

# Yongfang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

3,216  
citations

147726

31  
h-index

206029

48  
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115  
all docs

115  
docs citations

115  
times ranked

2830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint analysis of drought and heat events during maize ( <i>Zea mays</i> L.) growth periods using copula and cloud models: A case study of Songliao Plain. <i>Agricultural Water Management</i> , 2022, 259, 107238.	2.4	15
2	Spatiotemporal variation of ecological carrying capacity in Dongliao River Basin, China. <i>Ecological Indicators</i> , 2022, 135, 108548.	2.6	15
3	Spatial-temporal dynamic evaluation of the ecosystem service value from the perspective of "production-living-ecological" spaces: A case study in Dongliao River Basin, China. <i>Journal of Cleaner Production</i> , 2022, 333, 130218.	4.6	42
4	Assessment of Seasonal Drought Impact on Potato in the Northern Single Cropping Area of China. <i>Water (Switzerland)</i> , 2022, 14, 494.	1.2	1
5	Spatiotemporal variation in precipitation concentration and its potential relationship with drought under different scenarios in Inner Mongolia, China. <i>International Journal of Climatology</i> , 2022, 42, 7648-7667.	1.5	4
6	Hazard Assessment of Earthquake Disaster Chains Based on Deep Learning—A Case Study of Mao County, Sichuan Province. <i>Frontiers in Earth Science</i> , 2022, 9, .	0.8	3
7	Assessment of Maize Drought Risk in Midwestern Jilin Province: A Comparative Analysis of TOPSIS and VIKOR Models. <i>Remote Sensing</i> , 2022, 14, 2399.	1.8	12
8	Comprehensive Risk Assessment of Urban Waterlogging Disaster Based on MCDA-GIS Integration: The Case Study of Changchun, China. <i>Remote Sensing</i> , 2022, 14, 3101.	1.8	20
9	Comprehensive climatic suitability evaluation of peanut in Huang-Huai-Hai region under the background of climate change. <i>Scientific Reports</i> , 2022, 12, .	1.6	9
10	GIS- and MCD-based suitability assessment for optimized location of solid waste landfills in Dar es Salaam, Tanzania. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11259-11278.	2.7	22
11	Short-Term Effects of Fire Severity on Vegetation Based on Sentinel-2 Satellite Data. <i>Sustainability</i> , 2021, 13, 432.	1.6	17
12	NDVI Indicates Long-Term Dynamics of Vegetation and Its Driving Forces from Climatic and Anthropogenic Factors in Mongolian Plateau. <i>Remote Sensing</i> , 2021, 13, 688.	1.8	54
13	Prediction of Potential Geographical Distribution Patterns of <i>Actinidia arguta</i> under Different Climate Scenarios. <i>Sustainability</i> , 2021, 13, 3526.	1.6	11
14	GIS-Based Multi-Criteria Approach for Flood Vulnerability Assessment and Mapping in District Shangla: Khyber Pakhtunkhwa, Pakistan. <i>Sustainability</i> , 2021, 13, 3126.	1.6	38
15	Ecological risk and early warning of soil compound pollutants (HMs, PAHs, PCBs and OCPs) in an industrial city, Changchun, China. <i>Environmental Pollution</i> , 2021, 272, 116038.	3.7	33
16	Comprehensive Evaluation of Green Development in Dongliao River Basin from the Integration System of "Multi-Dimensions". <i>Sustainability</i> , 2021, 13, 4785.	1.6	7
17	Time-Lagged Correlation between Soil Moisture and Intra-Annual Dynamics of Vegetation on the Mongolian Plateau. <i>Remote Sensing</i> , 2021, 13, 1527.	1.8	12
18	Modeling Water Quality Parameters Using Landsat Multispectral Images: A Case Study of Erlong Lake, Northeast China. <i>Remote Sensing</i> , 2021, 13, 1603.	1.8	15

