Guang-Yu Wang

List of Publications by Year
in descending order

88	2,734	270111	223390
papers	citations	25	49
		h-index	g-index

89	89	89	3267
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inclusion of forestry offsets in emission trading schemes: insights from global experts. Journal of Forestry Research, 2022, 33, 279-287.	1.7	17
2	Impacts of national park tourism sites: a perceptual analysis from residents of three spatial levels of local communities in Banff national park. Environment, Development and Sustainability, 2022, 24, 3126-3145.	2.7	12
3	Editorial: Trait-Based Plant Community Assembly, Ecological Restoration, and the Biocontrol of Invasive Exotic Plant Species. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	1
4	Spatiotemporal Dynamics and Climate Influence of Forest Fires in Fujian Province, China. Forests, 2022, 13, 423.	0.9	7
5	Identifying Forest Degradation and Restoration Opportunities in the Lancang-Mekong Region: A Tool to Determine Criteria and Indicators. Climate, 2022, 10, 52.	1.2	0
6	Visitor satisfaction and behavioral intentions in nature-based tourism during the COVID-19 pandemic: A case study from Zhangjiajie National Forest Park, China. International Journal of Geoheritage and Parks, 2022, 10, 143-159.	2.0	19
7	Transcriptome analysis of Tamarix ramosissima leaves in response to NaCl stress. PLoS ONE, 2022, 17, e0265653.	1.1	9
8	Soil Bacterial and Fungal Community Responses to Throughfall Reduction in a Eucalyptus Plantation in Southern China. Forests, 2022, 13, 37.	0.9	9
9	Burn Severity in Canada's Mountain National Parks: Patterns, Drivers, and Predictions. Geophysical Research Letters, 2022, 49, .	1.5	2
10	Dynamics of pollutant emissions from wildfires in Mainland China. Journal of Environmental Management, 2022, 318, 115499.	3.8	4
11	Key challenges and approaches to addressing barriers in forest carbon offset projects. Journal of Forestry Research, 2022, 33, 1109-1122.	1.7	25
12	The impact of meteorological conditions on Air Quality Index under different urbanization gradients: a case from Taipei. Environment, Development and Sustainability, 2021, 23, 3994-4010.	2.7	14
13	Moisture content thresholds for ignition and rate of fire spread for various dead fuels in northeast forest ecosystems of China. Journal of Forestry Research, 2021, 32, 1147-1155.	1.7	9
14	Research on risk mechanism of China's carbon financial market development from the perspective of ecological civilization. Journal of Computational and Applied Mathematics, 2021, 381, 112990.	1.1	13
15	Modeling the impact of soundscape drivers on perceived birdsongs in urban forests. Journal of Cleaner Production, 2021, 292, 125315.	4.6	54
16	Impacts of COVID-19 pandemic on urban park visitation: a global analysis. Journal of Forestry Research, 2021, 32, 553-567.	1.7	297
17	Comparing four regression techniques to explore factors governing the number of forest fires in Southeast, China. Geomatics, Natural Hazards and Risk, 2021, 12, 499-521.	2.0	2
18	Seasonal Variation in Visitor Satisfaction and Its Management Implications in Banff National Park. Sustainability, 2021, 13, 1681.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Integrating hotspots for endemic, threatened and rare species supports the identification of priority areas for vascular plants in SW China. Forest Ecology and Management, 2021, 484, 118952.	1.4	15
20	The contribution of national parks to human health and well-being: Visitors' perceived benefits of Wuyishan National Park. International Journal of Geoheritage and Parks, 2021, 9, 1-12.	2.0	15
21	Are Climate Factors Driving the Contemporary Wildfire Occurrence in China?. Forests, 2021, 12, 392.	0.9	14
22	National parks best practices: Lessons from a century's worth of national parks management. International Journal of Geoheritage and Parks, 2021, 9, 335-346.	2.0	21
23	A Comparison of Forestry Continuing Education Academic Degree Programs. Forests, 2021, 12, 824.	0.9	3
24	A Linkage Framework for the China National Emission Trading System (CETS): Insight from Key Global Carbon Markets. Sustainability, 2021, 13, 7459.	1.6	7
25	Comparative study of the physiological and psychological effects of forest and urban auditory stimulus on humans. International Journal of Geoheritage and Parks, 2021, 9, 363-373.	2.0	4
26	Forest ecological security in China: A quantitative analysis of twenty five years. Global Ecology and Conservation, 2021, 32, e01821.	1.0	2
27	National Park and Ecosystem Integrity. Encyclopedia of the UN Sustainable Development Goals, 2021, , 661-674.	0.0	0
28	Recreational Services from Green Space in Beijing: Where Supply and Demand Meet?. Forests, 2021, 12, 1625.	0.9	9
29	Mapping distribution and identifying gaps in protected areacoverage of vulnerableclouded leopard (Neofelis nebulosa) in Nepal: Implications forconservation management. International Journal of Geoheritage and Parks, 2021, 9, 441-441.	2.0	0
30	The Correlation Analysis of Futures Pricing Mechanism in China's Carbon Financial Market. Sustainability, 2020, 12, 7317.	1.6	12
31	Moving toward a Greener China: Is China's National Park Pilot Program a Solution?. Land, 2020, 9, 489.	1.2	11
32	Exploring spatially varying relationships between forest fire and environmental factors at different quantile levels. International Journal of Wildland Fire, 2020, 29, 486.	1.0	5
33	Perceived Loudness Sensitivity Influenced by Brightness in Urban Forests: A Comparison When Eyes Were Opened and Closed. Forests, 2020, 11, 1242.	0.9	14
34	Climate-based approach for modeling the distribution of montane forest vegetation in Taiwan. Applied Vegetation Science, 2020, 23, 239-253.	0.9	6
35	Alleviating forest degradation in the Lancang-Mekong Region requires closing management—measurement gaps. Journal of Forestry Research, 2020, 31, 2033-2051.	1.7	4
36	National Park and Ecosystem Integrity. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-14.	0.0	0

