Hong Yang

List of Publications by Year
in descending order

186	7,581	57758 44	66911 78
papers	citations	h-index	g-index
187	187	187	8173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of GPM Day-1 IMERG and TMPA Version-7 legacy products over Mainland China at multiple spatiotemporal scales. Journal of Hydrology, 2016, 533, 152-167.	5.4	425
2	Fecal Contamination of Drinking-Water in Low- and Middle-Income Countries: A Systematic Review and Meta-Analysis. PLoS Medicine, 2014, 11, e1001644.	8.4	401
3	Carbon emissions from land-use change and management in China between 1990 and 2010. Science Advances, 2016, 2, e1601063.	10.3	327
4	Global assessment of exposure to faecal contamination through drinking water based on a systematic review. Tropical Medicine and International Health, 2014, 19, 917-927.	2.3	322
5	Statistical Modeling of Global Geogenic Arsenic Contamination in Groundwater. Environmental Science & Technology, 2008, 42, 3669-3675.	10.0	317
6	Methane and carbon dioxide fluxes from a shallow hypereutrophic subtropical Lake in China. Atmospheric Environment, 2005, 39, 5532-5540.	4.1	155
7	Environmental effects of land-use/cover change caused by urbanization and policies in Southwest China Karst area â€" A case study of Guiyang. Habitat International, 2014, 44, 339-348.	5.8	145
8	Accounting for water quality in monitoring access to safe drinking-water as part of the Millennium Development Goals: lessons from five countries. Bulletin of the World Health Organization, 2012, 90, 228-235.	3.3	141
9	Urban construction and demolition waste and landfill failure in Shenzhen, China. Waste Management, 2017, 63, 393-396.	7.4	138
10	The effect of urbanization on carbon dioxide emissions efficiency in the Yangtze River Delta, China. Journal of Cleaner Production, 2018, 188, 38-48.	9.3	126
11	Water Safety and Inequality in Access to Drinking-water between Rich and Poor Households. Environmental Science & Technology, 2013, 47, 1222-1230.	10.0	106
12	Soil Pollution: Urban Brownfields. Science, 2014, 344, 691-692.	12.6	106
13	Waste management, informal recycling, environmental pollution and public health. Journal of Epidemiology and Community Health, 2018, 72, 237-243.	3.7	104
14	Diversity and dynamics of microcystinâ€"Producing cyanobacteria in China's third largest lake, Lake Taihu. Harmful Algae, 2009, 8, 637-644.	4.8	102
15	A lake data set for the Tibetan Plateau from the 1960s, 2005, and 2014. Scientific Data, 2016, 3, 160039.	5.3	100
16	Multi-sectoral decomposition in decoupling industrial growth from carbon emissions in the developed Jiangsu Province, China. Energy, 2015, 82, 414-425.	8.8	98
17	Effects of topographic factors on runoff and soil loss in Southwest China. Catena, 2018, 160, 394-402.	5.0	93
18	Evaluation of low impact development approach for mitigating flood inundation at a watershed scale in China. Journal of Environmental Management, 2017, 193, 430-438.	7.8	90

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19	Impact of land use type conversion on carbon storage in terrestrial ecosystems of China: A spatial-temporal perspective. Scientific Reports, 2015, 5, 10233.	3.3	88
20	China must continue the momentum of green law. Nature, 2014, 509, 535-535.	27.8	86
21	Convergence of carbon intensity in the Yangtze River Delta, China. Habitat International, 2017, 60, 58-68.	5.8	81
22	Antibiotic Application and Resistance in Swine Production in China: Current Situation and Future Perspectives. Frontiers in Veterinary Science, 2019, 6, 136.	2.2	80
23	Sustaining China's Water Resources. Science, 2013, 339, 141-141.	12.6	77
24	Greenhouse gas metabolism in Nordic boreal lakes. Biogeochemistry, 2015, 126, 211-225.	3.5	77
25	Optimization of industry structure based on water environmental carrying capacity under uncertainty of the Huai River Basin within Shandong Province, China. Journal of Cleaner Production, 2016, 112, 4594-4604.	9.3	77
26	The impact of land urbanization on carbon dioxide emissions in the Yangtze River Delta, China: A multiscale perspective. Cities, 2021, 116, 103275.	5.6	76
