

# Ke Zhang

## List of Publications by Year in descending order

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164  
papers

10,466  
citations

47006

47  
h-index

38395

95  
g-index

181  
all docs

181  
docs citations

181  
times ranked

12537  
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	Using Fourier ptychography microscopy to achieve high-resolution chromosome imaging: an initial evaluation. <i>Journal of Biomedical Optics</i> , 2022, 27, .	2.6	7
3	A Novel Way of Measuring the Gas Disk Mass of Protoplanetary Disks Using $N_2$ and $C^{18}O$ . <i>Astrophysical Journal Letters</i> , 2022, 926, L2.	8.3	12
4	Effect of MHD Wind-driven Disk Evolution on the Observed Sizes of Protoplanetary Disks. <i>Astrophysical Journal</i> , 2022, 926, 61.	4.5	12
5	Improving the resolution of chromosome imaging by high numerical aperture Fourier ptychography microscopy. , 2022, , .		2
6	A Re-evaluation of Wetland Carbon Sink Mitigation Concepts and Measurements: A Diagenetic Solution. <i>Wetlands</i> , 2022, 42, 1.	1.5	7
7	New Constraints on Protoplanetary Disk Gas Masses in Lupus. <i>Astrophysical Journal</i> , 2022, 927, 229.	4.5	12
8	Abrupt ecological shifts of lakes during the Anthropocene. <i>Earth-Science Reviews</i> , 2022, 227, 103981.	9.1	33
9	16S rRNA Gene Sequencing Revealed Changes in Gut Microbiota Composition during Pregnancy and Lactation in Mice Model. <i>Veterinary Sciences</i> , 2022, 9, 169.	1.7	3
10	Recent advances and clinical applications of deep learning in medical image analysis. <i>Medical Image Analysis</i> , 2022, 79, 102444.	11.6	215
11	Gut microbiota-derived metabolites contribute negatively to hindgut barrier function development at the early weaning goat model. <i>Animal Nutrition</i> , 2022, 10, 111-123.	5.1	9
12	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
13	Assimilation of surface soil moisture jointly retrieved by multiple microwave satellites into the WRF-Hydro model in ungauged regions: Towards a robust flood simulation and forecasting. <i>Environmental Modelling and Software</i> , 2022, 154, 105421.	4.5	2
14	Transformers Improve Breast Cancer Diagnosis from Unregistered Multi-View Mammograms. <i>Diagnostics</i> , 2022, 12, 1549.	2.6	15
15	Machine Learning at the Edge: A Data-Driven Architecture With Applications to 5G Cellular Networks. <i>IEEE Transactions on Mobile Computing</i> , 2021, 20, 3367-3382.	5.8	48
16	Improving flood simulation capability of the WRF-Hydro-RAPID model using a multi-source precipitation merging method. <i>Journal of Hydrology</i> , 2021, 592, 125814.	5.4	30
17	Taxonomic and functional adaption of the gastrointestinal microbiome of goats kept at high altitude (4800m) under intensive or extensive rearing conditions. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	12
18	The TW Hya Rosetta Stone Project. III. Resolving the Gaseous Thermal Profile of the Disk. <i>Astrophysical Journal</i> , 2021, 908, 8.	4.5	35