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37	Correlation Analysis between Land Use/Cover Change and Air Pollutants—A Case Study in Wuyishan City. Energies, 2019, 12, 2545.	1.6	16
38	Cognitive persistence of soundscape in urban parks. Sustainable Cities and Society, 2019, 51, 101706.	5.1	20
39	Characterization of pollutants emitted during burning of eight main tree species in subtropical China. Atmospheric Environment, 2019, 215, 116899.	1.9	7
40	Comparative analysis of spatial variation in forest fire drivers between boreal and subtropical ecosystems in China. Forest Ecology and Management, 2019, 454, 117669.	1.4	27
41	Perceived Occurrences of Soundscape Influencing Pleasantness in Urban Forests: A Comparison of Broad-Leaved and Coniferous Forests. Sustainability, 2019, 11, 4789.	1.6	14
42	Climate change impacts and forest adaptation in the Asia–Pacific region: from regional experts' perspectives. Journal of Forestry Research, 2019, 30, 277-293.	1.7	12
43	Effects of soil erosion and reforestation on soil respiration, organic carbon and nitrogen stocks in an eroded area of Southern China. Science of the Total Environment, 2019, 683, 98-108.	3.9	35
44	Geographically Weighted Negative Binomial Regression Model Predicts Wildfire Occurrence in the Great Xing'an Mountains Better Than Negative Binomial Model. Forests, 2019, 10, 377.	0.9	16
45	Technical efficiency analysis of the conversion of cropland to forestland program in Jiangxi, Shaanxi, and Sichuan. International Journal of Sustainable Development and World Ecology, 2019, 26, 535-546.	3.2	0
46	Factors influencing the harmonious degree of soundscapes in urban forests: A comparison of broad-leaved and coniferous forests. Urban Forestry and Urban Greening, 2019, 39, 18-25.	2.3	19
47	Evaluation and scenario simulation for forest ecological security in China. Journal of Forestry Research, 2019, 30, 1651-1666.	1.7	11
48	Local perceptions of the conversion of cropland to forestland program in Jiangxi, Shaanxi, and Sichuan, China. Journal of Forestry Research, 2019, 30, 1833-1847.	1.7	5
49	Dynamics of major air pollutants from crop residue burning in mainland China, 2000–2014. Journal of Environmental Sciences, 2018, 70, 190-205.	3.2	21
50	Influence of Fuel Moisture Content, Packing Ratio and Wind Velocity on the Ignition Probability of Fuel Beds Composed of Mongolian Oak Leaves via Cigarette Butts. Forests, 2018, 9, 507.	0.9	15
51	Using GIS and Random Forests to identify fire drivers in a forest city, Yichun, China. Geomatics, Natural Hazards and Risk, 2018, 9, 1207-1229.	2.0	26
52	Does phosphorus deficiency induce formation of root cortical aerenchyma maintaining growth of Cunninghamia lanceolata?. Trees - Structure and Function, 2018, 32, 1633-1642.	0.9	9
53	Inorganic chemical composition of PM2.5 emissions from the combustion of six main tree species in subtropical China. Atmospheric Environment, 2018, 189, 107-115.	1.9	23
54	Spatial and Temporal Patterns of Illegal Logging in Selectively Logged Production Forest: A Case Study in Yedashe, Myanmar. Journal of Forest Planning, 2018, 23, 15-25.	0.1	9