27	Effects of land use and cover change (LUCC) on terrestrial carbon stocks in China between 2000 and 2018. Resources, Conservation and Recycling, 2022, 182, 106333.	10.8	71
28	Flood mitigation performance of low impact development technologies under different storms for retrofitting an urbanized area. Journal of Cleaner Production, 2019, 222, 373-380.	9.3	70
29	Pollution in the Yangtze. Science, 2012, 337, 410-410.	12.6	69
30	Empirical models for estimating monthly global solar radiation: A most comprehensive review and comparative case study in China. Renewable and Sustainable Energy Reviews, 2019, 108, 91-111.	16.4	69
31	Flood Mitigation by Permeable Pavements in Chinese Sponge City Construction. Water (Switzerland), 2018, 10, 172.	2.7	67
32	Spatial-Temporal Variation of Drought in China from 1982 to 2010 Based on a modified Temperature Vegetation Drought Index (mTVDI). Scientific Reports, 2017, 7, 17473.	3.3	62
33	Snow Cover and Vegetation€Induced Decrease in Global Albedo From 2002 to 2016. Journal of Geophysical Research D: Atmospheres, 2018, 123, 124-138.	3.3	62
34	Enforcement key to China's environment. Science, 2015, 347, 834-835.	12.6	56
35	Early-Holocene monsoon instability and climatic optimum recorded by Chinese stalagmites. Holocene, 2019, 29, 1059-1067.	1.7	56
36	Ebullition was a major pathway of methane emissions from the aquaculture ponds in southeast China. Water Research, 2020, 184, 116176.	11.3	56

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37	Carbon source/sink function of a subtropical, eutrophic lake determined from an overall mass balance and a gas exchange and carbon burial balance. Environmental Pollution, 2008, 151, 559-568.	7.5	54
38	China's new leaders offer green hope. Nature, 2013, 493, 163-163.	27.8	54
39	Impacts of Climate Change on Tibetan Lakes: Patterns and Processes. Remote Sensing, 2018, 10, 358.	4.0	54
40	The impact of onshore wind power projects on ecological corridors and landscape connectivity in Shanxi, China. Journal of Cleaner Production, 2020, 254, 120075.	9.3	54
41	Situation and determinants of household carbon emissions in Northwest China. Habitat International, 2016, 51, 178-187.	5.8	53
42	Protect coastal wetlands in China to save endangered migratory birds. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5491-E5492.	7.1	53
43	Modeling the Spatiotemporal Dynamics of Gross Domestic Product in China Using Extended Temporal Coverage Nighttime Light Data. Remote Sensing, 2017, 9, 626.	4.0	51
44	Underestimation of CH_4 Emission from Freshwater Lakes in China. Environmental Science & Technology, 2011, 45, 4203-4204.	10.0	49
45	The influence of local officials' promotion incentives on carbon emission in Yangtze River Delta, China. Journal of Cleaner Production, 2019, 213, 1337-1345.	9.3	48
46	Variation in stable isotope signatures of seston and a zooplanktivorous fish in a eutrophic Chinese lake. Hydrobiologia, 2005, 541, 215-220.	2.0	45
47	Global Land Surface Temperature Influenced by Vegetation Cover and PM2.5 from 2001 to 2016. Remote Sensing, 2018, 10, 2034.	4.0	45
48	WTO must ban harmful fisheries subsidies. Science, 2021, 374, 544-544.	12.6	45
49	Shale-Gas Plans Threaten China's Water Resources. Science, 2013, 340, 1288-1288.	12.6	44
50	Quantification of dissolved organic carbon (DOC) storage in lakes and reservoirs of mainland China. Journal of Environmental Management, 2018, 217, 391-402.	7.8	44
51	Effects of dual land ownerships and different land lease terms on industrial land use efficiency in Wuxi City, East China. Habitat International, 2018, 78, 21-28.	5.8	44
52	COVID-19 lockdown improved river water quality in China. Science of the Total Environment, 2022, 802, 149585.	8.0	44
53	Satellite evidence for China's leading role in restoring vegetation productivity over global karst ecosystems. Forest Ecology and Management, 2022, 507, 120000.	3.2	44
54	A spatial analysis of pit latrine density and groundwater source contamination. Environmental Monitoring and Assessment, 2013, 185, 4261-4272.	2.7	42