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19	Nsp1 protein of SARS-CoV-2 disrupts the mRNA export machinery to inhibit host gene expression. <i>Science Advances</i> , 2021, 7, .	10.3	154
20	Observing Carbon and Oxygen Carriers in Protoplanetary Disks at Mid-infrared Wavelengths. <i>Astrophysical Journal</i> , 2021, 909, 55.	4.5	19
21	Destruction of Refractory Carbon Grains Drives the Final Stage of Protoplanetary Disk Chemistry. <i>Astrophysical Journal</i> , 2021, 910, 3.	4.5	15
22	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
23	Pre-industrial cyanobacterial dominance in Lake Moon (NE China) revealed by sedimentary ancient DNA. <i>Quaternary Science Reviews</i> , 2021, 261, 106966.	3.0	6
24	A new canopy chlorophyll index-based paddy rice critical nitrogen dilution curve in eastern China. <i>Field Crops Research</i> , 2021, 266, 108139.	5.1	9
25	A Comprehensive Evaluation of Five Evapotranspiration Datasets Based on Ground and GRACE Satellite Observations: Implications for Improvement of Evapotranspiration Retrieval Algorithm. <i>Remote Sensing</i> , 2021, 13, 2414.	4.0	54
26	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
27	Spatiotemporal characteristics and attribution of dry/wet conditions in the Weihe River Basin within a typical monsoon transition zone of East Asia over the recent 547 years. <i>Environmental Modelling and Software</i> , 2021, 143, 105116.	4.5	58
28	A novel 3D video oculography system for measuring cross-axis vestibulo-ocular reflex. <i>Medical Engineering and Physics</i> , 2021, 96, 41-45.	1.7	0
29	Exploring the utility of radar and satellite-sensed precipitation and their dynamic bias correction for integrated prediction of flood and landslide hazards. <i>Journal of Hydrology</i> , 2021, 603, 126964.	5.4	66
30	Healthy waterways and ecologically sustainable cities in Beijing-Tianjin-Hebei urban agglomeration (northern China): Challenges and future directions. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1500.	6.5	18
31	Molecules with ALMA at Planet-forming Scales (MAPS). VII. Substellar O/H and C/H and Superstellar C/O in Planet-feeding Gas. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 7.	7.7	40
32	Molecules with ALMA at Planet-forming Scales (MAPS). XVII. Determining the 2D Thermal Structure of the HD 163296 Disk. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 17.	7.7	19
33	Molecules with ALMA at Planet-forming Scales (MAPS). V. CO Gas Distributions. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 5.	7.7	87
34	Molecules with ALMA at Planet-forming Scales (MAPS). VIII. CO Gap in AS 209's Gas Depletion or Chemical Processing?. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 8.	7.7	22
35	Molecules with ALMA at Planet-forming Scales (MAPS). XIII. HCO <sup>+</sup> and Disk Ionization Structure. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 13.	7.7	24
36	Molecules with ALMA at Planet-forming Scales (MAPS). XIV. Revealing Disk Substructures in Multiwavelength Continuum Emission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 14.	7.7	56

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37	Molecules with ALMA at Planet-forming Scales. XX. The Massive Disk around GM Aurigae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 20.	7.7	26
38	Paleolimnological evidence of environmental change in Chinese lakes over the past two centuries. <i>Inland Waters</i> , 2020, 10, 1-10.	2.2	10
39	Cumulative ecohydrological response to hydrological processes in arid basins. <i>Ecological Indicators</i> , 2020, 111, 106005.	6.3	16
40	Deciphering centurial anthropogenic pollution processes in large lakes dominated by socio-economic impacts. <i>Anthropocene</i> , 2020, 32, 100269.	3.3	19
41	A hybrid runoff generation modelling framework based on spatial combination of three runoff generation schemes for semi-humid and semi-arid watersheds. <i>Journal of Hydrology</i> , 2020, 590, 125440.	5.4	120
42	SARS-CoV-2 Orf6 hijacks Nup98 to block STAT nuclear import and antagonize interferon signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28344-28354.	7.1	421
43	A New Runoff Routing Scheme for Xinjiang Model and Its Routing Parameters Estimation Based on Geographical Information. <i>Water (Switzerland)</i> , 2020, 12, 3429.	2.7	4
44	Evaluation of Flood Prediction Capability of the WRF-Hydro Model Based on Multiple Forcing Scenarios. <i>Water (Switzerland)</i> , 2020, 12, 874.	2.7	16
45	Increased control of vegetation on global terrestrial energy fluxes. <i>Nature Climate Change</i> , 2020, 10, 356-362.	18.8	152
46	Hints of a Population of Solar System Analog Planets from ALMA. <i>Astrophysical Journal Letters</i> , 2020, 895, L46.	8.3	10
47	Diversity and Composition of Rumen Bacteria, Fungi, and Protozoa in Goats and Sheep Living in the Same High-Altitude Pasture. <i>Animals</i> , 2020, 10, 186.	2.3	38
48	GA-PIC: An improved Green-Ampt rainfall-runoff model with a physically based infiltration distribution curve for semi-arid basins. <i>Journal of Hydrology</i> , 2020, 586, 124900.	5.4	30
49	Chemical intervention of influenza virus mRNA nuclear export. <i>PLoS Pathogens</i> , 2020, 16, e1008407.	4.7	11
50	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
51	Pollen-vegetation/land use relationships in southeastern China: Complexity and applicability for paleoenvironmental reconstruction. <i>Ecological Indicators</i> , 2020, 116, 106523.	6.3	7
52	Long-term wind induced internal response mechanisms at Meiliang Bay of large, shallow Lake Taihu. <i>Annales De Limnologie</i> , 2020, 56, 1.	0.6	5
53	Unsupervised Detection of Sub-Events in Large Scale Disasters. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 354-361.	4.9	16
54	Analysis and Projection of Land-Use/Land-Cover Dynamics through Scenario-Based Simulations Using the CA-Markov Model: A Case Study in Guanting Reservoir Basin, China. <i>Sustainability</i> , 2020, 12, 3747.	3.2	32

