Taehee Hwang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3714880/publications.pdf

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34 papers	1,703 citations	361045 20 h-index	377514 34 g-index
38 all docs	38 docs citations	38 times ranked	3074 citing authors

#	Article	IF	Citations
1	The Drought Response of Eastern US Oaks in the Context of Their Declining Abundance. BioScience, 2022, 72, 333-346.	2.2	9
2	With warming, spring streamflow peaks are more coupled with vegetation greenâ€up than snowmelt in the northeastern United States. Hydrological Processes, 2022, 36, .	1.1	6
3	Land cover change-induced decline in terrestrial gross primary production over the conterminous United States from 2001 to 2016. Agricultural and Forest Meteorology, 2021, 308-309, 108609.	1.9	10
4	Widespread Mismatch Between Phenology and Climate in Humanâ€Dominated Landscapes. AGU Advances, 2021, 2, .	2.3	10
5	Monitoring Forest Infestation and Fire Disturbance in the Southern Appalachian Using a Time Series Analysis of Landsat Imagery. Remote Sensing, 2020, 12, 2412.	1.8	7
6	Climate Change May Increase the Drought Stress of Mesophytic Trees Downslope With Ongoing Forest Mesophication Under a History of Fire Suppression. Frontiers in Forests and Global Change, 2020, 3, .	1.0	10
7	Downstream changes in river avulsion style are related to channel morphology. Nature Communications, 2020, 11, 2116.	5.8	49
8	El NiÃ±oâ€Southern Oscillationâ€Induced Variability of Terrestrial Gross Primary Production During the Satellite Era. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 2419-2431.	1.3	23
9	Ecosystem processes at the watershed scale: Influence of flowpath patterns of canopy ecophysiology on emergent catchment water and carbon cycling. Ecohydrology, 2019, 12, e2093.	1.1	19
10	Seasonal variation of source contributions to eddy-covariance CO2 measurements in a mixed hardwood-conifer forest. Agricultural and Forest Meteorology, 2018, 253-254, 71-83.	1.9	16
11	Atmospheric teleconnection influence on North American land surface phenology. Environmental Research Letters, 2018, 13, 034029.	2.2	19
12	Warmingâ€Induced Earlier Greenup Leads to Reduced Stream Discharge in a Temperate Mixed Forest Catchment. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1960-1975.	1.3	43
13	Nonstationary Hydrologic Behavior in Forested Watersheds Is Mediated by Climateâ€Induced Changes in Growing Season Length and Subsequent Vegetation Growth. Water Resources Research, 2018, 54, 5359-5375.	1.7	52
14	Increased water yield due to the hemlock woolly adelgid infestation in New England. Geophysical Research Letters, 2017, 44, 2327-2335.	1.5	29
15	Watershed impacts of climate and land use changes depend on magnitude and land use context. Ecohydrology, 2017, 10, e1870.	1.1	49
16	Capturing species-level drought responses in a temperate deciduous forest using ratios of photochemical reflectance indices between sunlit and shaded canopies. Remote Sensing of Environment, 2017, 199, 350-359.	4.6	21
17	Empirical evidence of El NiÃ±oâ€“Southern Oscillation influence on land surface phenology and productivity in the western United States. Remote Sensing of Environment, 2015, 159, 167-180.	4.6	44
18	Climate warming causes intensification of the hydrological cycle, resulting in changes to the vernal and autumnal windows in a northern temperate forest. Hydrological Processes, 2015, 29, 3519-3534.	1.1	47

#	Article	IF	Citations
19	Simulating vegetation controls on hurricaneâ€induced shallow landslides with a distributed ecohydrological model. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 361-378.	1.3	36
20	Effects of lateral nitrate flux and instream processes on dissolved inorganic nitrogen export in a forested catchment: A model sensitivity analysis. Water Resources Research, 2015, 51, 2680-2695.	1.7	18
21	Does consideration of water routing affect simulated water and carbon dynamics in terrestrial ecosystems?. Hydrology and Earth System Sciences, 2014, 18, 1423-1437.	1.9	17
22	Ecohydrological flow networks in the subsurface. Ecohydrology, 2014, 7, 1073-1078.	1.1	19
23	Widespread decline of Congo rainforest greenness in the past decade. Nature, 2014, 509, 86-90.	13.7	351
24	Divergent phenological response to hydroclimate variability in forested mountain watersheds. Global Change Biology, 2014, 20, 2580-2595.	4.2	71
25	Optical remote sensing of terrestrial ecosystem primary productivity. Progress in Physical Geography, 2013, 37, 834-854.	1.4	59
26	Ecosystem processes at the watershed scale: Mapping and modeling ecohydrological controls of landslides. Geomorphology, 2012, 137, 159-167.	1.1	40
27	Ecosystem processes at the watershed scale: Hydrologic vegetation gradient as an indicator for lateral hydrologic connectivity of headwater catchments. Water Resources Research, 2012, 48, .	1.7	82
28	Distributed Hydrologic Modeling in the Suburban Landscape: Assessing Parameter Transferability from Gauged Reference Catchments¹. Journal of the American Water Resources Association, 2012, 48, 546-557.	1.0	12
29	Topography-mediated controls on local vegetation phenology estimated from MODIS vegetation index. Landscape Ecology, 2011, 26, 541-556.	1.9	119
30	Downscaling real-time vegetation dynamics by fusing multi-temporal MODIS and Landsat NDVI in topographically complex terrain. Remote Sensing of Environment, 2011, 115, 2499-2512.	4.6	119
31	Ecosystem processes at the watershed scale: Extending optimality theory from plot to catchment. Water Resources Research, 2009, 45, .	1.7	78
32	Topographic and ecologic controls on root reinforcement. Journal of Geophysical Research, 2009, 114, .	3.3	145
33	Evaluating drought effect on MODIS Gross Primary Production (GPP) with an ecoâ€hydrological model in the mountainous forest, East Asia. Global Change Biology, 2008, 14, 1037-1056.	4.2	69
34	Evaluation of a Hydro-ecologic Model, RHESSys (Regional Hydro-Ecologic Simulation System): Parameterization and Application at two Complex Terrain Watersheds. Korean Journal of Agricultural and Forest Meteorology, 2007, 9, 247-259.	0.2	5