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55	Design of low impact development in the urban context considering hydrological performance and life‐cycle cost. Journal of Flood Risk Management, 2020, 13, e12625.	3.3	42
56	A Critical Review of Methods for Analyzing Freshwater Eutrophication. Water (Switzerland), 2021, 13, 225.	2.7	42
57	Vehicle emission and atmospheric pollution in China: problems, progress, and prospects. PeerJ, 2019, 7, e6932.	2.0	42
58	The change of gaseous carbon fluxes following the switch of dominant producers from macrophytes to algae in a shallow subtropical lake of China. Atmospheric Environment, 2006, 40, 8034-8043.	4.1	41
59	Dissolved carbon in a large variety of lakes across five limnetic regions in China. Journal of Hydrology, 2018, 563, 143-154.	5.4	41
60	Application of Bayesian network including Microcystis morphospecies for microcystin risk assessment in three cyanobacterial bloom-plagued lakes, China. Harmful Algae, 2019, 83, 14-24.	4.8	41
61	Observations of water transparency in China's lakes from space. International Journal of Applied Earth Observation and Geoinformation, 2020, 92, 102187.	2.8	41
62	China's soil plan needs strong support. Nature, 2016, 536, 375-375.	27.8	38
63	Optimization of ecological security patterns considering both natural and social disturbances in China's largest urban agglomeration. Ecological Engineering, 2022, 180, 106647.	3.6	38
64	Land Use Change and Climate Variation in the Three Gorges Reservoir Catchment from 2000 to 2015 Based on the Google Earth Engine. Sensors, 2019, 19, 2118.	3.8	36
65	EFFECTS OF LIGHT AND SUBSTRATE ON THE BENTHIC DIATOMS IN AN OLIGOTROPHIC LAKE: A COMPARISON BETWEEN NATURAL AND ARTIFICIAL SUBSTRATES[1]. Journal of Phycology, 2012, 48, 1166-1177.	2.3	35
66	Recovery of UK lakes from acidification: An assessment using combined palaeoecological and contemporary diatom assemblage data. Ecological Indicators, 2014, 37, 365-380.	6.3	35
67	Towards threshold-based management of freshwater ecosystems in the context of climate change. Ecological Modelling, 2015, 318, 265-274.	2.5	35
68	Effects of water level regulation in alpine hydropower reservoirs: an ecosystem perspective with a special emphasis on fish. Hydrobiologia, 2017, 794, 287-301.	2.0	35
69	Lake Area Changes and Their Influence on Factors in Arid and Semi-Arid Regions along the Silk Road. Remote Sensing, 2018, 10, 595.	4.0	35
70	The positive impacts of landscape fragmentation on the diversification of agricultural production in Zhejiang Province, China. Journal of Cleaner Production, 2020, 251, 119722.	9.3	35
71	An integrated analysis of urbanization-triggered cropland loss trajectory and implications for sustainable land management. Cities, 2011, 28, 127-137.	5.6	34
72	Large Fine‐Scale Spatiotemporal Variations of CH_4 Diffusive Fluxes From Shrimp Aquaculture Ponds Affected by Organic Matter Supply and Aeration in Southeast China. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 1290-1307.	3.0	33

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73	The Use of Constructed Wetland for Mitigating Nitrogen and Phosphorus from Agricultural Runoff: A Review. Water (Switzerland), 2021, 13, 476.	2.7	33
74	The crushing weight of urban waste. Science, 2016, 351, 674-674.	12.6	31
75	Spatio-temporal variation and the driving forces of tea production in China over the last 30 years. Journal of Chinese Geography, 2018, 28, 275-290.	3.9	30
76	Vertical migration from surface soils to groundwater and source appointment of polycyclic aromatic hydrocarbons in epikarst spring systems, southwest China. Chemosphere, 2019, 230, 616-627.	8.2	30
77	Exploring the relationship between urbanization and water environment based on coupling analysis in Nanjing, East China. Environmental Science and Pollution Research, 2022, 29, 4654-4667.	5.3	29
78	The influence of hydraulic characteristics on algal bloom in three gorges reservoir, China: A combination of cultural experiments and field monitoring. Water Research, 2022, 211, 118030.	11.3	29
