

Nobuaki Tanaka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3323143/publications.pdf>

Version: 2024-02-01

44
papers

1,417
citations

394421

19
h-index

330143

37
g-index

44
all docs

44
docs citations

44
times ranked

2042
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of hydrological characteristics between a cypress and mixed-broadleaf forest: Implication on water resource and floods. <i>Journal of Hydrology</i> , 2021, 595, 125679.	5.4	6
2	A comparison of the baseflow recession constant (K) between a Japanese cypress and mixed-broadleaf forest via six estimation methods. <i>Sustainable Water Resources Management</i> , 2021, 7, 1.	2.1	4
3	Absorption and emission of water vapor from the bark of teak (<i>Tectona grandis</i>), a deciduous tree, in a tropical region during the dry season. <i>Hydrological Research Letters</i> , 2021, 15, 58-63.	0.5	2
4	Effects of changes in canopy interception on stream runoff response and recovery following clear-cutting of a Japanese coniferous forest in Fukuroyamasawa Experimental Watershed in Japan. <i>Hydrological Processes</i> , 2021, 35, e14177.	2.6	7
5	Soil erosion and overland flow in Japanese cypress plantations: spatio-temporal variations and a sampling strategy. <i>Hydrological Sciences Journal</i> , 2020, 65, 2322-2335.	2.6	4
6	Geographic Factors Explain the Variability of Atmospheric Deposition of Sulfur and Nitrogen onto Coniferous Forests Within and Beyond the Tokyo Metropolis. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	3
7	Climate classification of Asian university forests under current and future climate. <i>Journal of Forest Research</i> , 2020, 25, 136-146.	1.4	6
8	Influence of seasonality and climate on captures of wood-boring Coleoptera (Bostrichidae) of northern Thailand. <i>Journal of Forest Research</i> , 2020, 25, 223-231.	1.4	12
9	Throughfall partitioning by trees. <i>Hydrological Processes</i> , 2019, 33, 1698-1708.	2.6	53
10	Synthesis of star-shaped poly(<i>n</i> -butyl acrylate) oligomers with coumarin end groups and their networks for a UV-tunable viscoelastic material. <i>Journal of Polymer Science Part A</i> , 2018, 56, 9-15.	2.3	4
11	A Comparison between Wet-only and Bulk Deposition at Two Forest Sites in Japan. <i>Asian Journal of Atmospheric Environment</i> , 2018, 12, 67-77.	1.1	3
12	Whole-tree sap flux in <i>Quercus serrata</i> trees after three levels of partial sapwood removal to simulate Japanese oak wilt. <i>Ecohydrology</i> , 2017, 10, e1797.	2.4	2
13	Impacts of irrigation on the deciduous period of teak (<i>Tectona grandis</i>) in a monsoonal climate. <i>Canadian Journal of Forest Research</i> , 2017, 47, 1193-1201.	1.7	4
14	Impact of Plant Functional Types on Coherence Between Precipitation and Soil Moisture: A Wavelet Analysis. <i>Geophysical Research Letters</i> , 2017, 44, 12,197.	4.0	31
15	What factors are most influential in governing stemflow production from plantation-grown teak trees?. <i>Journal of Hydrology</i> , 2017, 544, 10-20.	5.4	31
16	Water budget and rainfall to runoff processes in a seasonal tropical watershed in northern Thailand. <i>Hydrological Research Letters</i> , 2017, 11, 149-154.	0.5	4
17	Look my Own Research with Fresh Eyes. <i>Suimon Mizu Shigen Gakkaishi</i> , 2017, 30, 127-127.	0.1	0
18	Separating physical and biological controls on long-term evapotranspiration fluctuations in a tropical deciduous forest subjected to monsoonal rainfall. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1262-1278.	3.0	18

