

# Ke Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,579  
citations

331670

21  
h-index

302126

39  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2094  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial variation of organic carbon sequestration in large lakes and implications for carbon stock quantification. <i>Catena</i> , 2022, 208, 105768.	5.0	10
2	The Effects of Suaeda salsa/Zea mays L. Intercropping on Plant Growth and Soil Chemical Characteristics in Saline Soil. <i>Agriculture (Switzerland)</i> , 2022, 12, 107.	3.1	6
3	A Re-evaluation of Wetland Carbon Sink Mitigation Concepts and Measurements: A Diagenetic Solution. <i>Wetlands</i> , 2022, 42, 1.	1.5	7
4	Abrupt ecological shifts of lakes during the Anthropocene. <i>Earth-Science Reviews</i> , 2022, 227, 103981.	9.1	33
5	Lake ecosystem regime shifts induced by agricultural intensification: A century scale paleolimnological investigation from the Huai River Basin (China). <i>Quaternary Science Reviews</i> , 2022, 285, 107522.	3.0	4
6	Synergistic impacts of nutrient enrichment and climate change on long-term water quality and ecological dynamics in contrasting shallow lake zones. <i>Limnology and Oceanography</i> , 2021, 66, 3271-3286.	3.1	32
7	Root Morphology and Rhizosphere Characteristics Are Related to Salt Tolerance of Suaeda salsa and Beta vulgaris L.. <i>Frontiers in Plant Science</i> , 2021, 12, 677767.	3.6	11
8	Patterns and trajectories of macrophyte change in East China's shallow lakes over the past one century. <i>Science China Earth Sciences</i> , 2021, 64, 1735-1745.	5.2	14
9	Healthy waterways and ecologically sustainable cities in <sc>Beijing-Tianjin-Hebei</sc> urban agglomeration (northern China): Challenges and future directions. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1500.	6.5	18
10	Paleolimnological evidence of environmental change in Chinese lakes over the past two centuries. <i>Inland Waters</i> , 2020, 10, 1-10.	2.2	10
11	Deciphering centurial anthropogenic pollution processes in large lakes dominated by socio-economic impacts. <i>Anthropocene</i> , 2020, 32, 100269.	3.3	19
12	Discrepancy in the responses of diatom diversity to indirect and direct human activities in lakes of the southeastern Tibetan Plateau, China. <i>Anthropocene</i> , 2020, 30, 100243.	3.3	15
13	Pollen-vegetation/land use relationships in southeastern China: Complexity and applicability for paleoenvironmental reconstruction. <i>Ecological Indicators</i> , 2020, 116, 106523.	6.3	7
14	Not by Salinity Alone: How Environmental Factors Shape Fungal Communities in Saline Soils. <i>Soil Science Society of America Journal</i> , 2019, 83, 1387-1398.	2.2	15
15	Who determines the trade-offs between agricultural production and environmental quality? An evolutionary perspective from rural eastern China. <i>International Journal of Agricultural Sustainability</i> , 2019, 17, 347-366.	3.5	7
16	A draft genome assembly of halophyte Suaeda aralocaspica, a plant that performs C4 photosynthesis within individual cells. <i>GigaScience</i> , 2019, 8, .	6.4	23
17	Integrating long-term dynamics of ecosystem services into restoration and management of large shallow lakes. <i>Science of the Total Environment</i> , 2019, 671, 66-75.	8.0	38
18	Wind-induced hydrodynamic changes impact on sediment resuspension for large, shallow Lake Taihu, China. <i>International Journal of Sediment Research</i> , 2019, 34, 205-215.	3.5	44

