Yanzheng Yang

List of Publications by Year
in descending order

35 papers	1,014 citations	567281 15 h-index	434195 31 g-index
35 all docs	35 docs citations	35 times ranked	2339 citing authors

#	Article	IF	Citations
1	Spatial Heterogeneity of Driving Factors of Wind Erosion Prevention Services in Northern China by Large-Scale Human Land-Use Management. Land, 2022, 11, 111.	2.9	2
2	Integrating Remotely Sensed Leaf Area Index with Biome-BGC to Quantify the Impact of Land Use/Land Cover Change on Water Retention in Beijing. Remote Sensing, 2022, 14, 743.	4.0	7
3	Climate change indirectly enhances sandstorm prevention services by altering ecosystem patterns on the Qinghai-Tibet Plateau. Journal of Mountain Science, 2021, 18, 1711-1724.	2.0	5
4	Leaf Trait Covariation and Its Controls: A Quantitative Data Analysis Along a Subtropical Elevation Gradient. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006378.	3.0	5
5	Quantifying Leaf Trait Covariations and Their Relationships with Plant Adaptation Strategies along an Aridity Gradient. Biology, 2021, 10, 1066.	2.8	5
6	Climate Change Will Reduce the Carbon Use Efficiency of Terrestrial Ecosystems on the Qinghai-Tibet Plateau: An Analysis Based on Multiple Models. Forests, 2021, 12, 12.	2.1	5
7	Detecting the Turning Points of Grassland Autumn Phenology on the Qinghai-Tibetan Plateau: Spatial Heterogeneity and Controls. Remote Sensing, 2021, 13, 4797.	4.0	8
8	Quantifying the Effects of Vegetation Restorations on the Soil Erosion Export and Nutrient Loss on the Loess Plateau. Frontiers in Plant Science, 2020, 11, 573126.	3.6	24
9	Quantifying the Effect of Crown Vertical Position on Individual Tree Competition: Total Overlap Index and Its Application in Sustainable Forest Management. Sustainability, 2020, 12, 7498.	3.2	2
10	Quantifying the Spatial Heterogeneity and Driving Factors of Aboveground Forest Biomass in the Urban Area of Xiâ€™an, China. ISPRS International Journal of Geo-Information, 2020, 9, 744.	2.9	4
11	Changes in Water Retention and Carbon Sequestration in the Huangshan UNESCO Global Geopark (China) from 2000 to 2015. Forests, 2020, 11, 1152.	2.1	6
12	Quantifying Ecosystem Service Trade-Offs to Inform Spatial Identification of Forest Restoration. Forests, 2020, 11, 563.	2.1	9
13	Attribution of the land surface temperature response to land-use conversions from bare land. Global and Planetary Change, 2020, 193, 103268.	3.5	13
14	Nitrous oxide emissions from three temperate forest types in the Qinling Mountains, China. Journal of Forestry Research, 2019, 30, 1417-1427.	3.6	4
15	Assessment of frozen ground organic carbon pool on the Qinghai-Tibet Plateau. Journal of Soils and Sediments, 2019, 19, 128-139.	3.0	18
16	Trait-Based Climate Change Predictions of Vegetation Sensitivity and Distribution in China. Frontiers in Plant Science, 2019, 10, 908.	3.6	11
17	Quantifying the Relationship among Impact Factors of Shrub Layer Diversity in Chinese Pine Plantation Forest Ecosystems. Forests, 2019, 10, 781.	2.1	6
18	Impact of Large-Scale Afforestation on Surface Temperature: A Case Study in the Kubuqi Desert, Inner Mongolia Based on the WRF Model. Forests, 2019, 10, 368.	2.1	9

#	Article	IF	Citations
19	Quantifying leaf–trait covariation and its controls across climates and biomes. New Phytologist, 2019, 221, 155-168.	7.3	60
20	Changes in soil organic carbon and microbial carbon storage projected during the 21st century using TRIPLEX-MICROBE. Ecological Indicators, 2019, 98, 80-87.	6.3	5
21	Modeling Global Riverine DOC Flux Dynamics From 1951 to 2015. Journal of Advances in Modeling Earth Systems, 2019, 11, 514-530.	3.8	34
22	Response of Surface Temperature to Afforestation in the Kubuqi Desert, Inner Mongolia. Journal of Geophysical Research D: Atmospheres, 2018, 123, 948-964.	3.3	36
23	The China Plant Trait Database: toward a comprehensive regional compilation of functional traits for land plants. Ecology, 2018, 99, 500-500.	3.2	67
24	Quantification of the response of global terrestrial net primary production to multifactor global change. Ecological Indicators, 2017, 76, 245-255.	6.3	36
25	Effects of ecological restoration projects on changes in land cover: A case study on the Loess Plateau in China. Scientific Reports, 2017, 7, 44496.	3.3	26
26	Spatial patterns of leaf $\delta^{13}C$ and its relationship with plant functional groups and environmental factors in China. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 1564-1575.	3.0	17
27	Qinghai–tibetan plateau peatland sustainable utilization under anthropogenic disturbances and climate change. Ecosystem Health and Sustainability, 2017, 3, .	3.1	40
28	A global meta-analysis of changes in soil carbon, nitrogen, phosphorus and sulfur, and stoichiometric shifts after forestation. Plant and Soil, 2016, 407, 323-340.	3.7	87
29	Multiple afforestation programs accelerate the greenness in the 'Three North' region of China from 1982 to 2013. Ecological Indicators, 2016, 61, 404-412.	6.3	264
30	Integrating a model with remote sensing observations by a data assimilation approach to improve the model simulation accuracy of carbon flux and evapotranspiration at two flux sites. Science China Earth Sciences, 2016, 59, 337-348.	5.2	9
31	The Spatial and Temporal Distribution of Dissolved Organic Carbon Exported from Three Chinese Rivers to the China Sea. PLoS ONE, 2016, 11, e0165039.	2.5	17
32	Integration of multi-classifiers in object-based methods for forest classification in the Loess plateau, China. ScienceAsia, 2016, 42, 283.	0.5	4
33	Estimating global natural wetland methane emissions using process modelling: spatio–temporal patterns and contributions to atmospheric methane fluctuations. Global Ecology and Biogeography, 2015, 24, 959-972.	5.8	53
34	From plant functional types to plant functional traits. Progress in Physical Geography, 2015, 39, 514-535.	3.2	70
35	Relationship between Air Pollutants and Economic Development of the Provincial Capital Cities in China during the Past Decade. PLoS ONE, 2014, 9, e104013.	2.5	46