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55	CO Depletion in Protoplanetary Disks: A Unified Picture Combining Physical Sequestration and Chemical Processing. <i>Astrophysical Journal</i> , 2020, 899, 134.	4.5	87
56	Chemical Evolution in a Protoplanetary Disk within Planet Carved Gaps and Dust Rings. <i>Astrophysical Journal</i> , 2020, 905, 68.	4.5	21
57	Excess C/H in Protoplanetary Disk Gas from Icy Pebble Drift Across the CO Snowline. <i>Astrophysical Journal Letters</i> , 2020, 891, L16.	8.3	32
58	Rapid Evolution of Volatile CO from the Protostellar Disk Stage to the Protoplanetary Disk Stage. <i>Astrophysical Journal Letters</i> , 2020, 891, L17.	8.3	43
59	Structural basis for influenza virus NS1 protein block of mRNA nuclear export. <i>Nature Microbiology</i> , 2019, 4, 1671-1679.	13.3	38
60	Sensitivity of hydrological models to temporal and spatial resolutions of rainfall data. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 2647-2663.	4.9	66
61	The biophysics, ecology, and biogeochemistry of functionally diverse, vertically and horizontally heterogeneous ecosystems: the Ecosystem Demography model, version 2.2 – Part 1: Model description. <i>Geoscientific Model Development</i> , 2019, 12, 4309-4346.	3.6	62
62	The Sensitivity of North American Terrestrial Carbon Fluxes to Spatial and Temporal Variation in Soil Moisture: An Analysis Using Radar-Derived Estimates of Root-Zone Soil Moisture. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3208-3231.	3.0	111
63	Systematic Variations of CO Gas Abundance with Radius in Gas-rich Protoplanetary Disks. <i>Astrophysical Journal</i> , 2019, 883, 98.	4.5	70
64	The biophysics, ecology, and biogeochemistry of functionally diverse, vertically and horizontally heterogeneous ecosystems: the Ecosystem Demography model, version 2.2 – Part 2: Model evaluation for tropical South America. <i>Geoscientific Model Development</i> , 2019, 12, 4347-4374.	3.6	29
65	Probing the Gas Content of Late-stage Protoplanetary Disks with $N_2H^+$ . <i>Astrophysical Journal</i> , 2019, 881, 127.	4.5	20
66	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
67	Unlocking CO Depletion in Protoplanetary Disks. II. Primordial C/H Predictions inside the CO Snowline. <i>Astrophysical Journal</i> , 2019, 877, 131.	4.5	27
68	Evaluation of flood prediction capability of the distributed Grid-Xinjiang model driven by weather research and forecasting precipitation. <i>Journal of Flood Risk Management</i> , 2019, 12, .	3.3	24
69	Ground observation-based analysis of soil moisture spatiotemporal variability across a humid to semi-humid transitional zone in China. <i>Journal of Hydrology</i> , 2019, 574, 903-914.	5.4	104
70	Applicability assessment of the CASCADE Two Dimensional SEDiment (CASC2D-SED) distributed hydrological model for flood forecasting across four typical medium and small watersheds in China. <i>Journal of Flood Risk Management</i> , 2019, 12, .	3.3	32
71	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
72	A High-resolution Mid-infrared Survey of Water Emission from Protoplanetary Disks. <i>Astrophysical Journal</i> , 2019, 874, 24.	4.5	22

