

# Shunsuke Tei

## List of Publications by Year in descending order

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31  
papers

548  
citations

623188

14  
h-index

642321

23  
g-index

31  
all docs

31  
docs citations

31  
times ranked

679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal variations in carbon dioxide exchange fluxes at a taiga-tundra boundary ecosystem in Northeastern Siberia. <i>Polar Science</i> , 2021, 28, 100644.	0.5	2
2	Stable Water Isotope Assessment of Tundra Wetland Hydrology as a Potential Source of Arctic Riverine Dissolved Organic Carbon in the Indigirka River Lowland, Northeastern Siberia. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	1
3	Geographical, Climatological, and Biological Characteristics of Tree Radial Growth Response to Autumn Climate Change. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	2
4	Seasonality in Human Interest in Berry Plants Detection by Google Trends. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	3
5	Oxygen Isotope Compositions of Cellulose in Earlywood of <i>Larix cajanderi</i> Determined by Water Source Rather Than Leaf Water Enrichment in a Permafrost Ecosystem, Eastern Siberia. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006125.	1.3	3
6	An extreme flood caused by a heavy snowfall over the Indigirka River basin in Northeastern Siberia. <i>Hydrological Processes</i> , 2020, 34, 522-537.	1.1	27
7	Excessive positive response of model-simulated land net primary production to climate changes over circumboreal forests. <i>Plant-Environment Interactions</i> , 2020, 1, 102-121.	0.7	5
8	Direct measurement of leaf area index in a deciduous needle-leaf forest, eastern Siberia. <i>Polar Science</i> , 2020, 25, 100550.	0.5	7
9	Adaptation of Willows in River Lowlands to Flooding under Arctic Amplification: Evidence from Nitrogen Content and Stable Isotope Dynamics. <i>Wetlands</i> , 2020, 40, 2413-2424.	0.7	1
10	Detection of year-to-year spring and autumn bio-meteorological variations in siberian ecosystems. <i>Polar Science</i> , 2020, 25, 100534.	0.5	5
11	Photographic records of plant phenology and spring river flush timing in a river lowland ecosystem at the taiga-tundra boundary, northeastern Siberia. <i>Ecological Research</i> , 2020, 35, 717-723.	0.7	7
12	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.	1.1	38
13	Water-Carbon Cycle in Dendrochronology. <i>Ecological Studies</i> , 2019, , 153-173.	0.4	0
14	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.	1.1	5
15	Usability of water surface reflectance for the determination of riverine dissolved methane during extreme flooding in northeastern Siberia. <i>Polar Science</i> , 2019, 21, 186-194.	0.5	8
16	Multi-year effect of wetting on CH <sub>4</sub> flux at taiga-tundra boundary in northeastern Siberia deduced from stable isotope ratios of CH <sub>4</sub> . <i>Biogeosciences</i> , 2019, 16, 755-768.	1.3	10
17	Estimating methane emissions using vegetation mapping in the taiga-tundra boundary of a north-eastern Siberian lowland. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2019, 71, 1581004.	0.8	14
18	Strong and stable relationships between tree-ring parameters and forest-level carbon fluxes in a Siberian larch forest. <i>Polar Science</i> , 2019, 21, 146-157.	0.5	23

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19	Effects of climate dataset type on tree-ring analysis: A case study for Siberian forests. <i>Polar Science</i> , 2019, 21, 136-145.	0.5	4
20	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.	4.2	53
21	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.	0.7	37
22	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.	4.2	74
23	Radial Growth and Physiological Response of Coniferous Trees to Arctic Amplification. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2786-2803.	1.3	20
24	Reconciliation of top-down and bottom-up CO <sub>2</sub> fluxes in Siberian larch forest. <i>Environmental Research Letters</i> , 2017, 12, 125012.	2.2	13
25	Reconstructed July temperatures since AD 1800, based on a tree-ring chronology network in the Northwest Pacific region, and implied large-scale atmospheric-oceanic interaction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 203-209.	1.0	3
26	Reconstructed summer Palmer Drought Severity Index since 1850 AD based on $\delta^{13}C$ of larch tree rings in eastern Siberia. <i>Journal of Hydrology</i> , 2015, 529, 442-448.	2.3	22
27	Importance of soil moisture and N availability to larch growth and distribution in the Arctic taiga-tundra boundary ecosystem, northeastern Siberia. <i>Polar Science</i> , 2014, 8, 327-341.	0.5	35
28	Geocryological characteristics of the upper permafrost in a tundra-forest transition of the Indigirka River Valley, Russia. <i>Polar Science</i> , 2014, 8, 96-113.	0.5	37
29	Growth and physiological responses of larch trees to climate changes deduced from tree-ring widths and $\delta^{13}C$ at two forest sites in eastern Siberia. <i>Polar Science</i> , 2014, 8, 183-195.	0.5	35
30	Reconstruction of summer Palmer Drought Severity Index from $\delta^{13}C$ of larch tree rings in East Siberia. <i>Quaternary International</i> , 2013, 290-291, 275-281.	0.7	24
31	Reconstruction of soil moisture for the past 100 years in eastern Siberia by using $\delta^{13}C$ of larch tree rings. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1256-1265.	1.3	30