

Heidi Asbjornsen

List of Publications by Year in descending order

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36
papers

911
citations

516710

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times ranked

1733
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate consequences of temperate forest conversion to open pasture or silvopasture. <i>Agriculture, Ecosystems and Environment</i> , 2022, 333, 107972.	5.3	6
2	Effects of irrigation on oil palm transpiration during ENSO-induced drought in the Brazilian Eastern Amazon. <i>Agricultural Water Management</i> , 2021, 245, 106569.	5.6	12
3	Sensitivity and threshold dynamics of <i>Pinus strobus</i> and <i>Quercus</i> spp. in response to experimental and naturally occurring severe droughts. <i>Tree Physiology</i> , 2021, 41, 1819-1835.	3.1	10
4	A comprehensive calibration and validation of SWAT-T using local datasets, evapotranspiration and streamflow in a tropical montane cloud forest area with permeable substrate in central Veracruz, Mexico. <i>Journal of Hydrology</i> , 2021, 603, 126781.	5.4	4
5	Effect of supplementary irrigation on the transpiration and reproductive development of oil palm trees during the dry season in Tabasco, Mexico. <i>Cahiers Agricultures</i> , 2021, 30, 41.	0.9	0
6	Biodiversity and carbon storage are correlated along a land use intensity gradient in a tropical montane forest watershed, Mexico. <i>Basic and Applied Ecology</i> , 2020, 44, 24-34.	2.7	21
7	Forest conversion to silvopasture and open pasture: effects on soil hydraulic properties. <i>Agroforestry Systems</i> , 2020, 94, 869-879.	2.0	9
8	Evaluating ecosystem service trade-offs along a land-use intensification gradient in central Veracruz, Mexico. <i>Ecosystem Services</i> , 2020, 45, 101181.	5.4	19
9	Differential and dynamic water regulation responses to El Niño for monospecific and mixed species planted forests. <i>Ecohydrology</i> , 2020, 13, e2238.	2.4	3
10	Land use change effects on catchment streamflow response in a humid tropical montane cloud forest region, central Veracruz, Mexico. <i>Hydrological Processes</i> , 2020, 34, 3555-3570.	2.6	15
11	Correcting tree-ring $\delta^{13}C$ time series for tree-size effects in eight temperate tree species. <i>Tree Physiology</i> , 2020, 40, 333-349.	3.1	17
12	Influence of forest-to-silvopasture conversion and drought on components of evapotranspiration. <i>Agriculture, Ecosystems and Environment</i> , 2020, 295, 106916.	5.3	16
13	Effects of heater wattage on sap flux density estimates using an improved tree-cut experiment. <i>Tree Physiology</i> , 2019, 39, 679-693.	3.1	2
14	Hydrological niche segregation defines forest structure and drought tolerance strategies in a seasonal Amazon forest. <i>Journal of Ecology</i> , 2019, 107, 318-333.	4.0	133
15	Drought Differentially Affects Growth, Transpiration, and Water Use Efficiency of Mixed and Monospecific Planted Forests. <i>Forests</i> , 2019, 10, 153.	2.1	13
16	Linking coordinated hydraulic traits to drought and recovery responses in a tropical montane cloud forest. <i>American Journal of Botany</i> , 2019, 106, 1316-1326.	1.7	8
17	Precipitation mediates sap flux sensitivity to evaporative demand in the neotropics. <i>Oecologia</i> , 2019, 191, 519-530.	2.0	14
18	Drought Effects on <i>Tectona grandis</i> Water Regulation Are Mediated by Thinning, but the Effects of Thinning Are Temporary. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	2.3	4

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19	Forage productivity and profitability in newly-established open pasture, silvopasture, and thinned forest production systems. <i>Agroforestry Systems</i> , 2019, 93, 51-65.	2.0	34
20	Emerging issues in tropical ecohydrology preface. <i>Ecohydrology</i> , 2018, 11, e1970.	2.4	2
21	Why size matters: the interactive influences of tree diameter distribution and sap flow parameters on upscaled transpiration. <i>Tree Physiology</i> , 2018, 38, 263-275.	3.1	15
22	The two water worlds hypothesis: Addressing multiple working hypotheses and proposing a way forward. <i>Ecohydrology</i> , 2018, 11, e1843.	2.4	90
23	Ecohydrological drivers of Neotropical vegetation in montane ecosystems. <i>Ecohydrology</i> , 2018, 11, e1932.	2.4	40
24	ENSO effects on the transpiration of eastern Amazon trees. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20180085.	4.0	28
25	Guidelines and considerations for designing field experiments simulating precipitation extremes in forest ecosystems. <i>Methods in Ecology and Evolution</i> , 2018, 9, 2310-2325.	5.2	24
26	Evaluating climate signal recorded in tree-ring $\delta^{13}C$ and $\delta^{18}O$ values from bulk wood and α -cellulose for six species across four sites in the northeastern US. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 2081-2091.	1.5	16
27	Are Northeastern U.S. forests vulnerable to extreme drought?. <i>Ecological Processes</i> , 2017, 6, .	3.9	15
28	Interactions between payments for hydrologic services, landowner decisions, and ecohydrological consequences: synergies and disconnection in the cloud forest zone of central Veracruz, Mexico. <i>Ecology and Society</i> , 2017, 22, .	2.3	43
29	Evapotranspiration and water use efficiency in relation to climate and canopy nitrogen in U.S. forests. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2610-2629.	3.0	43
30	Plant carbon and water fluxes in tropical montane cloud forests. <i>Journal of Tropical Ecology</i> , 2016, 32, 404-420.	1.1	21
31	Response of <i>Quercus velutina</i> growth and water use efficiency to climate variability and nitrogen fertilization in a temperate deciduous forest in the northeastern USA. <i>Tree Physiology</i> , 2016, 36, 428-443.	3.1	28
32	Scaling from single-point sap velocity measurements to stand transpiration in a multispecies deciduous forest: uncertainty sources, stand structure effect, and future scenarios. <i>Canadian Journal of Forest Research</i> , 2015, 45, 1489-1497.	1.7	39
33	Efectos hidrológicos de la conversión del bosque de niebla en el centro de Veracruz, México. <i>Bosque</i> , 2015, 36, 395-407.	0.3	13
34	Assessing Impacts of Payments for Watershed Services on Sustainability in Coupled Human and Natural Systems. <i>BioScience</i> , 2015, 65, 579-591.	4.9	38
35	A Scale-Explicit Framework for Conceptualizing the Environmental Impacts of Agricultural Land Use Changes. <i>Sustainability</i> , 2014, 6, 8432-8451.	3.2	14
36	Foggy days and dry nights determine crown-level water balance in a seasonal tropical montane cloud forest. <i>Plant, Cell and Environment</i> , 2014, 37, 261-272.	5.7	102