86.	0.8	36

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73	Soil carbon stocks and carbon sequestration rates in seminatural grassland in Aso region, Kumamoto, Southern Japan. <i>Global Change Biology</i> , 2013, 19, 1676-1687.	4.2	21
74	SOIL CO ₂ FLUXES FROM DIFFERENT AGES OF OIL PALM IN TROPICAL PEATLAND OF SARAWAK, MALAYSIA AS INFLUENCED BY ENVIRONMENTAL AND SOIL PROPERTIES. <i>Acta Horticulturae</i> , 2013, , 25-35.	0.1	28
75	Single and Sequential Extraction of Cadmium in Some Highly Calcareous Soils of Southwestern Iran. <i>Journal of Soil Science and Plant Nutrition</i> , 2013, , 0-0.	1.7	4
76	Soil greenhouse gas fluxes and net global warming potential from intensively cultivated vegetable fields in southwestern China. <i>Journal of Soil Science and Plant Nutrition</i> , 2013, , 0-0.	1.7	7
77	N ₂ O emissions during the freezing and thawing periods from six fields in a livestock farm, southern Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2012, 58, 261-271.	0.8	25
78	Influence of Agricultural Activity on Nitrogen Budget in Chinese and Japanese Watersheds. <i>Pedosphere</i> , 2012, 22, 137-151.	2.1	13
79	Coupled control of land use and topography on nitrate-nitrogen dynamics in three adjacent watersheds. <i>Catena</i> , 2012, 97, 1-11.	2.2	19
80	Spatial variation of denitrification potential of grassland, windbreak forest, and riparian forest soils in an agricultural catchment in eastern Hokkaido, Japan. <i>Ecological Engineering</i> , 2012, 47, 92-100.	1.6	31
81	Active N ₂ O emission from bacterial microbiota of Andisol farmland and characterization of some N ₂ O emitters. <i>Journal of Basic Microbiology</i> , 2012, 52, 477-486.	1.8	13
82	Simulated nitrogen inputs influence methane and nitrous oxide fluxes from a young larch plantation in northern Japan. <i>Atmospheric Environment</i> , 2012, 46, 36-44.	1.9	32
83	Comparisons of energy balance and evapotranspiration between flooded and aerobic rice fields in the Philippines. <i>Agricultural Water Management</i> , 2011, 98, 1417-1430.	2.4	124
84	Carbon budget and methane and nitrous oxide emissions over the growing season in a <i>Miscanthus sinensis</i> grassland in Tomakomai, Hokkaido, Japan. <i>GCB Bioenergy</i> , 2011, 3, 116-134.	2.5	34
85	Nitrous oxide emission derived from soil organic matter decomposition from tropical agricultural peat soil in central Kalimantan, Indonesia. <i>Soil Science and Plant Nutrition</i> , 2011, 57, 436-451.	0.8	43
86	Greenhouse gas emissions after a prescribed fire in white birch-dwarf bamboo stands in northern Japan, focusing on the role of charcoal. <i>European Journal of Forest Research</i> , 2011, 130, 1031-1044.	1.1	22
87	Effects of soil aggregate size, moisture content and fertilizer management on nitrous oxide production in a volcanic ash soil. <i>Soil Science and Plant Nutrition</i> , 2011, 57, 733-747.	0.8	26
88	Modeling the Water Balance Processes for Understanding the Components of River Discharge in a Non-conservative Watershed. <i>Transactions of the ASABE</i> , 2011, 54, 2171-2180.	1.1	19
89	Greenhouse Gas Fluxes: Effects of Physical Conditions. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 339-351.	0.1	0
90	Eco-balance analysis of land use combinations to minimize environmental impacts and maximize farm income in northern Japan. <i>Sustainability Science</i> , 2010, 5, 19-27.	2.5	5

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91	Soil and stream water acidification in a forested catchment in central Japan. <i>Biogeochemistry</i> , 2010, 97, 141-158.	1.7	42
92	Comparison of N ₂ O and CO ₂ concentrations and fluxes in the soil profile between a Gray Lowland soil and an Andosol. <i>Soil Science and Plant Nutrition</i> , 2010, 56, 186-199.	0.8	36
93	Effect of chemical fertilizer and manure application on N ₂ O emission from reed canary grassland in Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2010, 56, 53-65.	0.8	44
94	Effects of changes in the soil environment associated with heavy precipitation on soil greenhouse gas fluxes in a Siberian larch forest near Yakutsk. <i>Soil Science and Plant Nutrition</i> , 2010, 56, 645-662.	0.8	19