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19	Rapid Determination of Low Heavy Metal Concentrations in Grassland Soils around Mining Using Visâ€NIR Spectroscopy: A Case Study of Inner Mongolia, China. <i>Sensors</i> , 2021, 21, 3220.	2.1	11
20	GIS-Based Urban Flood Resilience Assessment Using Urban Flood Resilience Model: A Case Study of Peshawar City, Khyber Pakhtunkhwa, Pakistan. <i>Remote Sensing</i> , 2021, 13, 1864.	1.8	43
21	Spatial-Temporal Change of Land Use and Its Impact on Water Quality of East-Liao River Basin from 2000 to 2020. <i>Water (Switzerland)</i> , 2021, 13, 1955.	1.2	4
22	Assessment of Climate Variability among Seasonal Trends Using In Situ Measurements: A Case Study of Punjab, Pakistan. <i>Atmosphere</i> , 2021, 12, 939.	1.0	16
23	Analysis of Characteristics of Dryâ€Wet Events Abrupt Alternation in Northern Shaanxi, China. <i>Water (Switzerland)</i> , 2021, 13, 2384.	1.2	6
24	Monitoring Vegetation Change and Its Potential Drivers in Inner Mongolia from 2000 to 2019. <i>Remote Sensing</i> , 2021, 13, 3357.	1.8	35
25	Spatiotemporal Variation of Water Supply and Demand Balance under Drought Risk and Its Relationship with Maize Yield: A Case Study in Midwestern Jilin Province, China. <i>Water (Switzerland)</i> , 2021, 13, 2490.	1.2	9
26	Situation of Urban Mobility in Pakistan: Before, during, and after the COVID-19 Lockdown with Climatic Risk Perceptions. <i>Atmosphere</i> , 2021, 12, 1190.	1.0	7
27	Comprehensive Risk Assessment of High Temperature Disaster to Kiwifruit in Shaanxi Province, China. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10437.	1.2	9
28	Impact of global warming on meteorological drought: a case study of the Songliao Plain, China. <i>Theoretical and Applied Climatology</i> , 2021, 146, 1315-1334.	1.3	5
29	Comparison of Tree-Structured Parzen Estimator Optimization in Three Typical Neural Network Models for Landslide Susceptibility Assessment. <i>Remote Sensing</i> , 2021, 13, 4694.	1.8	21
30	Comprehensive assessment of heavy metals pollution of farmland soil and crops in Jilin Province. <i>Environmental Geochemistry and Health</i> , 2020, 42, 4369-4383.	1.8	11
31	Assessing spatiotemporal variation of heat waves during 1961â€2016 across mainland China. <i>International Journal of Climatology</i> , 2020, 40, 3036-3051.	1.5	9
32	Quantitative assessment and driving force analysis of vegetation drought risk to climate change: Methodology and application in Northeast China. <i>Agricultural and Forest Meteorology</i> , 2020, 282-283, 107865.	1.9	41
33	Hazard Mapping of the Rainfallâ€Landslides Disaster Chain Based on GeoDetector and Bayesian Network Models in Shuicheng County, China. <i>Water (Switzerland)</i> , 2020, 12, 2572.	1.2	24
34	Multidimensional Analysis of the Spatiotemporal Variations in Ecological, Production and Living Spaces of Inner Mongolia and an Identification of Driving Forces. <i>Sustainability</i> , 2020, 12, 7964.	1.6	12
35	Rainfall Induced Landslide Susceptibility Mapping Based on Bayesian Optimized Random Forest and Gradient Boosting Decision Tree Modelsâ€A Case Study of Shuicheng County, China. <i>Water (Switzerland)</i> , 2020, 12, 3066.	1.2	50
36	Drought drives the pine caterpillars ( <i>Dendrolimus</i> spp.) outbreaks and their prediction under different RCPs scenarios: A case study of Shandong Province, China. <i>Forest Ecology and Management</i> , 2020, 475, 118446.	1.4	11

