

Shih-Chieh Chang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

636
citations

623574

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642610

23
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26
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docs citations

26
times ranked

913
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of beech stemflow on spatial patterns of soil solution chemistry and seepage fluxes in a mixed beech/oak stand. <i>Hydrological Processes</i> , 2000, 14, 135-144.	1.1	122
2	Estimation of fog deposition on epiphytic bryophytes in a subtropical montane forest ecosystem in northeastern Taiwan. <i>Atmospheric Research</i> , 2002, 64, 159-167.	1.8	69
3	COSORE: A community database for continuous soil respiration and other soil-atmosphere greenhouse gas flux data. <i>Global Change Biology</i> , 2020, 26, 7268-7283.	4.2	50
4	Soil respiration in a subtropical montane cloud forest in Taiwan. <i>Agricultural and Forest Meteorology</i> , 2008, 148, 788-798.	1.9	48
5	Does canopy wetness matter? Evapotranspiration from a subtropical montane cloud forest in Taiwan. <i>Hydrological Processes</i> , 2014, 28, 1190-1214.	1.1	46
6	Quantifying fog water deposition by in situ exposure experiments in a mountainous coniferous forest in Taiwan. <i>Forest Ecology and Management</i> , 2006, 224, 11-18.	1.4	45
7	Mapping the montane cloud forest of Taiwan using 12 year MODIS-derived ground fog frequency data. <i>PLoS ONE</i> , 2017, 12, e0172663.	1.1	32
8	High precipitation causes large fluxes of dissolved organic carbon and nitrogen in a subtropical montane <i>Chamaecyparis</i> forest in Taiwan. <i>Biogeochemistry</i> , 2010, 101, 243-256.	1.7	30
9	Chemical Composition of Fog Water at Four Sites in Taiwan. <i>Aerosol and Air Quality Research</i> , 2016, 16, 618-631.	0.9	28
10	Soil nitrogen turnover in proximal and distal stem areas of European beech trees. <i>Plant and Soil</i> , 2000, 218/2, 117-125.	1.8	23
11	The Relation Between Humidity and Liquid Water Content in Fog: An Experimental Approach. <i>Pure and Applied Geophysics</i> , 2012, 169, 821-833.	0.8	23
12	Comparison of sonic anemometer performance under foggy conditions. <i>Agricultural and Forest Meteorology</i> , 2013, 173, 63-73.	1.9	20
13	Release of nutrients dissolved organic carbon during decomposition of <i>Chamaecyparis obtusa</i> var. <i>formosana</i> leaves in a mountain forest in Taiwan. <i>Journal of Plant Nutrition and Soil Science</i> , 2006, 169, 792-798.	1.1	17
14	Soil fluxes of mineral elements and dissolved organic matter following manipulation of leaf litter input in a Taiwan <i>Chamaecyparis</i> forest. <i>Forest Ecology and Management</i> , 2007, 242, 133-141.	1.4	17
15	Xeromorphic traits help to maintain photosynthesis in the perhumid climate of a Taiwanese cloud forest. <i>Oecologia</i> , 2017, 184, 609-621.	0.9	14
16	Canopy-atmosphere interactions under foggy condition—Size-resolved fog droplet fluxes and their implications. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 796-808.	1.3	11
17	Resilience Assessment of Lowland Plantations Using an Ecosystem Modeling Approach. <i>Sustainability</i> , 2015, 7, 3801-3822.	1.6	10
18	Detection of ground fog in mountainous areas from MODIS (Collection 051) daytime data using a statistical approach. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1135-1152.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Characterization of Phosphorus in a Toposequence of Subtropical Perhumid Forest Soils Facing a Subalpine Lake. <i>Forests</i> , 2018, 9, 294.	0.9	7
20	Frequency of Low Clouds in Taiwan Retrieved from MODIS Data and Its Relation to Cloud Forest Occurrence. <i>Remote Sensing</i> , 2015, 7, 12986-13004.	1.8	5
21	Aerosol Impacts on Water Relations of Camphor (<i>Cinnamomum camphora</i>). <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
22	Early Peak of Latent Heat Fluxes Regulates Diurnal Temperature Range in Montane Cloud Forests. <i>Journal of Hydrometeorology</i> , 2021, , .	0.7	3
23	The effect of beech stemflow on spatial patterns of soil solution chemistry and seepage fluxes in a mixed beech/oak stand. <i>Hydrological Processes</i> , 2000, 14, 135-144.	1.1	2
24	Introductory Chapter: Land Use Change Ecosystem Services and Tropical Forests. , 0, , .		1
25	Changes in Soil Microbial Community and Carbon Flux Regime across a Subtropical Montane Peatland-to-Forest Successional Series in Taiwan. <i>Forests</i> , 2022, 13, 958.	0.9	1