

Tian Gao

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

999
citations

516710

16
h-index

434195

31
g-index

40
all docs

40
docs citations

40
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	Reviewing the strength of evidence of biodiversity indicators for forest ecosystems in Europe. <i>Ecological Indicators</i> , 2015, 57, 420-434.	6.3	140
2	Remote Sensing-Based Biomass Estimation and Its Spatio-Temporal Variations in Temperate Grassland, Northern China. <i>Remote Sensing</i> , 2014, 6, 1496-1513.	4.0	125
3	Exploring Psychophysiological Restoration and Individual Preference in the Different Environments Based on Virtual Reality. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3102.	2.6	107
4	The role of forest stand structure as biodiversity indicator. <i>Forest Ecology and Management</i> , 2014, 330, 82-93.	3.2	100
5	Mapping Spatial Distribution of Larch Plantations from Multi-Seasonal Landsat-8 OLI Imagery and Multi-Scale Textures Using Random Forests. <i>Remote Sensing</i> , 2015, 7, 1702-1720.	4.0	39
6	Spatio-Temporal Variation in Vegetation Biomass and Its Relationships with Climate Factors in the Xilingol Grasslands, Northern China. <i>PLoS ONE</i> , 2013, 8, e83824.	2.5	37
7	Comparison of Tree Species Classifications at the Individual Tree Level by Combining ALS Data and RGB Images Using Different Algorithms. <i>Remote Sensing</i> , 2016, 8, 1034.	4.0	34
8	Application of the eight perceived sensory dimensions as a tool for urban green space assessment and planning in China. <i>Urban Forestry and Urban Greening</i> , 2019, 40, 224-235.	5.3	34
9	Comparisons of Landscape Preferences through Three Different Perceptual Approaches. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4754.	2.6	32
10	Difference of Airborne Particulate Matter Concentration in Urban Space with Different Green Coverage Rates in Baoji, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1465.	2.6	29
11	Soundscape Perceptions and Preferences for Different Groups of Users in Urban Recreational Forest Parks. <i>Forests</i> , 2021, 12, 468.	2.1	29
12	The Reducing Effect of Green Spaces with Different Vegetation Structure on Atmospheric Particulate Matter Concentration in Baoji City, China. <i>Atmosphere</i> , 2018, 9, 332.	2.3	27
13	What Characteristics of Urban Green Spaces and Recreational Activities Do Self-Reported Stressed Individuals Like? A Case Study of Baoji, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1348.	2.6	24
14	Reduction of Atmospheric Suspended Particulate Matter Concentration and Influencing Factors of Green Space in Urban Forest Park. <i>Forests</i> , 2020, 11, 950.	2.1	23
15	A methodological study of biotope mapping in nature conservation. <i>Urban Forestry and Urban Greening</i> , 2010, 9, 161-166.	5.3	22
16	The Effects of Urban Natural Environments on Preference and Self-Reported Psychological Restoration of the Elderly. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 509.	2.6	21
17	The Importance of Temporal and Spatial Vegetation Structure Information in Biotope Mapping Schemes: A Case Study in Helsingborg, Sweden. <i>Environmental Management</i> , 2012, 49, 459-472.	2.7	18
18	The Psychological Restorative Effects of Campus Environments on College Students in the Context of the COVID-19 Pandemic: A Case Study at Northwest A&F University, Shaanxi, China. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8731.	2.6	18

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19	Dynamics of gaps and large openings in a secondary forest of Northeast China over 50 years. <i>Annals of Forest Science</i> , 2019, 76, 1.	2.0	12
20	Terrestrial laser scanning-derived canopy interception index for predicting rainfall interception. <i>Ecohydrology</i> , 2020, 13, e2212.	2.4	12
21	HyperSeed: An End-to-End Method to Process Hyperspectral Images of Seeds. <i>Sensors</i> , 2021, 21, 8184.	3.8	12
22	Mapping growing stock volume and biomass carbon storage of larch plantations in Northeast China with L-band ALOS PALSAR backscatter mosaics. <i>International Journal of Remote Sensing</i> , 2018, 39, 7978-7997.	2.9	11
23	Is an Environment with High Biodiversity the Most Attractive for Human Recreation? A Case Study in Baoji, China. <i>Sustainability</i> , 2019, 11, 4086.	3.2	11
24	Systematic Application of Sponge City Facilities at Community Scale Based on SWMM. <i>Water (Switzerland)</i> , 2022, 14, 591.	2.7	11
25	Aboveground net primary productivity of vegetation along a climate-related gradient in a Eurasian temperate grassland: spatiotemporal patterns and their relationships with climate factors. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	9
26	Understory Vegetation Composition and Stand Are Mainly Limited by Soil Moisture in Black Locust Plantations of Loess Plateau. <i>Forests</i> , 2021, 12, 195.	2.1	9
27	The impact of landslides on chemical and microbial properties of soil in a temperate secondary forest ecosystem. <i>Journal of Forestry Research</i> , 2022, 33, 1913-1923.	3.6	9
28	Indicator selection combining audio and visual perception of urban green spaces. <i>Ecological Indicators</i> , 2022, 137, 108772.	6.3	8
29	Differences in Airborne Particulate Matter Concentration in Urban Green Spaces with Different Spatial Structures in Xi'an, China. <i>Forests</i> , 2022, 13, 14.	2.1	8
30	Using multi-source remote sensing data to classify larch plantations in Northeast China and support the development of multi-purpose silviculture. <i>Journal of Forestry Research</i> , 2018, 29, 889-904.	3.6	7
31	Trade-Offs Analysis of Ecosystem Services for the Grain for Green Program: Informing Reforestation Decisions in a Mountainous Headwater Region, Northeast China. <i>Sustainability</i> , 2020, 12, 4762.	3.2	7
32	Assessment of Ecological Vulnerability on Northern Sand Prevention Belt of China Based on the Ecological Pressure-Sensitivity-Resilience Model. <i>Sustainability</i> , 2021, 13, 6078.	3.2	7
33	The Effects of Artificial Lake Space on Satisfaction and Restorativeness of the Overall Environment and Soundscape in Urban Parks. <i>Frontiers in Built Environment</i> , 2021, 7, .	2.3	2
34	Based on atmospheric physics and ecological principle to assess the accuracies of field CO ₂ /H ₂ O measurements from infrared gas analyzers in closed-path eddy covariance systems. <i>Earth and Space Science</i> , 2021, 8, e2021EA001763.	2.6	2
35	Public Visual Preference for Dead Wood in Different Types of Landscape. <i>Forests</i> , 2021, 12, 44.	2.1	2
36	Is urban spontaneous vegetation rich in species and has potential for exploitation? - A case study in Baoji, China. <i>Plant Biosystems</i> , 2021, 155, 42-53.	1.6	1