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37	Debris Flow Susceptibility Assessment Using the Integrated Random Forest Based Steady-State Infinite Slope Method: A Case Study in Changbai Mountain, China. <i>Water (Switzerland)</i> , 2020, 12, 2057.	1.2	8
38	Spatiotemporal variation of heat and cold waves and their potential relation with the large-scale atmospheric circulation across Inner Mongolia, China. <i>Theoretical and Applied Climatology</i> , 2020, 142, 643-659.	1.3	6
39	Study on Land Use/Cover Change and Ecosystem Services in Harbin, China. <i>Sustainability</i> , 2020, 12, 6076.	1.6	14
40	Spatiotemporal variations of precipitation concentration and their potential links to drought in mainland China. <i>Journal of Cleaner Production</i> , 2020, 267, 122004.	4.6	38
41	GIS-based flood hazard mapping using relative frequency ratio method: A case study of Panjkora River Basin, eastern Hindu Kush, Pakistan. <i>PLoS ONE</i> , 2020, 15, e0229153.	1.1	121
42	Pollution, Sources and Human Health Risk Assessment of Potentially Toxic Elements in Different Land Use Types under the Background of Industrial Cities. <i>Sustainability</i> , 2020, 12, 2121.	1.6	11
43	Characteristic Analysis of Droughts and Waterlogging Events for Maize Based on a New Comprehensive Index through Coupling of Multisource Data in Midwestern Jilin Province, China. <i>Remote Sensing</i> , 2020, 12, 60.	1.8	18
44	Occurrence and distribution of selected antibiotics in the surface waters and ecological risk assessment based on the theory of natural disaster. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28384-28400.	2.7	17
45	Analysis for Spatio-Temporal Variation Characteristics of Droughts in Different Climatic Regions of the Mongolian Plateau Based on SPEI. <i>Sustainability</i> , 2019, 11, 5767.	1.6	11
46	Effect of Climate Change on Maize Yield in the Growing Season: A Case Study of the Songliao Plain Maize Belt. <i>Water (Switzerland)</i> , 2019, 11, 2108.	1.2	18
47	Yield Data Provide New Insight into the Dynamic Evaluation of Maize's Climate Suitability: A Case Study in Jilin Province, China. <i>Atmosphere</i> , 2019, 10, 305.	1.0	12
48	Dynamic Evaluation and Regionalization of Maize Drought Vulnerability in the Midwest of Jilin Province. <i>Sustainability</i> , 2019, 11, 4234.	1.6	7
49	Risk Assessment of An Earthquake-Collapse-Landslide Disaster Chain by Bayesian Network and Newmark Models. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3330.	1.2	10
50	Intensive Livestock Production Causing Antibiotic Pollution in the Yinma River of Northeast China. <i>Water (Switzerland)</i> , 2019, 11, 2006.	1.2	10
51	Environmental Risk Assessment of Metals in the Volcanic Soil of Changbai Mountain. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2047.	1.2	22
52	Analyzing Municipal Solid Waste Treatment Scenarios in Rapidly Urbanizing Cities in Developing Countries: The Case of Dar es Salaam, Tanzania. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2035.	1.2	26
53	Hazard Assessment of Earthquake Disaster Chains Based on a Bayesian Network Model and ArcGIS. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 210.	1.4	17
54	Effect of Drought on Outbreaks of Major Forest Pests, Pine Caterpillars ( <i>Dendrolimus</i> spp.), in Shandong Province, China. <i>Forests</i> , 2019, 10, 264.	0.9	12

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55	Spatial and temporal variations of precipitation concentration and their relationships with large-scale atmospheric circulations across Northeast China. <i>Atmospheric Research</i> , 2019, 222, 62-73.	1.8	46
56	Applying a Series and Parallel Model and a Bayesian Networks Model to Produce Disaster Chain Susceptibility Maps in the Changbai Mountain area, China. <i>Water (Switzerland)</i> , 2019, 11, 2144.	1.2	11
57	Spatial and temporal variability in extreme temperature and precipitation events in Inner Mongolia (China) during 1960–2017. <i>Science of the Total Environment</i> , 2019, 649, 75-89.	3.9	140
58	Spatial distribution and temporal variation of drought in Inner Mongolia during 1901–2014 using Standardized Precipitation Evapotranspiration Index. <i>Science of the Total Environment</i> , 2019, 654, 850-862.	3.9	92
59	Spatiotemporal variations of extreme climate events in Northeast China during 1960–2014. <i>Ecological Indicators</i> , 2019, 96, 669-683.	2.6	51
60	Integrated drought risk assessment of multi-hazard-affected bodies based on copulas in the Taoerhe Basin, China. <i>Theoretical and Applied Climatology</i> , 2019, 135, 577-592.	1.3	13
61	Run Theory and Copula-Based Drought Risk Analysis for Songnen Grassland in Northeastern China. <i>Sustainability</i> , 2019, 11, 6032.	1.6	33
62	<i>Enterobacter aerogenes</i> metabolites enhance <i>Microcystis aeruginosa</i> biomass recovery for sustainable bioflocculant and biohydrogen production. <i>Science of the Total Environment</i> , 2018, 634, 488-496.	3.9	17
63	Contamination and health risk assessment of PAHs in farmland soils of the Yinma River Basin, China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 383-390.	2.9	51
64	Analyzing vegetation dynamic trend on the Mongolian Plateau based on the Hurst exponent and influencing factors from 1982–2013. <i>Journal of Chinese Geography</i> , 2018, 28, 595-610.	1.5	79
65	Assessing non-linear variation of temperature and precipitation for different growth periods of maize and their impacts on phenology in the Midwest of Jilin Province, China. <i>Theoretical and Applied Climatology</i> , 2018, 132, 685-699.	1.3	11
66	The relationship of chromophoric dissolved organic matter parallel factor analysis fluorescence and polycyclic aromatic hydrocarbons in natural surface waters. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1428-1438.	2.7	10
67	Vegetation Dynamics and Diverse Responses to Extreme Climate Events in Different Vegetation Types of Inner Mongolia. <i>Atmosphere</i> , 2018, 9, 394.	1.0	24
68	Spatiotemporal Variations of Land Use/Cover Changes in Inner Mongolia (China) during 1980–2015. <i>Sustainability</i> , 2018, 10, 4730.	1.6	9
69	Quantitative Agricultural Flood Risk Assessment Using Vulnerability Surface and Copula Functions. <i>Water (Switzerland)</i> , 2018, 10, 1229.	1.2	13
70	Regional Landslide Identification Based on Susceptibility Analysis and Change Detection. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 394.	1.4	12
71	Terrestrial humic-like fluorescence peak of chromophoric dissolved organic matter as a new potential indicator tracing the antibiotics in typical polluted watershed. <i>Journal of Environmental Management</i> , 2018, 228, 65-76.	3.8	26
72	The Spatial Distributions and Variations of Water Environmental Risk in Yinma River Basin, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 521.	1.2	14