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73	Characteristics and influencing factors of rainfall-induced landslide and debris flow hazards in Shaanxi Province, China. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 93-105.	3.6	119
74	Flood hazard mapping and assessment in data-scarce Nyaungdon area, Myanmar. <i>PLoS ONE</i> , 2019, 14, e0224558.	2.5	44
75	Maturation of the Goat Rumen Microbiota Involves Three Stages of Microbial Colonization. <i>Animals</i> , 2019, 9, 1028.	2.3	29
76	Projections of Future Climate Change in Singapore Based on a Multi-Site Multivariate Downscaling Approach. <i>Water (Switzerland)</i> , 2019, 11, 2300.	2.7	15
77	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
78	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
79	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
80	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
81	Effects of Promotions on Location-Based Social Media: Evidence from Foursquare. <i>International Journal of Electronic Commerce</i> , 2018, 22, 36-65.	3.0	10
82	Geographically weighted regression based methods for merging satellite and gauge precipitation. <i>Journal of Hydrology</i> , 2018, 558, 275-289.	5.4	181
83	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
84	Analysis of flash flood disaster characteristics in China from 2011 to 2015. <i>Natural Hazards</i> , 2018, 90, 407-420.	3.4	92
85	Application and Sensitivity Analysis of Artificial Neural Network for Prediction of Chemical Oxygen Demand. <i>Water Resources Management</i> , 2018, 32, 273-283.	3.9	30
86	Simulating canopy conductance of the Haloxylon ammodendron shrubland in an arid inland river basin of northwest China. <i>Agricultural and Forest Meteorology</i> , 2018, 249, 22-34.	4.8	31
87	Characteristics of Urban Waterlogging and Flash Flood Hazards and Their Integrated Preventive Measures: Case Study in Fuzhou, China. <i>Journal of Sustainable Water in the Built Environment</i> , 2018, 4, .	1.6	11
88	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
89	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
90	Structural-functional interactions of NS1-BP protein with the splicing and mRNA export machineries for viral and host gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12218-E12227.	7.1	21

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91	Analysis of drought and vulnerability in the North Darfur region of Sudan. <i>Land Degradation and Development</i> , 2018, 29, 4424-4438.	3.9	29
92	Loss of Elongation-Like Factor 1 Spontaneously Induces Diverse, RNase H-Related Suppressor Mutations in <i>Schizosaccharomyces pombe</i> . <i>Genetics</i> , 2018, 209, 967-981.	2.9	4
93	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
94	Characterizing peer-judged answer quality on academic Q&A sites. <i>Aslib Journal of Information Management</i> , 2018, 70, 269-287.	2.1	16
95	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
96	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
97	Bias-corrected data sets of climate model outputs at uniform space-time resolution for land surface modelling over Amazonia. <i>International Journal of Climatology</i> , 2017, 37, 621-636.	3.5	17
98	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
99	Mass inventory of the giant-planet formation zone in a solar nebula analogue. <i>Nature Astronomy</i> , 2017, 1, .	10.1	100
100	Soft Biometrics in Online Social Networks: A Case Study on Twitter User Gender Recognition. , 2017, , .		11
101	Evaluation of the TRMM multisatellite precipitation analysis and its applicability in supporting reservoir operation and water resources management in Hanjiang basin, China. <i>Journal of Hydrology</i> , 2017, 549, 313-325.	5.4	52
102	Application of a developed distributed hydrological model based on the mixed runoff generation model and 2D kinematic wave flow routing model for better flood forecasting. <i>Atmospheric Science Letters</i> , 2017, 18, 284-293.	1.9	17
103	On simulation improvement of the <sc>N</sc>_oah_<sc>LSM</sc> by coupling with a hydrological model using a double-excess runoff production scheme in the <sc>GRAPES</sc>_<sc>M</sc>eso model. <i>Meteorological Applications</i> , 2017, 24, 512-520.	2.1	3
104	Hydrometeorological Applications: Severe Weather Precipitation Detection, Estimation, and Forecast. <i>Advances in Meteorology</i> , 2017, 2017, 1-2.	1.6	1
105	Impacts of future deforestation and climate change on the hydrology of the Amazon Basin: a multi-model analysis with a new set of land-cover change scenarios. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1455-1475.	4.9	69
106	Estimation of Active Stream Network Length in a Hilly Headwater Catchment Using Recession Flow Analysis. <i>Water (Switzerland)</i> , 2017, 9, 348.	2.7	6
107	Unveiling the mid-plane temperature and mass distribution in the giant-planet formation zone. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 103-108.	0.0	0
108	Characterizing users'™ check-in activities using their scores in a location-based social network. <i>Multimedia Systems</i> , 2016, 22, 87-98.	4.7	8

