

# Yuanyuan Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,789  
citations

331670

21  
h-index

276875

41  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the normalized difference built-up index to map urban built-up areas using a semiautomatic segmentation approach. <i>Remote Sensing Letters</i> , 2010, 1, 213-221.	1.4	249
2	Application of DMSP/OLS Nighttime Light Images: A Meta-Analysis and a Systematic Literature Review. <i>Remote Sensing</i> , 2014, 6, 6844-6866.	4.0	183
3	Grassland ecosystem services: a systematic review of research advances and future directions. <i>Landscape Ecology</i> , 2020, 35, 793-814.	4.2	173
4	Impacts of anthropogenic land use/cover changes on soil wind erosion in China. <i>Science of the Total Environment</i> , 2019, 668, 204-215.	8.0	120
5	Triggering Lattice Oxygen Activation of Single-Atomic Mo Sites Anchored on Ni-Fe Oxyhydroxides Nanoarrays for Electrochemical Water Oxidation. <i>Advanced Materials</i> , 2022, 34, e2202523.	21.0	103
6	Advances in Imaging Plant Cell Walls. <i>Trends in Plant Science</i> , 2019, 24, 867-878.	8.8	79
7	Linking wind erosion to ecosystem services in drylands: a landscape ecological approach. <i>Landscape Ecology</i> , 2017, 32, 2399-2417.	4.2	73
8	MicroRNA857 Is Involved in the Regulation of Secondary Growth of Vascular Tissues in Arabidopsis. <i>Plant Physiology</i> , 2015, 169, pp.01011.2015.	4.8	67
9	Crystallization behavior of biodegradable poly(L-lactide)/multiwalled carbon nanotubes nanocomposites from the amorphous state. <i>Polymer Engineering and Science</i> , 2011, 51, 1564-1573.	3.1	45
10	Alternative future analysis for assessing the potential impact of climate change on urban landscape dynamics. <i>Science of the Total Environment</i> , 2015, 532, 48-60.	8.0	43
11	Hierarchical N,P co-doped graphene aerogels framework assembling vertically grown CoMn-LDH nanosheets as efficient bifunctional electrocatalyst for rechargeable Zinc-air battery. <i>Journal of Colloid and Interface Science</i> , 2021, 590, 476-486.	9.4	43
12	Feasibility of Using Drinking Water Treatment Residuals as a Novel Chlorpyrifos Adsorbent. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7446-7452.	5.2	40
13	Ecological and environmental consequences of ecological projects in the Beijing-Tianjin sand source region. <i>Ecological Indicators</i> , 2020, 112, 106111.	6.3	39
14	The Pentatricopeptide Repeat Protein Pigment-Defective Mutant2 is Involved in the Regulation of Chloroplast Development and Chloroplast Gene Expression in Arabidopsis. <i>Plant and Cell Physiology</i> , 2017, 58, 747-759.	3.1	38
15	Genome-wide analysis reveals dynamic changes in expression of microRNAs during vascular cambium development in Chinese fir, <i>Cunninghamia lanceolata</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 3041-3054.	4.8	37
16	Transcriptome and Degradome Sequencing Reveals Dormancy Mechanisms of <i>Cunninghamia lanceolata</i> Seeds. <i>Plant Physiology</i> , 2016, 172, 2347-2362.	4.8	33
17	Regulation of polymorphic behavior of biodegradable poly(butylene adipate) by multi-walled carbon nanotubes. <i>CrystEngComm</i> , 2011, 13, 7129.	2.6	28
18	Behavior of chlorpyrifos and its major metabolite TCP (3,5,6-trichloro-2-pyridinol) in agricultural soils amended with drinking water treatment residuals. <i>Journal of Soils and Sediments</i> , 2017, 17, 889-900.	3.0	26

