

Atsuko Sugimoto

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,062
citations

471509

17
h-index

580821

25
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26
all docs

26
docs citations

26
times ranked

1503
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of snow manipulation on larch trees in the taiga forest ecosystem in northeastern Siberia. <i>Progress in Earth and Planetary Science</i> , 2022, 9, .	3.0	4
2	An extreme flood caused by a heavy snowfall over the Indigirka River basin in Northeastern Siberia. <i>Hydrological Processes</i> , 2020, 34, 522-537.	2.6	27
3	Effects of extreme drought and wet events for tree mortality: Insights from tree-ring width and carbon isotope ratio in a Siberian larch forest. <i>Ecohydrology</i> , 2019, 12, e2143.	2.4	38
4	Isotopic compositions of ground ice in near-surface permafrost in relation to vegetation and microtopography at the Taiga-Tundra boundary in the Indigirka River lowlands, northeastern Siberia. <i>PLoS ONE</i> , 2019, 14, e0223720.	2.5	5
5	Time lag and negative responses of forest greenness and tree growth to warming over circumboreal forests. <i>Global Change Biology</i> , 2018, 24, 4225-4237.	9.5	53
6	Effect of waterlogging on carbon isotope discrimination during photosynthesis in <i>Larix gmelinii</i> . <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 63-77.	1.0	8
7	Spatial and temporal variations of stable isotopes in precipitation in midlatitude coastal regions. <i>Hydrological Processes</i> , 2017, 31, 3029-3044.	2.6	14
8	Tree-ring analysis and modeling approaches yield contrary response of circumboreal forest productivity to climate change. <i>Global Change Biology</i> , 2017, 23, 5179-5188.	9.5	74
9	Radial Growth and Physiological Response of Coniferous Trees to Arctic Amplification. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2786-2803.	3.0	20
10	Contribution of transpiration to the atmospheric moisture in eastern Siberia estimated with isotopic composition of water vapour. <i>Ecohydrology</i> , 2014, 7, 197-208.	2.4	13
11	Factors controlling diurnal variation in the isotopic composition of atmospheric water vapour observed in the taiga, eastern Siberia. <i>Hydrological Processes</i> , 2013, 27, 2295-2305.	2.6	14
12	Nitrogen availability in the taiga forest ecosystem of northeastern Siberia. <i>Soil Science and Plant Nutrition</i> , 2013, 59, 427-441.	1.9	10
13	Reconstruction of soil moisture for the past 100 years in eastern Siberia by using $\delta^{13}\text{C}$ of larch tree rings. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1256-1265.	3.0	30
14	Analysis of methane production pathways in a riparian wetland of a temperate forest catchment, using $\delta^{13}\text{C}$ of pore water CH_4 and CO_2 . <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	14
15	Water sources in semiarid northeast Asia as revealed by field observations and isotope transport model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	54
16	Estimation of mean residence times of subsurface waters using seasonal variation in deuterium excess in a small headwater catchment in Japan. <i>Hydrological Processes</i> , 2007, 21, 308-322.	2.6	70
17	Temporal variation of $\delta^{13}\text{C}$ of larch leaves from a montane boreal forest in Mongolia. <i>Trees - Structure and Function</i> , 2007, 21, 479-490.	1.9	35
18	Seasonal course of translocation, storage and remobilization of ^{13}C pulse-labeled photoassimilate in naturally growing <i>Larix gmelinii</i> saplings. <i>New Phytologist</i> , 2006, 171, 793-804.	7.3	158

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19	Hydrogen Concentration and Stable Isotopic Composition of Methane in Bubble Gas Observed in a Natural Wetland. <i>Biogeochemistry</i> , 2006, 81, 33-44.	3.5	22
20	Seasonal variation in oxygen isotope composition of waters for a montane larch forest in Mongolia. <i>Trees - Structure and Function</i> , 2006, 20, 122-130.	1.9	37
21	Temporal photosynthetic carbon isotope signatures revealed in a tree ring through ^{13}C pulse-labelling. <i>Plant, Cell and Environment</i> , 2005, 28, 906-915.	5.7	34
22	Dynamics of methane in mesotrophic Lake Biwa, Japan. <i>Ecological Research</i> , 2005, 20, 377-385.	1.5	47
23	Carbon mineralization by termites in tropical forests, with emphasis on fungus combs. <i>Ecological Research</i> , 2005, 20, 453-460.	1.5	67
24	Isotopic composition and origin of snow over Siberia. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	24
25	Importance of permafrost as a source of water for plants in east Siberian taiga. <i>Ecological Research</i> , 2002, 17, 493-503.	1.5	190