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55	Low phosphorus and competition affect Chinese fir cutting growth and root organic acid content: does neighboring root activity aggravate P nutrient deficiency?. Journal of Soils and Sediments, 2017, 17, 2775-2785.	1.5	32
56	Understanding fire drivers and relative impacts in different Chinese forest ecosystems. Science of the Total Environment, 2017, 605-606, 411-425.	3.9	71
57	Lessons Learned in Mandatory Carbon Market Development. International Review of Environmental and Resource Economics, 2017, 10, 227-268.	1.5	3
58	Trade-Offs between Economic and Environmental Optimization of the Forest Biomass Generation Supply Chain in Inner Mongolia, China. Sustainability, 2017, 9, 2030.	1.6	4
59	Spatial Modelling of Fire Drivers in Urban-Forest Ecosystems in China. Forests, 2017, 8, 180.	0.9	23
60	Simulating the impact of climate change on the growth of Chinese fir plantations in Fujian province, China. New Zealand Journal of Forestry Science, 2017, 47, .	0.8	14
61	ClimateAP: an application for dynamic local downscaling of historical and future climate data in Asia Pacific. Frontiers of Agricultural Science and Engineering, 2017, 4, 448.	0.9	83
62	Evaluating management tradeoffs between economic fiber production and other ecosystem services in a Chinese-fir dominated forest plantation in Fujian Province. Science of the Total Environment, 2016, 557-558, 80-90.	3.9	25
63	What drives forest fire in Fujian, China? Evidence from logistic regression and Random Forests. International Journal of Wildland Fire, 2016, 25, 505.	1.0	95
64	Adaptation of Asia-Pacific forests to climate change. Journal of Forestry Research, 2016, 27, 469-488.	1.7	11
65	Methane Fluxes along a Permafrost Hillslope Gradient in Northcentral China. Forest Science, 2016, 62, 281-287.	0.5	5
66	Integrated watershed management: evolution, development and emerging trends. Journal of Forestry Research, 2016, 27, 967-994.	1.7	140
67	Using DEM to predict Abies faxoniana and Quercus aquifolioides distributions in the upstream catchment basin of the Min River in southwest China. Ecological Indicators, 2016, 69, 91-99.	2.6	17
68	Wildfire ignition in the forests of southeast China: Identifying drivers and spatial distribution to predict wildfire likelihood. Applied Geography, 2016, 66, 12-21.	1.7	78
69	Comparison of six generalized linear models for occurrence of lightning-induced fires in northern Daxingâ€™an Mountains, China. Journal of Forestry Research, 2016, 27, 379-388.	1.7	11
70	Geospatial information on geographical and human factors improved anthropogenic fire occurrence modeling in the Chinese boreal forest. Canadian Journal of Forest Research, 2016, 46, 582-594.	0.8	31
71	Climatic niche models and their consensus projections for future climates for four major forest tree species in the Asiaâ€"Pacific region. Forest Ecology and Management, 2016, 360, 357-366.	1.4	64
72	Comparing Stem Volume Predictions of Coastal Douglas-Fir Stands in British Columbia Using a Simple Physiological Model and LiDAR Remote Sensing. Forest Science, 2015, 61, 586-596.	0.5	6

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73	A Process-Based Approach to Estimate Chinese Fir (Cunninghamia lanceolata) Distribution and Productivity in Southern China under Climate Change. Forests, 2015, 6, 360-379.	0.9	34
74	Consensus Forecasting of Species Distributions: The Effects of Niche Model Performance and Niche Properties. PLoS ONE, 2015, 10, e0120056.	1.1	79
75	Gamma generalized linear model to investigate the effects of climate variables on the area burned by forest fire in northeast China. Journal of Forestry Research, 2015, 26, 545-555.	1.7	6
76	Historic distribution and driving factors of human-caused fires in the Chinese boreal forest between 1972 and 2005. Journal of Plant Ecology, 2015, 8, 480-490.	1.2	46
77	Changes in Vegetation Growth Dynamics and Relations with Climate over China's Landmass from 1982 to 2011. Remote Sensing, 2014, 6, 3263-3283.	1.8	133
78	Spatial and temporal variations in the end date of the vegetation growing season throughout the Qinghai–Tibetan Plateau from 1982 to 2011. Agricultural and Forest Meteorology, 2014, 189-190, 81-90.	1.9	140
79	Light intensity affects the growth and flavonol biosynthesis of Ginkgo (Ginkgo biloba L.). New Forests, 2014, 45, 765-776.	0.7	43
80	Changes in vegetation photosynthetic activity trends across the Asia–Pacific region over the last three decades. Remote Sensing of Environment, 2014, 144, 28-41.	4.6	140
81	Research on Land Surface Thermal-Hydrologic Exchange in Southern China under Future Climate and Land Cover Scenarios. Advances in Meteorology, 2013, 2013, 1-12.	0.6	4
82	Public Awareness and Perceptions of Watershed Management in the Min River Area, Fujian, China. Society and Natural Resources, 2013, 26, 586-604.	0.9	5
83	Comparison of terrestrial evapotranspiration estimates using the mass transfer and Penman–Monteith equations in land surface models. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 1715-1731.	1.3	35
84	Extent of soil erosion and surface runoff associated with large-scale infrastructure development in Fujian Province, China. Catena, 2012, 89, 22-30.	2.2	28
85	National Park Development in China: Conservation or Commercialization?. Ambio, 2012, 41, 247-261.	2.8	94
86	Achieving sustainable rural development in Southern China: the contribution of bamboo forestry. International Journal of Sustainable Development and World Ecology, 2008, 15, 484-495.	3.2	36
87	Towards a new paradigm: the development of China's forestry in the 21st century. International Forestry Review, 2008, 10, 619-631.	0.3	12
88	China's Forestry Reforms. Science, 2007, 318, 1556-1557.	6.0	256