

Keisuke Ono

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

754
citations

16
h-index

24
g-index

51
ext. papers

955
ext. citations

4
avg, IF

3.63
L-index

#	Paper	IF	Citations
51	Trace gas and particle emissions from open burning of three cereal crop residues: Increase in residue moistness enhances emissions of carbon monoxide, methane, and particulate organic carbon. <i>Atmospheric Environment</i> , 2014 , 95, 36-44	5.3	57
50	Methane and nitrous oxide emissions from conventional and modified rice cultivation systems in South India. <i>Agriculture, Ecosystems and Environment</i> , 2018 , 252, 148-158	5.7	50
49	Apparent downward CO ₂ flux observed with open-path eddy covariance over a non-vegetated surface. <i>Theoretical and Applied Climatology</i> , 2008 , 92, 195-208	3	44
48	Development and evaluation of a paddy module for improving hydrological simulation in SWAT. <i>Agricultural Water Management</i> , 2014 , 137, 116-122	5.9	43
47	Chemical characterization and oxidative potential of particles emitted from open burning of cereal straws and rice husk under flaming and smoldering conditions. <i>Atmospheric Environment</i> , 2017 , 163, 118-127	5.3	39
46	Increasing canopy photosynthesis in rice can be achieved without a large increase in water use-A model based on free-air CO ₂ enrichment. <i>Global Change Biology</i> , 2018 , 24, 1321-1341	11.4	33
45	Canopy-scale relationships between stomatal conductance and photosynthesis in irrigated rice. <i>Global Change Biology</i> , 2013 , 19, 2209-20	11.4	32
44	The Impact of Sunlight Conditions on the Consistency of Vegetation Indices in Croplands: Effective Usage of Vegetation Indices from Continuous Ground-Based Spectral Measurements. <i>Remote Sensing</i> , 2015 , 7, 14079-14098	5	31
43	8 million phenological and sky images from 29 ecosystems from the Arctic to the tropics: the Phenological Eyes Network. <i>Ecological Research</i> , 2018 , 33, 1091-1092	1.9	27
42	Understanding the variability of water isotopologues in near-surface atmospheric moisture over a humid subtropical rice paddy in Tsukuba, Japan. <i>Journal of Hydrology</i> , 2016 , 533, 91-102	6	26
41	FLUXNET-CH ₄ : a global, multi-ecosystem dataset and analysis of methane seasonality from freshwater wetlands. <i>Earth System Science Data</i> , 2021 , 13, 3607-3689	10.5	23
40	Environmental Controls on Fallow Carbon Dioxide Flux in a Single-Crop Rice Paddy, Japan. <i>Land Degradation and Development</i> , 2015 , 26, 331-339	4.4	22
39	Quality Control for the Open-path Eddy Covariance Data. <i>J Agricultural Meteorology</i> , 2007 , 63, 125-138	1.1	22
38	How elevated CO ₂ affects our nutrition in rice, and how we can deal with it. <i>PLoS ONE</i> , 2019 , 14, e0212849	4.9	19
37	Coupling atmospheric ammonia exchange process over a rice paddy field with a multi-layer atmosphere-vegetation model. <i>Agricultural and Forest Meteorology</i> , 2013 , 180, 1-21	5.8	17
36	Inferring CO ₂ fertilization effect based on global monitoring land-atmosphere exchange with a theoretical model. <i>Environmental Research Letters</i> , 2020 , 15, 084009	6.2	16
35	Evapotranspiration in a rice paddy field over 13 crop years. <i>J Agricultural Meteorology</i> , 2017 , 73, 109-118	1.1	16