79	Public perception of drinking water safety in South Africa 2002–2009: a repeated cross-sectional study. BMC Public Health, 2012, 12, 556.	2.9	28
80	Spatiotemporal Analysis of Water Quality Using Multivariate Statistical Techniques and the Water Quality Identification Index for the Qinhuai River Basin, East China. Water (Switzerland), 2020, 12, 2764.	2.7	27
81	Estimation of monthly pan evaporation using support vector machine in Three Gorges Reservoir Area, China. Theoretical and Applied Climatology, 2019, 138, 1095-1107.	2.8	26
82	Large Spatial Variations in Diffusive CH_4 Fluxes from a Subtropical Coastal Reservoir Affected by Sewage Discharge in Southeast China. Environmental Science & Technology, 2020, 54, 14192-14203.	10.0	26
83	Reverse the hidden loss of China's wetlands. Science, 2022, 376, 1061-1061.	12.6	26
84	Boost water safety in rural China. Nature, 2012, 484, 318-318.	27.8	25
85	Water Requirements for Shale Gas Fracking in Fuling, Chongqing, Southwest China. Energy Procedia, 2015, 76, 106-112.	1.8	25
86	Simultaneous adsorption of ammonia and phosphate using ferric sulfate modified carbon/zeolite composite from coal gasification slag. Journal of Environmental Management, 2022, 305, 114404.	7.8	24
87	Diel Variation of Methane Fluxes in Summer in a Eutrophic Subtropical Lake in China. Journal of Freshwater Ecology, 2004, 19, 639-644.	1.2	23
88	Fighting covid-19 outbreaks in prisons. BMJ, The, 2020, 369, m1362.	6.0	23
89	Rural factories won't fix Chinese pollution. Nature, 2012, 490, 342-343.	27.8	22
90	Responses of Seasonal Indicators to Extreme Droughts in Southwest China. Remote Sensing, 2020, 12, 818.	4.0	22

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91	Use statistical machine learning to detect nutrient thresholds in Microcystis blooms and microcystin management. Harmful Algae, 2020, 94, 101807.	4.8	22
92	Lake ecosystem health assessment using a novel hybrid decision-making framework in the Nam Co, Qinghai-Tibet Plateau. Science of the Total Environment, 2022, 808, 152087.	8.0	22
93	Biochar: Pros must outweigh cons. Nature, 2015, 518, 483-483.	27.8	21
94	Ghost City Extraction and Rate Estimation in China Based on NPP-VIIRS Night-Time Light Data. ISPRS International Journal of Geo-Information, 2018, 7, 219.	2.9	21
95	Supplement of the radiance-based method to validate satellite-derived land surface temperature products over heterogeneous land surfaces. Remote Sensing of Environment, 2019, 230, 111188.	11.0	21
96	Large contribution of non-aquaculture period fluxes to the annual N2O emissions from aquaculture ponds in Southeast China. Journal of Hydrology, 2020, 582, 124550.	5.4	21
97	Annual CO2 and CH4 fluxes in coastal earthen ponds with Litopenaeus vannamei in southeastern China. Aquaculture, 2021, 545, 737229.	3.5	21
98	Methane Dynamics of Aquaculture Shrimp Ponds in Two Subtropical Estuaries, Southeast China: Dissolved Concentration, Net Sediment Release, and Water Oxidation. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 1430-1445.	3.0	20
99	Remotely Sensed Mid-Channel Bar Dynamics in Downstream of the Three Gorges Dam, China. Remote Sensing, 2020, 12, 409.	4.0	20
100	The H_2S test versus standard indicator bacteria tests for faecal contamination of water: systematic review and meta‐analysis. Tropical Medicine and International Health, 2012, 17, 94-105.	2.3	19
101	Identification of Polycentric Cities in China Based on NPP-VIIRS Nighttime Light Data. Remote Sensing, 2020, 12, 3248.	4.0	19
102	Embodied carbon emissions of foreign trade under the global financial crisis: A case study of Jiangsu province, China. Journal of Renewable and Sustainable Energy, 2015, 7, .	2.0	18
103	CO_2 emissions from karst cascade hydropower reservoirs: mechanisms and reservoir effect. Environmental Research Letters, 2021, 16, 044013.	5.2	18
104	Sedimentation rates, nitrogen and phosphorus retentions in the largest urban Lake Donghu, China. Journal of Radioanalytical and Nuclear Chemistry, 2005, 267, 205-208.	1.5	16
