Shih-Chieh Chang

List of Publications by Year
in descending order

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		623574	642610
25	636	14	23
papers	citations	h-index	g-index

26	26	26	913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Changes in Soil Microbial Community and Carbon Flux Regime across a Subtropical Montane Peatland-to-Forest Successional Series in Taiwan. Forests, 2022, 13, 958.	0.9	1
2	Early Peak of Latent Heat Fluxes Regulates Diurnal Temperature Range in Montane Cloud Forests. Journal of Hydrometeorology, 2021, , .	0.7	3
3	COSORE: A community database for continuous soil respiration and other soilâ€atmosphere greenhouse gas flux data. Global Change Biology, 2020, 26, 7268-7283.	4.2	50
4	Characterization of Phosphorus in a Toposequence of Subtropical Perhumid Forest Soils Facing a Subalpine Lake. Forests, 2018, 9, 294.	0.9	7
5	Xeromorphic traits help to maintain photosynthesis in the perhumid climate of a Taiwanese cloud forest. Oecologia, 2017, 184, 609-621.	0.9	14
6	Mapping the montane cloud forest of Taiwan using 12 year MODIS-derived ground fog frequency data. PLoS ONE, 2017, 12, e0172663.	1.1	32
7	Chemical Composition of Fog Water at Four Sites in Taiwan. Aerosol and Air Quality Research, 2016, 16, 618-631.	0.9	28
8	Detection of ground fog in mountainous areas from MODIS (Collection 051) daytime data using aÂstatistical approach. Atmospheric Measurement Techniques, 2016, 9, 1135-1152.	1.2	8
9	Canopyâ€atmosphere interactions under foggy conditionâ€”Sizeâ€resolved fog droplet fluxes and their implications. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 796-808.	1.3	11
10	Resilience Assessment of Lowland Plantations Using an Ecosystem Modeling Approach. Sustainability, 2015, 7, 3801-3822.	1.6	10
11	Frequency of Low Clouds in Taiwan Retrieved from MODIS Data and Its Relation to Cloud Forest Occurrence. Remote Sensing, 2015, 7, 12986-13004.	1.8	5
12	Does canopy wetness matter? Evapotranspiration from a subtropical montane cloud forest in Taiwan. Hydrological Processes, 2014, 28, 1190-1214.	1.1	46
13	Comparison of sonic anemometer performance under foggy conditions. Agricultural and Forest Meteorology, 2013, 173, 63-73.	1.9	20
14	The Relation Between Humidity and Liquid Water Content in Fog: An Experimental Approach. Pure and Applied Geophysics, 2012, 169, 821-833.	0.8	23
15	High precipitation causes large fluxes of dissolved organic carbon and nitrogen in a subtropical montane Chamaecyparis forest in Taiwan. Biogeochemistry, 2010, 101, 243-256.	1.7	30
16	Soil respiration in a subtropical montane cloud forest in Taiwan. Agricultural and Forest Meteorology, 2008, 148, 788-798.	1.9	48
17	Soil fluxes of mineral elements and dissolved organic matter following manipulation of leaf litter input in a Taiwan Chamaecyparis forest. Forest Ecology and Management, 2007, 242, 133-141.	1.4	17
18	Quantifying fog water deposition by in situ exposure experiments in a mountainous coniferous forest in Taiwan. Forest Ecology and Management, 2006, 224, 11-18.	1.4	45

#	Article	IF	Citations
19	Release of nutrients dissolved organic carbon during decomposition ofChamaecyparis obtusa var.formosana leaves in a mountain forest in Taiwan. Journal of Plant Nutrition and Soil Science, 2006, 169, 792-798.	1.1	17
20	Estimation of fog deposition on epiphytic bryophytes in a subtropical montane forest ecosystem in northeastern Taiwan. Atmospheric Research, 2002, 64, 159-167.	1.8	69
21	The effect of beech stemflow on spatial patterns of soil solution chemistry and seepage fluxes in a mixed beech/oak stand. Hydrological Processes, 2000, 14, 135-144.	1.1	122
22	Soil nitrogen turnover in proximal and distal stem areas of European beech trees. Plant and Soil, 2000, 218/2, 117-125.	1.8	23
23	The effect of beech stemflow on spatial patterns of soil solution chemistry and seepage fluxes in a mixed beech/oak stand. Hydrological Processes, 2000, 14, 135-144.	1.1	2
24	Introductory Chapter: Land Use Change Ecosystem Services and Tropical Forests. , 0, , .		1
25	Aerosol Impacts on Water Relations of Camphor (Cinnamomum camphora). Frontiers in Plant Science, 0, 13, .	1.7	4