Guang-Yu Wang

List of Publications by Year
in descending order

88 papers	2,734 citations	236925 25 h-index	197818 49 g-index
89 all docs	89 docs citations	89 times ranked	2904 citing authors

#	Article	IF	Citations
1	Impacts of COVID-19 pandemic on urban park visitation: a global analysis. Journal of Forestry Research, 2021, 32, 553-567.	3.6	297
2	China's Forestry Reforms. Science, 2007, 318, 1556-1557.	12.6	256
3	Spatial and temporal variations in the end date of the vegetation growing season throughout the Qinghaiâ€"Tibetan Plateau from 1982 to 2011. Agricultural and Forest Meteorology, 2014, 189-190, 81-90.	4.8	140
4	Changes in vegetation photosynthetic activity trends across the Asiaâ€"Pacific region over the last three decades. Remote Sensing of Environment, 2014, 144, 28-41.	11.0	140
5	Integrated watershed management: evolution, development and emerging trends. Journal of Forestry Research, 2016, 27, 967-994.	3.6	140
6	Changes in Vegetation Growth Dynamics and Relations with Climate over Chinaâ€™s Landmass from 1982 to 2011. Remote Sensing, 2014, 6, 3263-3283.	4.0	133
7	What drives forest fire in Fujian, China? Evidence from logistic regression and Random Forests. International Journal of Wildland Fire, 2016, 25, 505.	2.4	95
8	National Park Development in China: Conservation or Commercialization?. Ambio, 2012, 41, 247-261.	5.5	94
9	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.	1.4	83
10	Consensus Forecasting of Species Distributions: The Effects of Niche Model Performance and Niche Properties. PLoS ONE, 2015, 10, e0120056.	2.5	79
11	Wildfire ignition in the forests of southeast China: Identifying drivers and spatial distribution to predict wildfire likelihood. Applied Geography, 2016, 66, 12-21.	3.7	78
12	Understanding fire drivers and relative impacts in different Chinese forest ecosystems. Science of the Total Environment, 2017, 605-606, 411-425.	8.0	71
13	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.	3.2	64
14	Modeling the impact of soundscape drivers on perceived birdsongs in urban forests. Journal of Cleaner Production, 2021, 292, 125315.	9.3	54
15	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.	2.3	46
16	Light intensity affects the growth and flavonol biosynthesis of Ginkgo (Ginkgo biloba L.). New Forests, 2014, 45, 765-776.	1.7	43
17	Achieving sustainable rural development in Southern China: the contribution of bamboo forestry. International Journal of Sustainable Development and World Ecology, 2008, 15, 484-495.	5.9	36
18	Comparison of terrestrial evapotranspiration estimates using the mass transfer and Penmanâ€Monteith equations in land surface models. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 1715-1731.	3.0	35

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19	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.	8.0	35
20	A Process-Based Approach to Estimate Chinese Fir (Cunninghamia lanceolata) Distribution and Productivity in Southern China under Climate Change. Forests, 2015, 6, 360-379.	2.1	34
21	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.	3.0	32
22	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.	1.7	31
23	Extent of soil erosion and surface runoff associated with large-scale infrastructure development in Fujian Province, China. Catena, 2012, 89, 22-30.	5.0	28
24	Comparative analysis of spatial variation in forest fire drivers between boreal and subtropical ecosystems in China. Forest Ecology and Management, 2019, 454, 117669.	3.2	27
25	Using GIS and Random Forests to identify fire drivers in a forest city, Yichun, China. Geomatics, Natural Hazards and Risk, 2018, 9, 1207-1229.	4.3	26
26	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.	8.0	25
27	Key challenges and approaches to addressing barriers in forest carbon offset projects. Journal of Forestry Research, 2022, 33, 1109-1122.	3.6	25
28	Spatial Modelling of Fire Drivers in Urban-Forest Ecosystems in China. Forests, 2017, 8, 180.	2.1	23
29	Inorganic chemical composition of PM2.5 emissions from the combustion of six main tree species in subtropical China. Atmospheric Environment, 2018, 189, 107-115.	4.1	23
30	Dynamics of major air pollutants from crop residue burning in mainland China, 2000â€“2014. Journal of Environmental Sciences, 2018, 70, 190-205.	6.1	21
31	National parks best practices: Lessons from a century's worth of national parks management. International Journal of Geoheritage and Parks, 2021, 9, 335-346.	4.3	21
32	Cognitive persistence of soundscape in urban parks. Sustainable Cities and Society, 2019, 51, 101706.	10.4	20
33	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.	5.3	19
34	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.	4.3	19
35	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.	6.3	17
36	Inclusion of forestry offsets in emission trading schemes: insights from global experts. Journal of Forestry Research, 2022, 33, 279-287.	3.6	17