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19	Late Holocene lacustrine environmental and ecological changes caused by anthropogenic activities in the Chinese Loess Plateau. <i>Quaternary Science Reviews</i> , 2019, 203, 266-277.	3.0	33
20	A 110-year pollen record of land use and land cover changes in an anthropogenic watershed landscape, eastern China: Understanding past human-environment interactions. <i>Science of the Total Environment</i> , 2019, 650, 2906-2918.	8.0	24
21	Ordered diatom species loss along a total phosphorus gradient in eutrophic lakes of the lower Yangtze River basin, China. <i>Science of the Total Environment</i> , 2019, 650, 1688-1695.	8.0	23
22	Ecological shift and resilience in China's lake systems during the last two centuries. <i>Global and Planetary Change</i> , 2018, 165, 147-159.	3.5	34
23	Soil pH is equally important as salinity in shaping bacterial communities in saline soils under halophytic vegetation. <i>Scientific Reports</i> , 2018, 8, 4550.	3.3	68
24	Freshwater lake ecosystem shift caused by social-economic transitions in Yangtze River Basin over the past century. <i>Scientific Reports</i> , 2018, 8, 17146.	3.3	18
25	Confronting challenges of managing degraded lake ecosystems in the Anthropocene, exemplified from the Yangtze River Basin in China. <i>Anthropocene</i> , 2018, 24, 30-39.	3.3	27
26	Long-term succession of aquatic plants reconstructed from palynological records in a shallow freshwater lake. <i>Science of the Total Environment</i> , 2018, 643, 312-323.	8.0	36
27	Potential Indicator Value of Subfossil Gastropods in Assessing the Ecological Health of the Middle and Lower Reaches of the Yangtze River Floodplain System (China). <i>Geosciences (Switzerland)</i> , 2018, 8, 222.	2.2	2
28	Application of subfossil cladocerans (water fleas) in assessing ecological resilience of shallow Yangtze River floodplain lake systems (China). <i>Science China Earth Sciences</i> , 2018, 61, 1157-1168.	5.2	7
29	Using palaeolimnological data and historical records to assess long-term dynamics of ecosystem services in typical Yangtze shallow lakes (China). <i>Science of the Total Environment</i> , 2017, 584-585, 791-802.	8.0	28
30	The role of tamarisk in the spatial heterogeneity of soil resources in the northern Tarim Basin, Xinjiang, China. <i>Plant and Soil</i> , 2017, 420, 523-538.	3.7	4
31	Isolation of Endophytic Plant Growth-Promoting Bacteria Associated with the Halophyte <i>Salicornia europaea</i> and Evaluation of their Promoting Activity Under Salt Stress. <i>Current Microbiology</i> , 2016, 73, 574-581.	2.2	126
32	High-Throughput Sequencing Analysis of the Endophytic Bacterial Diversity and Dynamics in Roots of the Halophyte <i>Salicornia europaea</i> . <i>Current Microbiology</i> , 2016, 72, 557-562.	2.2	20
33	China's Degraded Environment Enters A New Normal. <i>Trends in Ecology and Evolution</i> , 2016, 31, 175-177.	8.7	33
34	Regime shifts and resilience in China's coastal ecosystems. <i>Ambio</i> , 2016, 45, 89-98.	5.5	18
35	Poverty alleviation strategies in eastern China lead to critical ecological dynamics. <i>Science of the Total Environment</i> , 2015, 506-507, 164-181.	8.0	78
36	Safe and just operating spaces for regional social-ecological systems. <i>Global Environmental Change</i> , 2014, 28, 227-238.	7.8	311

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37	Characteristics of mineral elements in shoots of three annual halophytes in a saline desert, Northern Xinjiang. <i>Journal of Arid Land</i> , 2013, 5, 244-254.	2.3	13
38	Extending the timescale and range of ecosystem services through paleoenvironmental analyses, exemplified in the lower Yangtze basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1111-20.	7.1	163
39	Late Holocene Vegetation and Climate Oscillations in the Qaidam Basin of the Northeastern Tibetan Plateau. <i>Quaternary Research</i> , 2010, 73, 59-69.	1.7	71
40	Vegetation history, climate change and human activities over the last 6200years on the Liupan Mountains in the southwestern Loess Plateau in central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 293, 197-205.	2.3	78
41	A 2700-year high resolution pollen record of climate change from varved Sugan Lake in the Qaidam Basin, northeastern Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 290-298.	2.3	22
42	Late Holocene vegetation dynamic and human activities reconstructed from lake records in western Loess Plateau, China. <i>Quaternary International</i> , 2010, 227, 38-45.	1.5	29