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109	MEASUREMENTS OF WATER SURFACE SNOW LINES IN CLASSICAL PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2016, 818, 22.	4.5	58
110	iCRESTRIGRS: a coupled modeling system for cascading flood–landslide disaster forecasting. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 5035-5048.	4.9	47
111	Advances in Remote Sensing and Modeling of Terrestrial Hydrometeorological Processes and Extremes. <i>Advances in Meteorology</i> , 2016, 2016, 1-3.	1.6	0
112	THE RADIAL DISTRIBUTION OF H <sub>2</sub> AND CO IN TW HYA AS REVEALED BY RESOLVED ALMA OBSERVATIONS OF CO ISOTOPOLOGUES. <i>Astrophysical Journal</i> , 2016, 823, 91.	4.5	163
113	Automated IT system failure prediction: A deep learning approach. , 2016, , .		97
114	Coupling the k-nearest neighbor procedure with the Kalman filter for real-time updating of the hydraulic model in flood forecasting. <i>International Journal of Sediment Research</i> , 2016, 31, 149-158.	3.5	65
115	Do Street Fairs Boost Local Businesses? A Quasi-Experimental Analysis Using Social Network Data. <i>Lecture Notes in Computer Science</i> , 2016, , 161-176.	1.3	2
116	GDBC: A tool for generating global-scale distributed basin morphometry. <i>Environmental Modelling and Software</i> , 2016, 83, 212-223.	4.5	10
117	Application and comparison of coaxial correlation diagram and hydrological model for reconstructing flood series under human disturbance. <i>Journal of Mountain Science</i> , 2016, 13, 1245-1264.	2.0	10
118	Changing Amazon biomass and the role of atmospheric CO <sub>2</sub> concentration, climate, and land use. <i>Global Biogeochemical Cycles</i> , 2016, 30, 18-39.	4.9	32
119	Applying a statistical method to streamflow reduction caused by underground mining for coal in the Kuye River basin. <i>Science China Technological Sciences</i> , 2016, 59, 1911-1920.	4.0	8
120	A review of remote sensing based actual evapotranspiration estimation. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 834-853.	6.5	380
121	ON THE COMMONALITY OF 10–30 AU SIZED AXISYMMETRIC DUST STRUCTURES IN PROTOPLANETARY DISKS. <i>Astrophysical Journal Letters</i> , 2016, 818, L16.	8.3	117
122	Variation in stem mortality rates determines patterns of above-ground biomass in Amazonian forests: implications for dynamic global vegetation models. <i>Global Change Biology</i> , 2016, 22, 3996-4013.	9.5	116
123	Large-scale climate patterns and precipitation in an arid endorheic region: linkage and underlying mechanism. <i>Environmental Research Letters</i> , 2016, 11, 044006.	5.2	20
124	China's Degraded Environment Enters A New Normal. <i>Trends in Ecology and Evolution</i> , 2016, 31, 175-177.	8.7	33
125	Ecosystem heterogeneity determines the ecological resilience of the Amazon to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 793-797.	7.1	161
126	Regime shifts and resilience in China's coastal ecosystems. <i>Ambio</i> , 2016, 45, 89-98.	5.5	18