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73	Human Health Risk Assessment of Toxic Elements in Farmland Topsoil with Source Identification in Jilin Province, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1040.	1.2	20
74	The Human Health Assessment to Phthalate Acid Esters (PAEs) and Potential Probability Prediction by Chromophoric Dissolved Organic Matter EEM-FRI Fluorescence in Erlong Lake. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1109.	1.2	9
75	Accumulation characteristics and potential risk of PAHs in vegetable system grow in home garden under straw burning condition in Jilin, Northeast China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 647-654.	2.9	33
76	Himawari-8 Satellite Based Dynamic Monitoring of Grassland Fire in China-Mongolia Border Regions. <i>Sensors</i> , 2018, 18, 276.	2.1	28
77	The DPSIR Model for Environmental Risk Assessment of Municipal Solid Waste in Dar es Salaam City, Tanzania. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1692.	1.2	37
78	Spatiotemporal drought variability on the Mongolian Plateau from 1980â€“2014 based on the SPEI-PM, intensity analysis and Hurst exponent. <i>Science of the Total Environment</i> , 2018, 615, 1557-1565.	3.9	136
79	Risk assessment of drought disaster in typical area of corn cultivation in China. <i>Theoretical and Applied Climatology</i> , 2017, 128, 533-540.	1.3	35
80	Polycyclic aromatic hydrocarbons (PAHs) in water and sediment from a river basin: sedimentâ€“water partitioning, source identification and environmental health risk assessment. <i>Environmental Geochemistry and Health</i> , 2017, 39, 63-74.	1.8	99
81	Monitoring the trends of aeolian desertified lands based on time-series remote sensing data in the Horqin Sandy Land, China. <i>Catena</i> , 2017, 157, 286-298.	2.2	44
82	Content aware video quality prediction model for HEVC encoded bitstream. <i>Multimedia Tools and Applications</i> , 2017, 76, 19191-19209.	2.6	1
83	Assessing spatiotemporal variation of drought and its impact on maize yield in Northeast China. <i>Journal of Hydrology</i> , 2017, 553, 231-247.	2.3	87
84	Dynamics and ecological risk assessment of chromophoric dissolved organic matter in the Yinma River Watershed: Rivers, reservoirs, and urban waters. <i>Environmental Research</i> , 2017, 158, 245-254.	3.7	30
85	Temporal and spatial characteristics of extreme precipitation events in the Midwest of Jilin Province based on multifractal detrended fluctuation analysis method and copula functions. <i>Theoretical and Applied Climatology</i> , 2017, 130, 597-607.	1.3	16
86	Theoretical Model of Spiral Rain Clusters and Analysis of Their Horizontal Structure Equation. <i>Atmosphere</i> , 2017, 8, 106.	1.0	0
87	Occurrence, Ecological and Human Health Risks, and Seasonal Variations of Phenolic Compounds in Surface Water and Sediment of a Potential Polluted River Basin in China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1140.	1.2	27
88	Changes of Reference Evapotranspiration and Its Relationship to Dry/Wet Conditions Based on the Aridity Index in the Songnen Grassland, Northeast China. <i>Water (Switzerland)</i> , 2017, 9, 316.	1.2	17
89	Inter-decadal Spatiotemporal Variations of Aridity Based on Temperature and Precipitation in Inner Mongolia, China. <i>Polish Journal of Environmental Studies</i> , 2017, 26, 819-826.	0.6	6
90	Geographical Detector Model for Influencing Factors of Industrial Sector Carbon Dioxide Emissions in Inner Mongolia, China. <i>Sustainability</i> , 2016, 8, 149.	1.6	38