#	ARTICLE	IF	CITATIONS
19	Earlier Leaf Flush Associated with Increased Teak Defoliation. <i>Forest Science</i> , 2015, 61, 1009-1020.	1.0	3
20	Throughfall under a teak plantation in Thailand: a multifactorial analysis on the effects of canopy phenology and meteorological conditions. <i>International Journal of Biometeorology</i> , 2015, 59, 1145-1156.	3.0	26
21	Development of a simple forest evapotranspiration model using a process-oriented model as a reference to parameterize data from a wide range of environmental conditions. <i>Ecological Modelling</i> , 2015, 309-310, 93-109.	2.5	27
22	Environmental control of canopy stomatal conductance in a tropical deciduous forest in northern Thailand. <i>Agricultural and Forest Meteorology</i> , 2015, 202, 1-10.	4.8	52
23	Inter-annual variation in the response of leaf-out onset to soil moisture increase in a teak plantation in northern Thailand. <i>International Journal of Biometeorology</i> , 2014, 58, 2025-2029.	3.0	16
24	Soil respiration in response to year-to-year variations in rainfall in a tropical seasonal forest in northern Thailand. <i>Ecohydrology</i> , 2013, 6, 134-141.	2.4	11
25	Seasonality of water and carbon dioxide exchanges at a teak plantation in northern Thailand. <i>Ecohydrology</i> , 2013, 6, 125-133.	2.4	2
26	Predicting Hydrographs for an Extremely Large Storm Event Using Tank Models Calibrated by Ordinary Storm Events. <i>Suimon Mizu Shigen Gakkaishi</i> , 2013, 26, 85-98.	0.1	2
27	Ten-year evapotranspiration estimates in a Bornean tropical rainforest. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 1183-1192.	4.8	105
28	Interannual variation in transpiration onset and its predictive indicator for a tropical deciduous forest in northern Thailand based on 8-year sap flow records. <i>Ecohydrology</i> , 2011, 4, 225-235.	2.4	20
29	Relationships between rainfall, fog and throughfall at a hill evergreen forest site in northern Thailand. <i>Hydrological Processes</i> , 2011, 25, 384-391.	2.6	23
30	Changes in groundwater level dynamics after low-impact forest harvesting in steep, small watersheds. <i>Journal of Hydrology</i> , 2010, 385, 120-131.	5.4	18
31	Modeling Seasonal Changes in the Temperature Lapse Rate in a Northern Thailand Mountainous Area. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 1233-1246.	1.5	13
32	Water budget and the consequent duration of canopy carbon gain in a teak plantation in a dry tropical region: Analysis using a soil-plant-air continuum multilayer model. <i>Ecological Modelling</i> , 2009, 220, 1534-1543.	2.5	11
33	The land-atmosphere water flux in the tropics. <i>Global Change Biology</i> , 2009, 15, 2694-2714.	9.5	198
34	Comparison of soil moisture dynamics between a tropical rain forest and a tropical seasonal forest in Southeast Asia: Impact of seasonal and year-to-year variations in rainfall. <i>Water Resources Research</i> , 2009, 45, .	4.2	45
35	Estimation of canopy water storage capacity from sap flow measurements in a Bornean tropical rainforest. <i>Journal of Hydrology</i> , 2008, 352, 288-295.	5.4	16
36	A review of evapotranspiration estimates from tropical forests in Thailand and adjacent regions. <i>Agricultural and Forest Meteorology</i> , 2008, 148, 807-819.	4.8	102

#	ARTICLE	IF	CITATIONS
37	Impact of soil drought on sap flow and water status of evergreen trees in a tropical monsoon forest in northern Thailand. <i>Forest Ecology and Management</i> , 2007, 238, 220-230.	3.2	109
38	Do coniferous forests evaporate more water than broad-leaved forests in Japan?. <i>Journal of Hydrology</i> , 2007, 336, 361-375.	5.4	115
39	Seasonality of vertically partitioned soil CO ₂ production in temperate and tropical forest. <i>Journal of Forest Research</i> , 2007, 12, 209-221.	1.4	35
40	Inter-annual variation in growing season length of a tropical seasonal forest in northern Thailand. <i>Forest Ecology and Management</i> , 2006, 229, 333-339.	3.2	67
41	Comparison of conventionally observed interception evaporation in a 100-m ² subplot with that estimated in a 4-ha area of the same Bornean lowland tropical forest. <i>Journal of Hydrology</i> , 2006, 329, 329-349.	5.4	46
42	Soil respiration and soil CO ₂ concentration in a tropical forest, Thailand. <i>Journal of Forest Research</i> , 2004, 9, 75-79.	1.4	75
43	Transpiration peak over a hill evergreen forest in northern Thailand in the late dry season: Assessing the seasonal changes in evapotranspiration using a multilayer model. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	86
44	Increase in stream water nitrate nitrogen concentrations caused by a disturbance to a forested catchment by Japanese oak wilt. <i>Journal of Forest Research</i> , 0, , 1-6.	1.4	0