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19	Effects of Urbanization on Landscape Patterns in a Mountainous Area: A Case Study in the Mentougou District, Beijing, China. <i>Sustainability</i> , 2016, 8, 1190.	3.2	23
20	Monitoring vegetation dynamics by coupling linear trend analysis with change vector analysis: a case study in the Xilingol steppe in northern China. <i>International Journal of Remote Sensing</i> , 2012, 33, 287-308.	2.9	22
21	Improving change vector analysis by cross-correlogram spectral matching for accurate detection of land-cover conversion. <i>International Journal of Remote Sensing</i> , 2013, 34, 1127-1145.	2.9	21
22	In vivo cytological and chemical analysis of Casparian strips using stimulated Raman scattering microscopy. <i>Journal of Plant Physiology</i> , 2018, 220, 136-144.	3.5	21
23	Spatiotemporal variation in the occurrence of sand-dust events and its influencing factors in the Beijing-Tianjin Sand Source Region, China, 1982–2013. <i>Regional Environmental Change</i> , 2018, 18, 2433-2444.	2.9	20
24	Three-dimensional reconstruction of <i>Picea wilsonii</i> Mast. pollen grains using automated electron microscopy. <i>Science China Life Sciences</i> , 2020, 63, 171-179.	4.9	20
25	Assessment of ecosystem services value in response to prevailing and future land use/cover changes in Lahore, Pakistan. <i>Regional Sustainability</i> , 2020, 1, 37-47.	2.3	18
26	A novel Anxa2-interacting protein Ebp1 inhibits cancer proliferation and invasion by suppressing Anxa2 protein level. <i>Molecular and Cellular Endocrinology</i> , 2015, 411, 75-85.	3.2	17
27	Assessment of spatiotemporal variations of ecosystem service values and hotspots in a dryland: A case study in Pakistan. <i>Land Degradation and Development</i> , 2022, 33, 1383-1397.	3.9	17
28	Effect of Low Multi-Walled Carbon Nanotubes Loading on the Crystallization Behavior of Biodegradable Poly(Butylene Adipate). <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 4067-4074.	0.9	16
29	Conjoint Analysis of Genome-Wide lncRNA and mRNA Expression of Heteromorphic Leaves in Response to Environmental Heterogeneity in <i>Populus euphratica</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 5148.	4.1	16
30	Prolonged shedding of SARS-CoV-2 in an elderly liver transplant patient infected by COVID-19: a case report. <i>Annals of Palliative Medicine</i> , 2021, 10, 7003-7007.	1.2	15
31	Use of Fe/Al drinking water treatment residuals as amendments for enhancing the retention capacity of glyphosate in agricultural soils. <i>Journal of Environmental Sciences</i> , 2015, 34, 133-142.	6.1	14
32	Short-term use of MyD88 inhibitor TJ-M2010-5 prevents d-galactosamine/lipopolysaccharide-induced acute liver injury in mice. <i>International Immunopharmacology</i> , 2019, 67, 356-365.	3.8	14
33	Spatiotemporal Variation of Vegetation Coverage and Its Response to Climate Factors and Human Activities in Arid and Semi-Arid Areas: Case Study of the Otindag Sandy Land in China. <i>Sustainability</i> , 2020, 12, 5214.	3.2	13
34	Biodegradable poly(butylene succinate-co-butylene adipate)/multiwalled carbon nanotube nanocomposites: Preparation, morphology, and crystallization behavior. <i>Journal of Applied Polymer Science</i> , 2012, 124, 4268-4273.	2.6	11
35	Single-Nucleotide Polymorphisms in the 3' Untranslated Region of CORIN Associated With Cardiovascular Diseases in a Chinese Han Population: A Case-Control Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 625072.	2.4	10
36	Seasonal changes in cambium activity from active to dormant stage affect the formation of secondary xylem in <i>Pinus tabulaeformis</i> Carr.. <i>Tree Physiology</i> , 2022, 42, 585-599.	3.1	10

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37	Non-Coding RNA Analyses of Seasonal Cambium Activity in <i>Populus tomentosa</i> . <i>Cells</i> , 2022, 11, 640.	4.1	10
38	A label-free, fast and high-specificity technique for plant cell wall imaging and composition analysis. <i>Plant Methods</i> , 2021, 17, 29.	4.3	9
39	RNA-seq Analysis Reveals Gene Expression Profiling of Female Fertile and Sterile Ovules of <i>Pinus Tabulaeformis</i> Carr. during Free Nuclear Mitosis of the Female Gametophyte. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2246.	4.1	7
40	Spatiotemporal patterns of the forage-livestock balance in the Xilin Gol steppe, China: implications for sustainably utilizing grassland-ecosystem services. <i>Journal of Arid Land</i> , 2021, 13, 135-151.	2.3	7
41	Impact of Cropland Evolution on Soil Wind Erosion in Inner Mongolia of China. <i>Land</i> , 2021, 10, 583.	2.9	7
42	Leaf Temperature Fluctuations of Typical Psammophytic Plants and Their Application to Stomatal Conductance Estimation. <i>Forests</i> , 2018, 9, 313.	2.1	6
43	An Effective and Inducible System of TAL Effector-Mediated Transcriptional Repression in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2016, 9, 1546-1549.	8.3	5
44	An analytical approach for assessment of geographical variation in ecosystem service intensity in Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 38145-38158.	5.3	5
45	Land-use/land-cover change detection by using the extended change-vector analysis. , 2010, , .		3
46	Morphology, crystallization and mechanical properties of biodegradable poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (su Research, 2014, 22, 693-700.	2.4	3
47	TROVE2 strengthens the anti-inflammatory effect via macrophage polarization by estrogen induction in abdominal aortic aneurysm. <i>Life Sciences</i> , 2020, 242, 117207.	4.3	3
48	Transition of CrI<sub>2</sub> from a two-dimensional network to one-dimensional chain at the monolayer limit. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 25291-25297.	2.8	3
49	iTRAQ-based proteomic analysis of heteromorphic leaves reveals eco-adaptability of <i>Populus euphratica</i> Oliv.. <i>Journal of Plant Physiology</i> , 2022, 271, 153644.	3.5	2
50	Improving change vector analysis in Multi-temporal space to detect land cover changes by using cross-correlogram spectral matching algorithm. , 2011, , .		1
51	Spatio-Temporal Evolution of Sandy Land and its Impact on Soil Wind Erosion in the Kubuqi Desert in Recent 30 Years. <i>Frontiers in Environmental Science</i> , 0, 10, .	3.3	1
52	Combined Transcriptome Analysis Reveals the Ovule Abortion Regulatory Mechanisms in the Female Sterile Line of <i>Pinus tabuliformis</i> Carr.. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3138.	4.1	0
53	Immunology of Transplant Patients with SARS-CoV-2 Infection: Transmission, Immune Response, and Therapeutic Strategy. <i>Critical Reviews in Immunology</i> , 2020, 40, 475-484.	0.5	0
54	Screening of Differentially Expressed Genes and Localization Analysis of Female Gametophyte at the Free Nuclear Mitosis Stage in <i>Pinus tabuliformis</i> Carr.. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1915.	4.1	0