105	Spatiotemporal variations of internal P-loading and the related mechanisms in the large shallow Lake Chaohu. Science in China Series D: Earth Sciences, 2006, 49, 72-81.	0.9	16
106	Olympics will make water scarcity worse. Nature, 2015, 525, 455-455.	27.8	16
107	Characteristics and ecological risk assessment of polycyclic aromatic hydrocarbons in soil seepage water in karst terrains, southwest China. Ecotoxicology and Environmental Safety, 2020, 190, 110122.	6.0	16
108	Do international surveys and censuses exhibit 'Dry Season' bias?. Population, Space and Place, 2012, 18, 116-126.	2.3	15

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109	Shale gas is a fraught solution to emissions. Nature, 2014, 513, 315-315.	27.8	15
110	Can annual land use plan control and regulate construction land growth in China?. Land Use Policy, 2020, 99, 105026.	5.6	15
111	Household Water Treatment in China. American Journal of Tropical Medicine and Hygiene, 2012, 86, 554-555.	1.4	14
112	Transport expansion threatens the Arctic. Science, 2018, 359, 646-647.	12.6	14
113	Production and uptake of dissolved carbon, nitrogen, and phosphorus in overlying water of aquaculture shrimp ponds in subtropical estuaries, China. Environmental Science and Pollution Research, 2019, 26, 21565-21578.	5.3	14
114	Development of Ag/MnCeOx catalysts synthesized with ethanol or water for HCHO decomposition at ambient temperature. Materials Chemistry and Physics, 2020, 241, 122372.	4.0	14
115	Large increase in diffusive greenhouse gas fluxes from subtropical shallow aquaculture ponds during the passage of typhoons. Journal of Hydrology, 2020, 583, 124643.	5.4	14
116	The spatiotemporal pattern and influencing factors of land surface temperature change in China from 2003 to 2019. International Journal of Applied Earth Observation and Geoinformation, 2021, 104, 102537.	2.8	14
117	Temporal prediction of algal parameters in Three Gorges Reservoir based on highly time-resolved monitoring and long short-term memory network. Journal of Hydrology, 2022, 605, 127304.	5.4	14
118	Sediment sources and the flood record from Wanghu lake, in the middle reaches of the Yangtze River. Journal of Hydrology, 2006, 329, 568-576.	5.4	13
119	Potentially massive greenhouse-gas sources in proposed tropical dams. Frontiers in Ecology and the Environment, 2012, 10, 234-235.	4.0	13
120	Shale gas: Pollution fears in China. Nature, 2013, 499, 154-154.	27.8	13
121	Plot-scale spatiotemporal variations of CO2 concentration and flux across water–air interfaces at aquaculture shrimp ponds in a subtropical estuary. Environmental Science and Pollution Research, 2019, 26, 5623-5637.	5.3	13
122	Water scarcity will constrain the formation of a world-class megalopolis in North China. Npj Urban Sustainability, 2021, 1, .	8.0	13
123	Large variations in indirect N2O emission factors (EF5) from coastal aquaculture systems in China from plot to regional scales. Water Research, 2021, 200, 117208.	11.3	13
124	Climate change and ecological engineering jointly induced vegetation greening in global karst regions from 2001 to 2020. Plant and Soil, 2022, 475, 193-212.	3.7	13
125	Tackle pollution from solar panels. Nature, 2014, 509, 563-563.	27.8	12
126	Spatio-Temporal Variations of Health Costs Caused by Chemical Fertilizer Utilization in China from 1990 to 2012. Sustainability, 2017, 9, 1505.	3.2	12

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127	The uncertainty analysis of the MODIS GPP product in global maize croplands. Frontiers of Earth Science, 2018, 12, 739-749.	2.1	12
128	Carbon dioxide dynamics from sediment, sediment-water interface and overlying water in the aquaculture shrimp ponds in subtropical estuaries, southeast China. Journal of Environmental Management, 2019, 236, 224-235.	7.8	12
129	Spatial variations in CO2 fluxes in a subtropical coastal reservoir of Southeast China were related to urbanization and land-use types. Journal of Environmental Sciences, 2021, 109, 206-218.	6.1	12