34	Validation of the DNDC-Rice model to discover problems in evaluating the nitrogen balance at a paddy-field scale for single-cropping of rice. <i>Nutrient Cycling in Agroecosystems</i> , 2013 , 95, 255-268	3.3	16
33	Cross-Validation of Open-Path and Closed-Path Eddy-Covariance Techniques for Observing Methane Fluxes. <i>Boundary-Layer Meteorology</i> , 2014 , 151, 95-118	3.4	15
32	A land surface model combined with a crop growth model for paddy rice (MATCRO-Rice v.1.1) □ Part1: Model description. <i>Geoscientific Model Development</i> , 2016 , 9, 4133-4154	6.3	14
31	Experimental evaluation of water vapour cross-sensitivity for accurate eddy covariance measurement of CO ₂ flux using open-path CO ₂ /H ₂ O gas analysers. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2014 , 66, 23803	3.3	13
30	Applicability of the Planar Fit Technique in Estimating Surface Fluxes over Flat Terrain using Eddy Covariance. <i>J Agricultural Meteorology</i> , 2008 , 64, 121-130	1.1	13
29	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	1.6	12
28	A Model of Silicon Dynamics in Rice: An Analysis of the Investment Efficiency of Si Transporters. <i>Frontiers in Plant Science</i> , 2017 , 8, 1187	6.2	12
27	A land surface model combined with a crop growth model for paddy rice (MATCRO-Rice v.1.1) □ Part2: Model validation. <i>Geoscientific Model Development</i> , 2016 , 9, 4155-4167	6.3	12
26	Atmosphere-rice paddy exchanges of inorganic particles and relevant gases during a week in winter and a week in summer. <i>J Agricultural Meteorology</i> , 2012 , 68, 55-68	1.1	11
25	Identifying dominant environmental predictors of freshwater wetland methane fluxes across diurnal to seasonal time scales. <i>Global Change Biology</i> , 2021 , 27, 3582-3604	11.4	11
24	Random Sampling Errors in CO ₂ Fluxes Measured by the Open-path Eddy Covariance Method and Their Influence on Estimating Annual Carbon Budget. <i>J Agricultural Meteorology</i> , 2007 , 63, 67-79	1.1	10
23	FluxPro as a realtime monitoring and surveilling system for eddy covariance flux measurement. <i>J Agricultural Meteorology</i> , 2015 , 71, 32-50	1.1	9
22	Effect of manure application on seasonal carbon fluxes in a temperate managed grassland in Southern Hokkaido, Japan. <i>Catena</i> , 2015 , 133, 474-485	5.8	8
21	Amelioration of the reactive nitrogen flux calculation by a day/night separation in weekly mean air concentration measurements. <i>Atmospheric Environment</i> , 2013 , 79, 462-471	5.3	7
20	Systematic Differences in CO ₂ Fluxes Measured by Open- and Closed-path Eddy Covariance Systems: Influence of Air Density Fluctuations Resulting from Temperature and Water Vapor Transfer. <i>J Agricultural Meteorology</i> , 2007 , 63, 139-155	1.1	7
19	Mitigation Potential and Yield-Scaled Global Warming Potential of Early-Season Drainage from a Rice Paddy in Tamil Nadu, India. <i>Agronomy</i> , 2018 , 8, 202	3.6	7
18	Free-air CO ₂ enrichment (FACE) net nitrogen fixation experiment at a paddy soil surface under submerged conditions. <i>Nutrient Cycling in Agroecosystems</i> , 2014 , 98, 57-69	3.3	6
17	Analysis of the spatial variation in the net ecosystem production of rice paddy fields using the diagnostic biosphere model, BEAMS. <i>Ecological Modelling</i> , 2012 , 247, 175-189	3	6

16	Exploring sub-daily to seasonal variations in methane exchange in a single-crop rice paddy in central Japan. <i>Atmospheric Environment</i> , 2018 , 179, 156-165	5.3	5
15	Isotopic disequilibrium between carbon assimilated and respired in a rice paddy as influenced by methanogenesis from CO ₂ . <i>Journal of Geophysical Research</i> , 2007 , 112,		5
14	Estimation of methane emission from rice paddy soils in Japan using the diagnostic ecosystem model. <i>J Agricultural Meteorology</i> , 2017 , 73, 133-139	1.1	5
13	Four-year monitoring of atmospheric ammonia using passive samplers at a single-crop rice paddy field in central Japan. <i>J Agricultural Meteorology</i> , 2013 , 69, 229-241	1.1	5
12	Field Validation of the DNDC-Rice Model for Methane and Nitrous Oxide Emissions from Double-Cropping Paddy Rice under Different Irrigation Practices in Tamil Nadu, India. <i>Agriculture (Switzerland)</i> , 2020 , 10, 355	3	5
11	Gap-filling eddy covariance methane fluxes: Comparison of machine learning model predictions and uncertainties at FLUXNET-CH ₄ wetlands. <i>Agricultural and Forest Meteorology</i> , 2021 , 308-309, 108528	5.8	5
10	Comparison of fallow season CO ₂ efflux from paddy soil estimated using laboratory incubation with eddy covariance-based flux. <i>J Agricultural Meteorology</i> , 2017 , 73, 140-145	1.1	4
9	Determination of rice paddy parameters in the global gross primary production capacity estimation algorithm using 6 years of JP-MSE flux observation data. <i>J Agricultural Meteorology</i> , 2017 , 73, 119-132	1.1	4
8	Seabird-affected taluses are denitrification hotspots and potential NO emitters in the High Arctic. <i>Scientific Reports</i> , 2018 , 8, 17261	4.9	3
7	Characteristics of Atmosphere-rice Paddy Exchange of Gaseous and Particulate Reactive Nitrogen in Terms of Nitrogen Input to a Single-cropping Rice Paddy Area in Central Japan. <i>Asian Journal of Atmospheric Environment</i> , 2017 , 11, 202-216	1.3	2
6	Influence of local land cover on meteorological conditions in farmland: Case study of a rice paddy field near Tsukuba City, Japan. <i>J Agricultural Meteorology</i> , 2018 , 74, 140-153	1.1	2
5	Development of an onsite computation scheme of eddy-covariance fluxes. <i>J Agricultural Meteorology</i> , 2015 , 71, 318-329	1.1	1
4	Nitrogen Aspects of the Free-Air CO ₂ Enrichment (FACE) Study for Paddy Rice Ecosystems 2020 , 331-340		1
3	Heat-Mitigation Effects of Irrigated Rice-Paddy Fields Under Changing Atmospheric Carbon Dioxide Based on a Coupled Atmosphere and Crop Energy-Balance Model. <i>Boundary-Layer Meteorology</i> , 2021 , 179, 447-476	3.4	1
2	Atmosphere-sea ice-ocean interaction study in Saroma-ko Lagoon, Hokkaido, Japan 2021. <i>Bulletin of Glaciological Research</i> , 2022 , 40, 1-17	0.4	0
1	Derivations and applications of the density correction for estimating surface flux 2012 , 12, 21-35		