

Jian-Guo Gao

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

364
citations

933447

10
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of nano-TiO ₂ on photosynthetic characteristics of <i>Ulmus elongata</i> seedlings. <i>Environmental Pollution</i> , 2013, 176, 63-70.	7.5	135
2	Biophysical limits to responses of water flux to vapor pressure deficit in seven tree species with contrasting land use regimes. <i>Agricultural and Forest Meteorology</i> , 2015, 200, 258-269.	4.8	38
3	Stomatal and hydraulic conductance and water use in a eucalypt plantation in Guangxi, southern China. <i>Agricultural and Forest Meteorology</i> , 2015, 202, 61-68.	4.8	34
4	Physiological homeostasis and morphological plasticity of two tree species subjected to precipitation seasonal distribution changes. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2017, 25, 1-19.	2.7	19
5	Plant extinction excels plant speciation in the Anthropocene. <i>BMC Plant Biology</i> , 2020, 20, 430.	3.6	18
6	Suppression of nighttime sap flux with lower stem photosynthesis in Eucalyptus trees. <i>International Journal of Biometeorology</i> , 2016, 60, 545-556.	3.0	14
7	Local root status: a neglected bio-factor that regulates the home-field advantage of leaf litter decomposition. <i>Plant and Soil</i> , 2018, 431, 175-189.	3.7	14
8	Tree Species with Photosynthetic Stems Have Greater Nighttime Sap Flux. <i>Frontiers in Plant Science</i> , 2018, 9, 30.	3.6	12
9	Species-specific transpiration and water use patterns of two pioneer dominant tree species under manipulated rainfall in a low-subtropical secondary evergreen forest. <i>Ecohydrology</i> , 2020, 13, e2234.	2.4	12
10	The latitudinal herbivory hypothesis revisited: To be part is to be whole. <i>Ecology and Evolution</i> , 2019, 9, 3681-3688.	1.9	11
11	Biotic- and abiotic-driven variations of the night-time sap flux of three co-occurring tree species in a low subtropical secondary broadleaf forest. <i>AoB PLANTS</i> , 2018, 10, ply025.	2.3	10
12	Phylogeography of <i>Ulmus elongata</i> based on Fourier transform-infrared spectroscopy (FTIR), thermal gravimetric and differential thermal analyses. <i>Biochemical Systematics and Ecology</i> , 2012, 40, 184-191.	1.3	9
13	Water transport of native and exotic tree species in relation to xylem anatomical characteristics in low subtropical China. <i>Journal of Plant Ecology</i> , 2018, 11, 423-433.	2.3	8
14	Dominant plant speciation types. A commentary on: "Plant speciation in the age of climate change". <i>Annals of Botany</i> , 2019, 124, iv-vi.	2.9	7
15	Tracking the evolutionary innovations of plant terrestrialization. <i>Gene</i> , 2021, 769, 145203.	2.2	5
16	Stomatal uptake of O ₃ in a <i>Schima superba</i> plantation in subtropical China derived from sap flow measurements. <i>Science of the Total Environment</i> , 2016, 545-546, 465-475.	8.0	4
17	Leaf characters of <i>Ulmus elongata</i> in fragmented habitats: Implications for conservation. <i>Acta Ecologica Sinica</i> , 2017, 37, 346-353.	1.9	4
18	Applying Humboldt's holistic perspective in China's sustainability. <i>Geography and Sustainability</i> , 2021, 2, 123-126.	4.3	4

#	ARTICLE	IF	CITATIONS
19	Stem and leaf traits as co-determinants of canopy water flux. <i>Plant Diversity</i> , 2019, 41, 258-265.	3.7	3
20	<i>Panicum virgatum</i> (Poaceae). <i>Trends in Genetics</i> , 2021, 37, 771-772.	6.7	2
21	Conservation strategies for <i>Ulmus elongata</i> based on the analysis of biological and ecological factors. <i>Acta Ecologica Sinica</i> , 2012, 32, 5287-5298.	0.1	1
22	Tree Planting of the People, by the People, for the People. <i>BioScience</i> , 2020, , .	4.9	0
23	Diversity of Reproductive Phenology Among Subtropical Grasses Is Constrained by Evolution and Climatic Niche. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	0
24	<i>Tetracentron sinense</i> (Trochodendraceae). <i>Trends in Genetics</i> , 2021, 37, 401-402.	6.7	0