Hisashi Sato

List of Publications by Year
in descending order

14 papers	1,096 citations	1040056 9 h-index	1058476 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. Global Change Biology, 2018, 24, 35-54.	9.5	478
2	SEIBâ€“DGVM: A new Dynamic Global Vegetation Model using a spatially explicit individual-based approach. Ecological Modelling, 2007, 200, 279-307.	2.5	330
3	Treeâ€ring analysis and modeling approaches yield contrary response of circumboreal forest productivity to climate change. Global Change Biology, 2017, 23, 5179-5188.	9.5	74
4	Endurance of larch forest ecosystems in eastern Siberia under warming trends. Ecology and Evolution, 2016, 6, 5690-5704.	1.9	47
5	Understanding the uncertainty in global forest carbon turnover. Biogeosciences, 2020, 17, 3961-3989.	3.3	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). Journal of Geophysical Research, 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. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 979-988.	3.0	20
8	Radial Growth and Physiological Response of Coniferous Trees to Arctic Amplification. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 2786-2803.	3.0	20
9	Current status and future of land surface models. Soil Science and Plant Nutrition, 2015, 61, 34-47.	1.9	13
10	Simulating interactions between topography, permafrost, and vegetation in Siberian larch forest. Environmental Research Letters, 2020, 15, 095006.	5.2	9
11	Representing subgridâ€scale edaphic heterogeneity in a largeâ€scale ecosystem model: A case study in the circumpolar boreal regions. Geophysical Research Letters, 2008, 35, .	4.0	7
12	Deficiencies of Phenology Models in Simulating Spatial and Temporal Variations in Temperate Spring Leaf Phenology. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	6
13	Topography Controls the Abundance of Siberian Larch Forest. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 106-116.	3.0	5
14	Predicting global terrestrial biomes with the LeNet convolutional neural network. Geoscientific Model Development, 2022, 15, 3121-3132.	3.6	4