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37	Correlation Analysis between Land Use/Cover Change and Air Pollutantsâ€"A Case Study in Wuyishan City. Energies, 2019, 12, 2545.	3.1	16
38	Geographically Weighted Negative Binomial Regression Model Predicts Wildfire Occurrence in the Great Xingâ€™an Mountains Better Than Negative Binomial Model. Forests, 2019, 10, 377.	2.1	16
39	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.	2.1	15
40	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.	3.2	15
41	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.	4.3	15
42	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
43	Perceived Occurrences of Soundscape Influencing Pleasantness in Urban Forests: A Comparison of Broad-Leaved and Coniferous Forests. Sustainability, 2019, 11, 4789.	3.2	14
44	Perceived Loudness Sensitivity Influenced by Brightness in Urban Forests: A Comparison When Eyes Were Opened and Closed. Forests, 2020, 11, 1242.	2.1	14
45	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.	5.0	14
46	Are Climate Factors Driving the Contemporary Wildfire Occurrence in China?. Forests, 2021, 12, 392.	2.1	14
47	Research on risk mechanism of Chinaâ€™s carbon financial market development from the perspective of ecological civilization. Journal of Computational and Applied Mathematics, 2021, 381, 112990.	2.0	13
48	Towards a new paradigm: the development of China's forestry in the 21stcentury. International Forestry Review, 2008, 10, 619-631.	0.6	12
49	Climate change impacts and forest adaptation in the Asiaâ€"Pacific region: from regional expertsâ€™ perspectives. Journal of Forestry Research, 2019, 30, 277-293.	3.6	12
50	The Correlation Analysis of Futures Pricing Mechanism in Chinaâ€™s Carbon Financial Market. Sustainability, 2020, 12, 7317.	3.2	12
51	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.	5.0	12
52	Adaptation of Asia-Pacific forests to climate change. Journal of Forestry Research, 2016, 27, 469-488.	3.6	11
53	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.	3.6	11
54	Evaluation and scenario simulation for forest ecological security in China. Journal of Forestry Research, 2019, 30, 1651-1666.	3.6	11

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55	Moving toward a Greener China: Is Chinaâ€™s National Park Pilot Program a Solution?. Land, 2020, 9, 489.	2.9	11
56	Does phosphorus deficiency induce formation of root cortical aerenchyma maintaining growth of Cunninghamia lanceolata?. Trees - Structure and Function, 2018, 32, 1633-1642.	1.9	9
57	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.	3.6	9
58	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
59	Recreational Services from Green Space in Beijing: Where Supply and Demand Meet?. Forests, 2021, 12, 1625.	2.1	9
60	Transcriptome analysis of Tamarix ramosissima leaves in response to NaCl stress. PLoS ONE, 2022, 17, e0265653.	2.5	9
61	Soil Bacterial and Fungal Community Responses to Throughfall Reduction in a Eucalyptus Plantation in Southern China. Forests, 2022, 13, 37.	2.1	9
62	Characterization of pollutants emitted during burning of eight main tree species in subtropical China. Atmospheric Environment, 2019, 215, 116899.	4.1	7
63	Seasonal Variation in Visitor Satisfaction and Its Management Implications in Banff National Park. Sustainability, 2021, 13, 1681.	3.2	7
64	A Linkage Framework for the China National Emission Trading System (CETS): Insight from Key Global Carbon Markets. Sustainability, 2021, 13, 7459.	3.2	7
65	Spatiotemporal Dynamics and Climate Influence of Forest Fires in Fujian Province, China. Forests, 2022, 13, 423.	2.1	7
66	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.	1.0	6
67	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.	3.6	6
68	Climateâ€based approach for modeling the distribution of montane forest vegetation in Taiwan. Applied Vegetation Science, 2020, 23, 239-253.	1.9	6
69	Public Awareness and Perceptions of Watershed Management in the Min River Area, Fujian, China. Society and Natural Resources, 2013, 26, 586-604.	1.9	5
70	Methane Fluxes along a Permafrost Hillslope Gradient in Northcentral China. Forest Science, 2016, 62, 281-287.	1.0	5
71	Local perceptions of the conversion of cropland to forestland program in Jiangxi, Shaanxi, and Sichuan, China. Journal of Forestry Research, 2019, 30, 1833-1847.	3.6	5
72	Exploring spatially varying relationships between forest fire and environmental factors at different quantile levels. International Journal of Wildland Fire, 2020, 29, 486.	2.4	5

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73	Research on Land Surface Thermal-Hydrologic Exchange in Southern China under Future Climate and Land Cover Scenarios. Advances in Meteorology, 2013, 2013, 1-12.	1.6	4
74	Trade-Offs between Economic and Environmental Optimization of the Forest Biomass Generation Supply Chain in Inner Mongolia, China. Sustainability, 2017, 9, 2030.	3.2	4
75	Alleviating forest degradation in the Lancang-Mekong Region requires closing managementâ€"measurement gaps. Journal of Forestry Research, 2020, 31, 2033-2051.	3.6	4
76	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.	4.3	4
77	Dynamics of pollutant emissions from wildfires in Mainland China. Journal of Environmental Management, 2022, 318, 115499.	7.8	4
78	Lessons Learned in Mandatory Carbon Market Development. International Review of Environmental and Resource Economics, 2017, 10, 227-268.	1.3	3
79	A Comparison of Forestry Continuing Education Academic Degree Programs. Forests, 2021, 12, 824.	2.1	3
80	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.	4.3	2
81	Forest ecological security in China: A quantitative analysis of twenty five years. Global Ecology and Conservation, 2021, 32, e01821.	2.1	2
82	Burn Severity in Canada's Mountain National Parks: Patterns, Drivers, and Predictions. Geophysical Research Letters, 2022, 49, .	4.0	2
83	Editorial: Trait-Based Plant Community Assembly, Ecological Restoration, and the Biocontrol of Invasive Exotic Plant Species. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	1
84	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.	5.9	0
85	National Park and Ecosystem Integrity. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-14.	0.1	0
86	National Park and Ecosystem Integrity. Encyclopedia of the UN Sustainable Development Goals, 2021, , 661-674.	0.1	0
87	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.	4.3	0
88	Identifying Forest Degradation and Restoration Opportunities in the Lancang-Mekong Region: A Tool to Determine Criteria and Indicators. Climate, 2022, 10, 52.	2.8	0