Tian Gao

List of Publications by Year
in descending order

36 papers	999 citations	516561 16 h-index	434063 31 g-index
40 all docs	40 docs citations	40 times ranked	1309 citing authors

#	Article	IF	Citations
1	Systematic Application of Sponge City Facilities at Community Scale Based on SWMM. Water (Switzerland), 2022, 14, 591.	1.2	11
2	The impact of landslides on chemical and microbial properties of soil in a temperate secondary forest ecosystem. Journal of Forestry Research, 2022, 33, 1913-1923.	1.7	9
3	Indicator selection combining audio and visual perception of urban green spaces. Ecological Indicators, 2022, 137, 108772.	2.6	8
4	Differences in Airborne Particulate Matter Concentration in Urban Green Spaces with Different Spatial Structures in Xiâ€™an, China. Forests, 2022, 13, 14.	0.9	8
5	Is urban spontaneous vegetation rich in species and has potential for exploitation? - A case study in Baoji, China. Plant Biosystems, 2021, 155, 42-53.	0.8	1
6	The Effects of Urban Natural Environments on Preference and Self-Reported Psychological Restoration of the Elderly. International Journal of Environmental Research and Public Health, 2021, 18, 509.	1.2	21
7	Understory Vegetation Composition and Stand Are Mainly Limited by Soil Moisture in Black Locust Plantations of Loess Plateau. Forests, 2021, 12, 195.	0.9	9
8	Soundscape Perceptions and Preferences for Different Groups of Users in Urban Recreational Forest Parks. Forests, 2021, 12, 468.	0.9	29
9	Assessment of Ecological Vulnerability on Northern Sand Prevention Belt of China Based on the Ecological Pressureâ€“Sensibilityâ€“Resilience Model. Sustainability, 2021, 13, 6078.	1.6	7
10	The Effects of Artificial Lake Space on Satisfaction and Restorativeness of the Overall Environment and Soundscape in Urban Parks. Frontiers in Built Environment, 2021, 7, .	1.2	2
11	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. International Journal of Environmental Research and Public Health, 2021, 18, 8731.	1.2	18
12	Based on atmospheric physics and ecological principle to assess the accuracies of field CO 2 /H 2 O measurements from infrared gas analyzers in closedâ€path eddyâ€covariance systems. Earth and Space Science, 2021, 8, e2021EA001763.	1.1	2
13	Public Visual Preference for Dead Wood in Different Types of Landscape. Forests, 2021, 12, 44.	0.9	2
14	HyperSeed: An End-to-End Method to Process Hyperspectral Images of Seeds. Sensors, 2021, 21, 8184.	2.1	12
15	Reduction of Atmospheric Suspended Particulate Matter Concentration and Influencing Factors of Green Space in Urban Forest Park. Forests, 2020, 11, 950.	0.9	23
16	Trade-Offs Analysis of Ecosystem Services for the Grain for Green Program: Informing Reforestation Decisions in a Mountainous Headwater Region, Northeast China. Sustainability, 2020, 12, 4762.	1.6	7
17	Terrestrial laser scanningâ€derived canopy interception index for predicting rainfall interception. Ecohydrology, 2020, 13, e2212.	1.1	12
18	Is an Environment with High Biodiversity the Most Attractive for Human Recreation? A Case Study in Baoji, China. Sustainability, 2019, 11, 4086.	1.6	11

#	Article	IF	Citations
19	Dynamics of gaps and large openings in a secondary forest of Northeast China over 50Âyears. Annals of Forest Science, 2019, 76, 1.	0.8	12
20	Exploring Psychophysiological Restoration and Individual Preference in the Different Environments Based on Virtual Reality. International Journal of Environmental Research and Public Health, 2019, 16, 3102.	1.2	107
21	What Characteristics of Urban Green Spaces and Recreational Activities Do Self-Reported Stressed Individuals Like? A Case Study of Baoji, China. International Journal of Environmental Research and Public Health, 2019, 16, 1348.	1.2	24
22	Difference of Airborne Particulate Matter Concentration in Urban Space with Different Green Coverage Rates in Baoji, China. International Journal of Environmental Research and Public Health, 2019, 16, 1465.	1.2	29
23	Comparisons of Landscape Preferences through Three Different Perceptual Approaches. International Journal of Environmental Research and Public Health, 2019, 16, 4754.	1.2	32
24	Application of the eight perceived sensory dimensions as a tool for urban green space assessment and planning in China. Urban Forestry and Urban Greening, 2019, 40, 224-235.	2.3	34
25	Using multi-source remote sensing data to classify larch plantations in Northeast China and support the development of multi-purpose silviculture. Journal of Forestry Research, 2018, 29, 889-904.	1.7	7
26	The Reducing Effect of Green Spaces with Different Vegetation Structure on Atmospheric Particulate Matter Concentration in BaoJi City, China. Atmosphere, 2018, 9, 332.	1.0	27
27	Mapping growing stock volume and biomass carbon storage of larch plantations in Northeast China with L-band ALOS PALSAR backscatter mosaics. International Journal of Remote Sensing, 2018, 39, 7978-7997.	1.3	11
28	Aboveground net primary productivity of vegetation along a climate-related gradient in a Eurasian temperate grassland: spatiotemporal patterns and their relationships with climate factors. Environmental Earth Sciences, 2017, 76, 1.	1.3	9
29	Comparison of Tree Species Classifications at the Individual Tree Level by Combining ALS Data and RGB Images Using Different Algorithms. Remote Sensing, 2016, 8, 1034.	1.8	34
30	Mapping Spatial Distribution of Larch Plantations from Multi-Seasonal Landsat-8 OLI Imagery and Multi-Scale Textures Using Random Forests. Remote Sensing, 2015, 7, 1702-1720.	1.8	39
31	Reviewing the strength of evidence of biodiversity indicators for forest ecosystems in Europe. Ecological Indicators, 2015, 57, 420-434.	2.6	140
32	The role of forest stand structure as biodiversity indicator. Forest Ecology and Management, 2014, 330, 82-93.	1.4	100
33	Remote Sensing-Based Biomass Estimation and Its Spatio-Temporal Variations in Temperate Grassland, Northern China. Remote Sensing, 2014, 6, 1496-1513.	1.8	125
34	Spatio-Temporal Variation in Vegetation Biomass and Its Relationships with Climate Factors in the Xilingol Grasslands, Northern China. PLoS ONE, 2013, 8, e83824.	1.1	37
35	The Importance of Temporal and Spatial Vegetation Structure Information in Biotope Mapping Schemes: A Case Study in Helsingborg, Sweden. Environmental Management, 2012, 49, 459-472.	1.2	18
36	A methodological study of biotope mapping in nature conservation. Urban Forestry and Urban Greening, 2010, 9, 161-166.	2.3	22