

Hisashi Sato

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,096
citations

1039406

9
h-index

1058022

14
g-index

24
all docs

24
docs citations

24
times ranked

2550
citing authors

#	ARTICLE	IF	CITATIONS
1	Vegetation demographics in Earth System Models: A review of progress and priorities. <i>Global Change Biology</i> , 2018, 24, 35-54.	4.2	478
2	SEIBâ€“DGVM: A new Dynamic Global Vegetation Model using a spatially explicit individual-based approach. <i>Ecological Modelling</i> , 2007, 200, 279-307.	1.2	330
3	Treeâ€“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
4	Endurance of larch forest ecosystems in eastern Siberia under warming trends. <i>Ecology and Evolution</i> , 2016, 6, 5690-5704.	0.8	47
5	Understanding the uncertainty in global forest carbon turnover. <i>Biogeosciences</i> , 2020, 17, 3961-3989.	1.3	45
6	Effect of plant dynamic processes on African vegetation responses to climate change: Analysis using the spatially explicit individualâ€“based dynamic global vegetation model (SEIBâ€“DGVM). <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	38
7	Effects of different representations of stomatal conductance response to humidity across the African continent under warmer CO ₂ â€“enriched climate conditions. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 979-988.	1.3	20
8	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
9	Current status and future of land surface models. <i>Soil Science and Plant Nutrition</i> , 2015, 61, 34-47.	0.8	13
10	Simulating interactions between topography, permafrost, and vegetation in Siberian larch forest. <i>Environmental Research Letters</i> , 2020, 15, 095006.	2.2	9
11	Representing subgridâ€“scale edaphic heterogeneity in a largeâ€“scale ecosystem model: A case study in the circumpolar boreal regions. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	7
12	Deficiencies of Phenology Models in Simulating Spatial and Temporal Variations in Temperate Spring Leaf Phenology. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	6
13	Topography Controls the Abundance of Siberian Larch Forest. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 106-116.	1.3	5
14	Predicting global terrestrial biomes with the LeNet convolutional neural network. <i>Geoscientific Model Development</i> , 2022, 15, 3121-3132.	1.3	4