130	Insights into the farming-season carbon budget of coastal earthen aquaculture ponds in southeastern China. Agriculture, Ecosystems and Environment, 2022, 335, 107995.	5.3	12
131	Chinese landfill collapse: urban waste and human health. The Lancet Global Health, 2016, 4, e452.	6.3	11
132	More Extreme Precipitation in Chinese Deserts From 1960 to 2018. Earth and Space Science, 2019, 6, 1196-1204.	2.6	11
133	Genome-Wide Identification and Comparative Expression Profile Analysis of the Long-Chain Acyl-CoA synthetase (LACS) Gene Family in Two Different Oil Content Cultivars of Brassica napus. Biochemical Genetics, 2019, 57, 781-800.	1.7	11
134	Tracing the sources of air pollutant emissions embodied in exports in the Yangtze River Delta, China: A four-level perspective. Journal of Cleaner Production, 2020, 254, 120155.	9.3	11
135	Effects of Plastic Debris on the Biofilm Bacterial Communities in Lake Water. Water (Switzerland), 2021, 13, 1465.	2.7	11
136	Changes in sediment methanogenic archaea community structure and methane production potential following conversion of coastal marsh to aquaculture ponds. Environmental Pollution, 2022, 305, 119276.	7.5	11
137	Save horseshoe crabs and coastal ecosystems. Science, 2019, 366, 813-814.	12.6	10
138	Nitrogen Loss in Vegetable Field under the Simulated Rainfall Experiments in Hebei, China. Water (Switzerland), 2021, 13, 552.	2.7	10
139	Assessing inconsistency in global land cover products and synthesis of studies on land use and land cover dynamics during 2001 to 2017 in the southeastern region of Bangladesh. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	10
140	Patterns and driving factors of leaf C, N, and P stoichiometry in two forest types with different stand ages in a mid-subtropical zone. Forest Ecosystems, 2022, 9, 100005.	3.1	10
141	Improve access to sanitation in China. Nature, 2012, 488, 32-32.	27.8	9
142	Accuracy of the H2S test: a systematic review of the influence of bacterial density and sample volume. Journal of Water and Health, 2013, 11, 173-185.	2.6	9
143	Spatial Variations of N_2O Fluxes Across the Water–Air Interface of Mariculture Ponds in a Subtropical Estuary in Southeast China. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005605.	3.0	9
144	Coagulant Plus Bacillus nitratireducens Fermentation Broth Technique Provides a Rapid Algicidal Effect of Toxic Red Tide Dinoflagellate. Journal of Marine Science and Engineering, 2021, 9, 395.	2.6	9

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145	Coastal reservoirs as a source of nitrous oxide: Spatio-temporal patterns and assessment strategy. Science of the Total Environment, 2021, 790, 147878.	8.0	9
146	Quantifying the variability in water use efficiency from the canopy to ecosystem scale across main croplands. Agricultural Water Management, 2022, 262, 107427.	5.6	9
147	Determining nitrate sources in storm runoff in complex urban environments based on nitrogen and oxygen isotopes. Science of the Total Environment, 2022, 838, 155680.	8.0	9
148	A portable hand-operated sampler for shallow-water surface sediments with special reference to epipelic communities. Journal of Paleolimnology, 2009, 42, 317-324.	1.6	8
149	Reform China's fisheries subsidies. Science, 2017, 356, 1343-1343.	12.6	8
150	Spatiotemporal Variation in Relative Humidity in Guangdong, China, from 1959 to 2017. Water (Switzerland), 2020, 12, 3576.	2.7	8
151	Spatial Variation in Aragonite Saturation State and the Influencing Factors in Jiaozhou Bay, China. Water (Switzerland), 2020, 12, 825.	2.7	8
152	An improved coverslip method for investigating epipelic diatoms. European Journal of Phycology, 2010, 45, 191-199.	2.0	7
153	A Bi-Band Binary Mask Based Land-Use Change Detection Using Landsat 8 OLI Imagery. Sustainability, 2017, 9, 479.	3.2	7
154	Arctic at risk from vast Belt and Road development. Nature, 2019, 570, 446-446.	27.8	7
155	Diffusive CH4 fluxes from aquaculture ponds using floating chambers and thin boundary layer equations. Atmospheric Environment, 2021, 253, 118384.	4.1	7