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127	New Multisite Cascading Calibration Approach for Hydrological Models: Case Study in the Red River Basin Using the VIC Model. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	1.9	47
128	Towards understanding the gamification upon usersâ€™ scores in a location-based social network. <i>Multimedia Tools and Applications</i> , 2016, 75, 8895-8919.	3.9	6
129	Water balanceâ€based actual evapotranspiration reconstruction from ground and satellite observations over the conterminous <sc>U</sc>nited <sc>S</sc>tates. <i>Water Resources Research</i> , 2015, 51, 6485-6499.	4.2	79
130	Vegetation Greening and Climate Change Promote Multidecadal Rises of Global Land Evapotranspiration. <i>Scientific Reports</i> , 2015, 5, 15956.	3.3	265
131	DETECTION OF WATER VAPOR IN THE TERRESTRIAL PLANET FORMING REGION OF A TRANSITION DISK. <i>Astrophysical Journal Letters</i> , 2015, 810, L24.	8.3	18
132	The fate of Amazonian ecosystems over the coming century arising from changes in climate, atmospheric <sc>CO</sc><sub>2</sub> and land use. <i>Global Change Biology</i> , 2015, 21, 2569-2587.	9.5	97
133	EVIDENCE OF FAST PEBBLE GROWTH NEAR CONDENSATION FRONTS IN THE HL TAU PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2015, 806, L7.	8.3	297
134	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
135	A two-step matrix splitting iteration for computing PageRank. <i>Journal of Computational and Applied Mathematics</i> , 2015, 278, 19-28.	2.0	40
136	Predictability of a Physically Based Model for Rainfall-induced Shallow Landslides: Model Development and Case Studies. , 2015, , 165-178.		6
137	Understanding spatial homophily. , 2014, , .		25
138	ALMA OBSERVATIONS OF THE T TAURI BINARY SYSTEM AS 205: EVIDENCE FOR MOLECULAR WINDS AND/OR BINARY INTERACTIONS. <i>Astrophysical Journal</i> , 2014, 792, 68.	4.5	41
139	Flexible global generalized Hessenberg methods for linear systems with multiple right-hand sides. <i>Journal of Computational and Applied Mathematics</i> , 2014, 263, 312-325.	2.0	6
140	COMPARISON OF THE DUST AND GAS RADIAL STRUCTURE IN THE TRANSITION DISK [PZ99] J160421.7-213028. <i>Astrophysical Journal</i> , 2014, 791, 42.	4.5	74
141	A flexible CMRH algorithm for nonsymmetric linear systems. <i>Journal of Applied Mathematics and Computing</i> , 2014, 45, 43-61.	2.5	5
142	Improving the flood prediction capability of the Xinanjiang model in ungauged nested catchments by coupling it with the geomorphologic instantaneous unit hydrograph. <i>Journal of Hydrology</i> , 2014, 517, 1035-1048.	5.4	94
143	Safe and just operating spaces for regional social-ecological systems. <i>Global Environmental Change</i> , 2014, 28, 227-238.	7.8	311
144	On the importance of temporal dynamics in modeling urban activity. , 2013, , .		20

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145	A Polynomial Preconditioned Global CMRH Method for Linear Systems with Multiple Right-Hand Sides. Journal of Applied Mathematics, 2013, 2013, 1-7.	0.9	1
146	Sensitivity of inferred climate model skill to evaluation decisions: a case study using CMIP5 evapotranspiration. Environmental Research Letters, 2013, 8, 024028.	5.2	50
147	ACM HotMobile 2013 poster. Mobile Computing and Communications Review, 2013, 17, 29-30.	1.7	0
148	Towards reliable spatial information in LBSNs. , 2012, , .		6
149	Extending the timescale and range of ecosystem services through paleoenvironmental analyses, exemplified in the lower Yangtze basin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1111-20.	7.1	163
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