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91	Spatiotemporal Characterization of Chromophoric Dissolved Organic Matter (CDOM) and CDOM-DOC Relationships for Highly Polluted Rivers. <i>Water (Switzerland)</i> , 2016, 8, 399.	1.2	27
92	Decomposing the Influencing Factors of Industrial Sector Carbon Dioxide Emissions in Inner Mongolia Based on the LMDI Method. <i>Sustainability</i> , 2016, 8, 661.	1.6	17
93	Dynamics of Fractional Vegetation Coverage and Its Relationship with Climate and Human Activities in Inner Mongolia, China. <i>Remote Sensing</i> , 2016, 8, 776.	1.8	50
94	Preparative Purification of Bioactive Compounds from <i>Flos Chrysanthemi Indici</i> and Evaluation of Its Antiosteoporosis Effect. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-12.	0.5	8
95	Wargame Simulation Theory and Evaluation Method for Emergency Evacuation of Residents from Urban Waterlogging Disaster Area. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1260.	1.2	21
96	Estimation of Variability Characteristics of Regional Drought during 1964–2013 in Horqin Sandy Land, China. <i>Water (Switzerland)</i> , 2016, 8, 543.	1.2	19
97	Drought hazard assessment in typical corn cultivated areas of China at present and potential climate change. <i>Natural Hazards</i> , 2016, 81, 1323-1331.	1.6	40
98	Human health risk assessment and source diagnosis of polycyclic aromatic hydrocarbons (PAHs) in the corn and agricultural soils along main roadside in Changchun, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 706-720.	1.7	29
99	Linarin promotes osteogenic differentiation by activating the BMP-2/RUNX2 pathway via protein kinase A signaling. <i>International Journal of Molecular Medicine</i> , 2016, 37, 901-910.	1.8	56
100	Fuzzy Comprehensive Evaluation-Based Disaster Risk Assessment of Desertification in Horqin Sand Land, China. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 1703-1725.	1.2	21
101	Human Health and Ecological Risk Assessment of 16 Polycyclic Aromatic Hydrocarbons in Drinking Source Water from a Large Mixed-Use Reservoir. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 13956-13969.	1.2	48
102	The impacts of long-term and year-to-year temperature change on corn yield in China. <i>Theoretical and Applied Climatology</i> , 2015, 119, 77-82.	1.3	21
103	Flood Disaster Risk Assessment of Rural Housings – A Case Study of Kouqian Town in China. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 3787-3802.	1.2	19
104	Effects and Risk Evaluation of Oil Spillage in the Sea Areas of Changxing Island. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 8491-8507.	1.2	16
105	Evaluation of Resident Evacuations in Urban Rainstorm Waterlogging Disasters Based on Scenario Simulation: Daoli District (Harbin, China) as an Example. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 9964-9980.	1.2	24
106	Mapping and Evaluating the Urbanization Process in Northeast China Using DMSP/OLS Nighttime Light Data. <i>Sensors</i> , 2014, 14, 3207-3226.	2.1	91
107	Integrated risk assessment of flood disaster based on improved set pair analysis and the variable fuzzy set theory in central Liaoning Province, China. <i>Natural Hazards</i> , 2014, 74, 947-965.	1.6	125
108	Dynamic risk assessment of drought disaster for maize based on integrating multi-sources data in the region of the northwest of Liaoning Province, China. <i>Natural Hazards</i> , 2013, 65, 1393-1409.	1.6	34

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109	A low complexity deblocking filtering for multiview video coding. IEEE Transactions on Consumer Electronics, 2013, 59, 666-671.	3.0	1
110	Long-Term Satellite Detection of Post-Fire Vegetation Trends in Boreal Forests of China. Remote Sensing, 2013, 5, 6938-6957.	1.8	23
111	Scenario Simulation-Based Assessment of Trip Difficulty for Urban Residents under Rainstorm Waterlogging. International Journal of Environmental Research and Public Health, 2012, 9, 2057-2074.	1.2	21
112	Grid-Based Multi-Attribute Risk Assessment of Snow Disasters in the Grasslands of Xilingol, Inner Mongolia. Human and Ecological Risk Assessment (HERA), 2011, 17, 712-731.	1.7	13
113	Risk assessment of drought disaster in the maize-growing region of Songliao Plain, China. Agriculture, Ecosystems and Environment, 2004, 102, 133-153.	2.5	144