156	Seasonal flooding wetland expansion would strongly affect soil and sediment organic carbon storage and carbon-nutrient stoichiometry. Science of the Total Environment, 2022, 828, 154427.	8.0	7
157	Spatiotemporal Variation in Precipitation during Rainy Season in Beibu Gulf, South China, from 1961 to 2016. Water (Switzerland), 2020, 12, 1170.	2.7	6
158	Improved Activity and Stability of Chlorobenzene Oxidation Over Transition Metal-Substituted Spinel-Type Catalysts Supported on Cordierite. Catalysis Letters, 2021, 151, 2313.	2.6	6
159	Identification of Nitrate Sources in Rivers in a Complex Catchment Using a Dual Isotopic Approach. Water (Switzerland), 2021, 13, 83.	2.7	6
160	Leaf Structural Traits Vary With Plant Size in Even-Aged Stands of Sapindus mukorossi. Frontiers in Plant Science, 2021, 12, 692484.	3.6	6
161	The spatiotemporal variations in microalgae communities in vertical waters of a subtropical reservoir. Journal of Environmental Management, 2022, 317, 115379.	7.8	6
162	Attenuation of Photosynthetically Available Radiation by Chlorophyll, Chromophoric Dissolved Organic Matter, and Tripton in Lake Donghu, China. Journal of Freshwater Ecology, 2005, 20, 575-581.	1.2	5

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163	Nuclear energy: Improve collaboration. Science, 2016, 353, 1107-1107.	12.6	5
164	Locals embrace China nuclear project. Nature, 2017, 542, 414-414.	27.8	5
165	Heterogeneous sea-level rises along coastal zones and small islands. Science Bulletin, 2019, 64, 748-755.	9.0	5
166	Drought Trend Analysis Based on the Standardized Precipitation–Evapotranspiration Index Using NASA's Earth Exchange Global Daily Downscaled Projections, High Spatial Resolution Coupled Model Intercomparison Project Phase 5 Projections, and Assessment of Potential Impacts on China's Crop Yield in the 21st Century. Water (Switzerland), 2019, 11, 2455.	2.7	5
167	Differences of Characteristics and Performance with Bi3+ and Bi2O3 Doping Over TiO2 for Photocatalytic Oxidation Under Visible Light. Catalysis Letters, 2020, 150, 1098-1110.	2.6	5
168	The spatiotemporal variation and control mechanism of surface pCO2 in winter in Jiaozhou Bay, China. Continental Shelf Research, 2020, 206, 104208.	1.8	5
169	Protect the giant ibis through the pandemic. Science, 2020, 369, 929-929.	12.6	5
170	Protect and regulate China's oyster resources. Science, 2021, 371, 790-790.	12.6	5
171	Seasonal variation of sea surface pH and its controls in the Jiaozhou Bay, China. Continental Shelf Research, 2022, 232, 104613.	1.8	5
172	Earthshaking energy development plans. Science, 2014, 346, 710-711.	12.6	4
173	Preserve Precambrian fossil heritage from mining. Nature Ecology and Evolution, 2017, 1, 1048-1049.	7.8	4
174	Adsorption-Release Characteristics of Phosphorus and the Community of Phosphorus Accumulating Organisms of Sediments in a Shallow Lake. Sustainability, 2021, 13, 11501.	3.2	4
175	Brexit threatens China collaboration. Nature, 2016, 537, 167-167.	27.8	3
176	Internationalize hazard management of China's chemical plants. Nature, 2019, 569, 192-192.	27.8	3
177	Coupling meteorological variables with Moderate Resolution Imaging Spectroradiometer atmospheric products for estimating global solar radiation. Energy Conversion and Management, 2020, 205, 112383.	9.2	3
178	Eradicate illicit production of ozone-depleting emissions. Nature, 2018, 560, 167-167.	27.8	3
179	Bird-friendly buildings for China's cities. Science, 2021, 374, 268-268.	12.6	2
180	Measurements of the Characteristics of Transparent Material Using Digital Holography. Advances in Materials Science and Engineering, 2013, 2013, 1-7.	1.8	1

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181	Improve oversight of fracking in China. Nature, 2015, 522, 34-34.	27.8	1
182	Application of MnCeO supported on palygorskite and Al(OH)3 for HCHO oxidation: Catalytic performance and stability. Journal of Rare Earths, 2022, 40, 1860-1869.	4.8	1
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