Hisashi Sato

List of Publications by Year
in descending order

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	Deficiencies of Phenology Models in Simulating Spatial and Temporal Variations in Temperate Spring Leaf Phenology. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	6
2	Predicting global terrestrial biomes with the LeNet convolutional neural network. Geoscientific Model Development, 2022, 15, 3121-3132.	1.3	4
3	Simulating interactions between topography, permafrost, and vegetation in Siberian larch forest. Environmental Research Letters, 2020, 15, 095006.	2.2	9
4	Understanding the uncertainty in global forest carbon turnover. Biogeosciences, 2020, 17, 3961-3989.	1.3	45
5	Topography Controls the Abundance of Siberian Larch Forest. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 106-116.	1.3	5
6	Vegetation demographics in Earth System Models: A review of progress and priorities. Global Change Biology, 2018, 24, 35-54.	4.2	478
7	Treeâ€ring analysis and modeling approaches yield contrary response of circumboreal forest productivity to climate change. Global Change Biology, 2017, 23, 5179-5188.	4.2	74
8	Radial Growth and Physiological Response of Coniferous Trees to Arctic Amplification. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 2786-2803.	1.3	20
9	Endurance of larch forest ecosystems in eastern Siberia under warming trends. Ecology and Evolution, 2016, 6, 5690-5704.	0.8	47
10	Effects of different representations of stomatal conductance response to humidity across the African continent under warmer CO ₂ â€enriched climate conditions. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 979-988.	1.3	20
11	Current status and future of land surface models. Soil Science and Plant Nutrition, 2015, 61, 34-47.	0.8	13
12	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). Journal of Geophysical Research, 2012, 117, .	3.3	38
13	Representing subgridâ€scale edaphic heterogeneity in a largeâ€scale ecosystem model: A case study in the circumpolar boreal regions. Geophysical Research Letters, 2008, 35, .	1.5	7
14	SEIBâ€“DGVM: A new Dynamic Global Vegetation Model using a spatially explicit individual-based approach. Ecological Modelling, 2007, 200, 279-307.	1.2	330