95	Effects of environmental factors on temporal variation in annual carbon dioxide and nitrous oxide emissions from an unfertilized bare field on Gray Lowland soil in Mikasa, Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2010, 56, 663-675.	0.8	13
96	Nitrous oxide emissions and nitrogen cycling in managed grassland in Southern Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2010, 56, 676-688.	0.8	20
97	Clear increases in acetylene reduction by soil bacteria from an East Siberian Taiga forest bed under conditions mimicking the natural soil environment. <i>Soil Science and Plant Nutrition</i> , 2010, 56, 716-724.	0.8	6
98	Variation of Soil Respiration from Different Land Uses in Subtropical Agricultural Soils, Central China. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	0
99	Hydrological process controls on nitrogen export during storm events in an agricultural watershed. <i>Soil Science and Plant Nutrition</i> , 2010, 56, 72-85.	0.8	44
100	Diffusivity Models and Greenhouse Gases Fluxes from a Forest, Pasture, Grassland and Corn Field in Northern Hokkaido, Japan. <i>Pedosphere</i> , 2010, 20, 747-760.	2.1	15
101	High Rate of N ₂ Fixation by East Siberian Cryophilic Soil Bacteria as Determined by Measuring Acetylene Reduction in Nitrogen-Poor Medium Solidified with Gellan Gum. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2811-2819.	1.4	35
102	Linking N ₂ O emission to soil mineral N as estimated by CO ₂ emission and soil C/N ratio. <i>Soil Biology and Biochemistry</i> , 2009, 41, 2593-2597.	4.2	23
103	Characteristics and issues related to regional-scale modeling of nitrogen flows. <i>Soil Science and Plant Nutrition</i> , 2009, 55, 1-12.	0.8	20
104	CH ₄ emission from different stages of thermokarst formation in Central Yakutia, East Siberia. <i>Soil Science and Plant Nutrition</i> , 2009, 55, 558-570.	0.8	38
105	New method for the estimation of nitrous oxide emission rates from an agricultural watershed. <i>Soil Science and Plant Nutrition</i> , 2009, 55, 590-598.	0.8	1
106	Nitrogen budget and relationships with riverine nitrogen exports of a dairy cattle farming catchment in eastern Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2009, 55, 800-819.	0.8	29
107	The effect of manure application on carbon dynamics and budgets in a managed grassland of Southern Hokkaido, Japan. <i>Agriculture, Ecosystems and Environment</i> , 2009, 130, 31-40.	2.5	64
108	CO ₂ emission in a subtropical red paddy soil (Ultisol) as affected by straw and N-fertilizer applications: A case study in Southern China. <i>Agriculture, Ecosystems and Environment</i> , 2009, 131, 292-302.	2.5	132

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109	Assessment of river water quality during snowmelt and base flow periods in two catchment areas with different land use. <i>Environmental Monitoring and Assessment</i> , 2008, 137, 251-260.	1.3	21
110	Assessing the impact of phosphorus cycling on river water P concentration in Hokkaido. <i>Soil Science and Plant Nutrition</i> , 2008, 54, 310-317.	0.8	4
111	N ₂ O and CH ₄ fluxes from a volcanic grassland soil in Nasu, Japan: Comparison between manure plus fertilizer plot and fertilizer-only plot. <i>Soil Science and Plant Nutrition</i> , 2008, 54, 606-617.	0.8	22
112	Evaluation of the soil carbon budget under different upland cropping systems in central Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2008, 54, 650-661.	0.8	21
113	Nitrous oxide and nitric oxide fluxes from cornfield, grassland, pasture and forest in a watershed in Southern Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2008, 54, 662-680.	0.8	20
114	Comparison of the closed-chamber and gas concentration gradient methods for measurement of CO ₂ and N ₂ O fluxes in two upland field soils. <i>Soil Science and Plant Nutrition</i> , 2008, 54, 777-785.	0.8	37
115	Influence of forest disturbance on CO ₂ , CH ₄ and N ₂ O fluxes from larch forest soil in the permafrost taiga region of eastern Siberia. <i>Soil Science and Plant Nutrition</i> , 2008, 54, 938-949.	0.8	38
116	Nitrous oxide fluxes from upland soils in central Hokkaido, Japan. <i>Journal of Environmental Sciences</i> , 2008, 20, 1312-1322.	3.2	20
