

# Yanzheng Yang

## List of Publications by Year in descending order

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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	Multiple afforestation programs accelerate the greenness in the "Three North"™ region of China from 1982 to 2013. <i>Ecological Indicators</i> , 2016, 61, 404-412.	6.3	264
2	A global meta-analysis of changes in soil carbon, nitrogen, phosphorus and sulfur, and stoichiometric shifts after forestation. <i>Plant and Soil</i> , 2016, 407, 323-340.	3.7	87
3	From plant functional types to plant functional traits. <i>Progress in Physical Geography</i> , 2015, 39, 514-535.	3.2	70
4	The China Plant Trait Database: toward a comprehensive regional compilation of functional traits for land plants. <i>Ecology</i> , 2018, 99, 500-500.	3.2	67
5	Quantifying leaf-trait covariation and its controls across climates and biomes. <i>New Phytologist</i> , 2019, 221, 155-168.	7.3	60
6	Estimating global natural wetland methane emissions using process modelling: spatio-temporal patterns and contributions to atmospheric methane fluctuations. <i>Global Ecology and Biogeography</i> , 2015, 24, 959-972.	5.8	53
7	Relationship between Air Pollutants and Economic Development of the Provincial Capital Cities in China during the Past Decade. <i>PLoS ONE</i> , 2014, 9, e104013.	2.5	46
8	Qinghai-tibetan plateau peatland sustainable utilization under anthropogenic disturbances and climate change. <i>Ecosystem Health and Sustainability</i> , 2017, 3, .	3.1	40
9	Quantification of the response of global terrestrial net primary production to multifactor global change. <i>Ecological Indicators</i> , 2017, 76, 245-255.	6.3	36
10	Response of Surface Temperature to Afforestation in the Kubuqi Desert, Inner Mongolia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 948-964.	3.3	36
11	Modeling Global Riverine DOC Flux Dynamics From 1951 to 2015. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 514-530.	3.8	34
12	Effects of ecological restoration projects on changes in land cover: A case study on the Loess Plateau in China. <i>Scientific Reports</i> , 2017, 7, 44496.	3.3	26
13	Quantifying the Effects of Vegetation Restorations on the Soil Erosion Export and Nutrient Loss on the Loess Plateau. <i>Frontiers in Plant Science</i> , 2020, 11, 573126.	3.6	24
14	Assessment of frozen ground organic carbon pool on the Qinghai-Tibet Plateau. <i>Journal of Soils and Sediments</i> , 2019, 19, 128-139.	3.0	18
15	Spatial patterns of leaf $\delta^{13}C$ and its relationship with plant functional groups and environmental factors in China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1564-1575.	3.0	17
16	The Spatial and Temporal Distribution of Dissolved Organic Carbon Exported from Three Chinese Rivers to the China Sea. <i>PLoS ONE</i> , 2016, 11, e0165039.	2.5	17
17	Attribution of the land surface temperature response to land-use conversions from bare land. <i>Global and Planetary Change</i> , 2020, 193, 103268.	3.5	13
18	Trait-Based Climate Change Predictions of Vegetation Sensitivity and Distribution in China. <i>Frontiers in Plant Science</i> , 2019, 10, 908.	3.6	11

#	ARTICLE	IF	CITATIONS
19	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. <i>Science China Earth Sciences</i> , 2016, 59, 337-348.	5.2	9
20	Impact of Large-Scale Afforestation on Surface Temperature: A Case Study in the Kubuqi Desert, Inner Mongolia Based on the WRF Model. <i>Forests</i> , 2019, 10, 368.	2.1	9
21	Quantifying Ecosystem Service Trade-Offs to Inform Spatial Identification of Forest Restoration. <i>Forests</i> , 2020, 11, 563.	2.1	9
22	Detecting the Turning Points of Grassland Autumn Phenology on the Qinghai-Tibetan Plateau: Spatial Heterogeneity and Controls. <i>Remote Sensing</i> , 2021, 13, 4797.	4.0	8
23	Integrating Remotely Sensed Leaf Area Index with Biome-BGC to Quantify the Impact of Land Use/Land Cover Change on Water Retention in Beijing. <i>Remote Sensing</i> , 2022, 14, 743.	4.0	7
24	Quantifying the Relationship among Impact Factors of Shrub Layer Diversity in Chinese Pine Plantation Forest Ecosystems. <i>Forests</i> , 2019, 10, 781.	2.1	6
25	Changes in Water Retention and Carbon Sequestration in the Huangshan UNESCO Global Geopark (China) from 2000 to 2015. <i>Forests</i> , 2020, 11, 1152.	2.1	6
26	Changes in soil organic carbon and microbial carbon storage projected during the 21st century using TRIPLEX-MICROBE. <i>Ecological Indicators</i> , 2019, 98, 80-87.	6.3	5
27	Climate change indirectly enhances sandstorm prevention services by altering ecosystem patterns on the Qinghai-Tibet Plateau. <i>Journal of Mountain Science</i> , 2021, 18, 1711-1724.	2.0	5
28	Leaf Trait Covariation and Its Controls: A Quantitative Data Analysis Along a Subtropical Elevation Gradient. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006378.	3.0	5
29	Quantifying Leaf Trait Covariations and Their Relationships with Plant Adaptation Strategies along an Aridity Gradient. <i>Biology</i> , 2021, 10, 1066.	2.8	5
30	Climate Change Will Reduce the Carbon Use Efficiency of Terrestrial Ecosystems on the Qinghai-Tibet Plateau: An Analysis Based on Multiple Models. <i>Forests</i> , 2021, 12, 12.	2.1	5
31	Nitrous oxide emissions from three temperate forest types in the Qinling Mountains, China. <i>Journal of Forestry Research</i> , 2019, 30, 1417-1427.	3.6	4
32	Quantifying the Spatial Heterogeneity and Driving Factors of Aboveground Forest Biomass in the Urban Area of Xi'an, China. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 744.	2.9	4
33	Integration of multi-classifiers in object-based methods for forest classification in the Loess plateau, China. <i>ScienceAsia</i> , 2016, 42, 283.	0.5	4
34	Quantifying the Effect of Crown Vertical Position on Individual Tree Competition: Total Overlap Index and Its Application in Sustainable Forest Management. <i>Sustainability</i> , 2020, 12, 7498.	3.2	2
35	Spatial Heterogeneity of Driving Factors of Wind Erosion Prevention Services in Northern China by Large-Scale Human Land-Use Management. <i>Land</i> , 2022, 11, 111.	2.9	2