117	Emergence and behaviors of acid-tolerant <i>Janthinobacterium</i> sp. that evolves N ₂ O from deforested tropical peatland. <i>Soil Biology and Biochemistry</i> , 2008, 40, 116-125.	4.2	35
118	CH ₄ and N ₂ O emissions from a forest-tundra ecosystem in the permafrost taiga forest region, eastern Siberia, Russia. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	58
119	Analysis of the C ₂ H ₂ inhibition-based N ₂ O production curve to characterize the N ₂ O-reducing activity of denitrifying communities in soil. <i>Geoderma</i> , 2008, 146, 269-276.	2.3	15
120	Falling atmospheric pressure as a trigger for methane ebullition from peatland. <i>Global Biogeochemical Cycles</i> , 2007, 21, n/a-n/a.	1.9	159
121	An eco-balance approach to the evaluation of historical changes in nitrogen loads at a regional scale. <i>Agricultural Systems</i> , 2007, 94, 165-176.	3.2	20
122	Episodic release of methane bubbles from peatland during spring thaw. <i>Chemosphere</i> , 2007, 70, 165-171.	4.2	70
123	Methane emissions from five paddy fields with different amounts of rice straw application in central Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2007, 53, 95-101.	0.8	137
124	Effect of crop residue C:N ratio on N ₂ O emissions from Gray Lowland soil in Mikasa, Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2007, 53, 198-205.	0.8	134
125	Eco-balance analysis of six agricultural land uses in the Ikushunbetsu watershed. <i>Soil Science and Plant Nutrition</i> , 2007, 53, 373-386.	0.8	8
126	Variation in the emission factor of N ₂ O derived from chemical nitrogen fertilizer and organic matter: A case study of onion fields in Mikasa, Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2007, 53, 692-703.	0.8	32

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127	Nitrous oxide emissions from three ecosystems in tropical peatland of Sarawak, Malaysia. <i>Soil Science and Plant Nutrition</i> , 2007, 53, 792-805.	0.8	62
128	Fungal N ₂ O production in an arable peat soil in Central Kalimantan, Indonesia. <i>Soil Science and Plant Nutrition</i> , 2007, 53, 806-811.	0.8	55
129	Nitrogen Flow in the Rural Ecosystem of Mikasa City in Hokkaido, Japan. <i>Pedosphere</i> , 2006, 16, 264-272.	2.1	3
130	Evaluating Stream Water Quality through Land Use Analysis in Two Grassland Catchments. <i>Journal of Environmental Quality</i> , 2006, 35, 617-627.	1.0	49
131	Three years of nitrous oxide and nitric oxide emissions from silandic andosols cultivated with maize in Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2006, 52, 103-113.	0.8	36
132	Estimation of global warming potential from upland cropping systems in central Hokkaido, Japan. <i>Soil Science and Plant Nutrition</i> , 2006, 52, 371-377.	0.8	29
133	Effects of agricultural land-use change and forest fire on N ₂ O emission from tropical peatlands, Central Kalimantan, Indonesia. <i>Soil Science and Plant Nutrition</i> , 2006, 52, 662-674.	0.8	84
134	Short-term effect of urea on CH ₄ flux under the oil palm (<i>Elaeis guineensis</i>) on tropical peatland in Sarawak, Malaysia. <i>Soil Science and Plant Nutrition</i> , 2006, 52, 788-792.	0.8	8
135	Soil CO ₂ flux from three ecosystems in tropical peatland of Sarawak, Malaysia. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2005, 57, 1-11.	0.8	99
136	Impact of nitrogen cycling on stream water quality in a basin associated with forest, grassland, and animal husbandry, Hokkaido, Japan. <i>Ecological Engineering</i> , 2005, 24, 509-515.	1.6	21
137	Soil CO ₂ flux from three ecosystems in tropical peatland of Sarawak, Malaysia. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2005, 57, 1-11.	0.8	89
138	Methane fluxes from three ecosystems in tropical peatland of Sarawak, Malaysia. <i>Soil Biology and Biochemistry</i> , 2005, 37, 1445-1453.	4.2	120
139	Nitrogen Cycling with Respect to Environmental Load in Farm Systems in Southwest China. <i>Nutrient Cycling in Agroecosystems</i> , 2005, 73, 119-134.	1.1	17
140	Influence of long-term changes in nitrogen flows on the environment: A case study of a city in Hokkaido, Japan. <i>Nutrient Cycling in Agroecosystems</i> , 2005, 70, 271-282.	1.1	1
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