

J Q Chen

List of Publications by Year in descending order

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Version: 2024-02-01

399
papers

30,000
citations

7096

78
h-index

7745

150
g-index

428
all docs

428
docs citations

428
times ranked

23747
citing authors

#	ARTICLE	IF	CITATIONS
1	Bound to Ulaanbaatar in Mongolia. <i>Eurasian Geography and Economics</i> , 2023, 64, 460-483.	2.6	1
2	Direct and indirect effects of climatic variations on the interannual variability in net ecosystem exchange across terrestrial ecosystems. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 68, 30575.	1.6	21
3	Urban expansion inferred by ecosystem production on the Qinghai-Tibet plateau. <i>Environmental Research Letters</i> , 2022, 17, 035001.	5.2	6
4	Stocking rate changed the magnitude of carbon sequestration and flow within the plant-soil system of a meadow steppe ecosystem. <i>Plant and Soil</i> , 2022, 473, 33-47.	3.7	4
5	A new open-path eddy covariance method for nitrous oxide and other trace gases that minimizes temperature corrections. <i>Global Change Biology</i> , 2022, 28, 1446-1457.	9.5	3
6	Integrating life cycle assessment into landscape studies: a postcard from Hulunbuir. <i>Landscape Ecology</i> , 2022, 37, 1347-1364.	4.2	3
7	Model Selection for Ecosystem Respiration Needs to Be Site Specific: Lessons from Grasslands on the Mongolian Plateau. <i>Land</i> , 2022, 11, 87.	2.9	1
8	Sustainability challenges for the social-environmental systems across the Asian Drylands Belt. <i>Environmental Research Letters</i> , 2022, 17, 023001.	5.2	20
9	Energy balance and partitioning over grasslands on the Mongolian Plateau. <i>Ecological Indicators</i> , 2022, 135, 108560.	6.3	13
10	Recently constructed hydropower dams were associated with reduced economic production, population, and greenness in nearby areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	23
11	Roles of Economic Development Level and Other Human System Factors in COVID-19 Spread in the Early Stage of the Pandemic. <i>Sustainability</i> , 2022, 14, 2342.	3.2	7
12	Albedo-Induced Global Warming Impact at Multiple Temporal Scales within an Upper Midwest USA Watershed. <i>Land</i> , 2022, 11, 283.	2.9	5
13	Response of Functional Diversity of Soil Microbial Community to Forest Cutting and Regeneration Methodology in a Chinese Fir Plantation. <i>Forests</i> , 2022, 13, 360.	2.1	7
14	Biogeosciences Perspectives on Integrated, Coordinated, Open, Networked (ICON) Science. <i>Earth and Space Science</i> , 2022, 9, .	2.6	14
15	Assessment of Climate Change and Human Activities on Vegetation Development in Northeast China. <i>Sensors</i> , 2022, 22, 2509.	3.8	14
16	Assessing methane emissions for northern peatlands in ORCHIDEE-PEAT revision 7020. <i>Geoscientific Model Development</i> , 2022, 15, 2813-2838.	3.6	8
17	Land Use Hotspots of the Two Largest Landlocked Countries: Kazakhstan and Mongolia. <i>Remote Sensing</i> , 2022, 14, 1805.	4.0	6
18	Surface Urban Energy and Water Balance Scheme (v2020a) in vegetated areas: parameter derivation and performance evaluation using FLUXNET2015 dataset. <i>Geoscientific Model Development</i> , 2022, 15, 3041-3078.	3.6	4

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19	Reducing soil CO ₂ , CH ₄ and N ₂ O emissions through management of harvest residues in Chinese fir plantation. <i>Forest Ecology and Management</i> , 2022, 511, 120140.	3.2	4
20	The Global LAnd Surface Satellite (GLASS) evapotranspiration product Version 5.0: Algorithm development and preliminary validation. <i>Journal of Hydrology</i> , 2022, 610, 127990.	5.4	12
21	A Review on the Adoption of AI, BC, and IoT in Sustainability Research. <i>Sustainability</i> , 2022, 14, 7851.	3.2	14
22	Albedo changes caused by future urbanization contribute to global warming. <i>Nature Communications</i> , 2022, 13, .	12.8	48
23	A novel TIR-derived three-source energy balance model for estimating daily latent heat flux in mainland China using an all-weather land surface temperature product. <i>Agricultural and Forest Meteorology</i> , 2022, 323, 109066.	4.8	9
24	Migration under economic transition and changing climate in Mongolia. <i>Journal of Arid Environments</i> , 2021, 185, 104333.	2.4	11
25	Divergent forcing of water use efficiency from aridity in two meadows of the Mongolian Plateau. <i>Journal of Hydrology</i> , 2021, 593, 125799.	5.4	17
26	Shifts in plant composition mediate grazing effects on carbon cycling in grasslands. <i>Journal of Applied Ecology</i> , 2021, 58, 518-527.	4.0	15
27	A Novel NIR-Red Spectral Domain Evapotranspiration Model From the Chinese GF-1 Satellite: Application to the Huailai Agricultural Region of China. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 4105-4119.	6.3	10
28	Asymmetric responses of resource use efficiency to previous-year precipitation in a semi-arid grassland. <i>Functional Ecology</i> , 2021, 35, 807-814.	3.6	9
29	Autumn Phenology and Its Covariation with Climate, Spring Phenology and Annual Peak Growth on the Mongolian Plateau. <i>Agricultural and Forest Meteorology</i> , 2021, 298-299, 108312.	4.8	15
30	Long-term variability of root production in bioenergy crops from ingrowth core measurements. <i>Journal of Plant Ecology</i> , 2021, 14, 757-770.	2.3	7
31	Cultural Landmarks and Urban Landscapes in Three Contrasting Societies. <i>Sustainability</i> , 2021, 13, 4295.	3.2	3
32	Warming homogenizes apparent temperature sensitivity of ecosystem respiration. <i>Science Advances</i> , 2021, 7, .	10.3	28
33	Atmospheric aerosols elevated ecosystem productivity of a poplar plantation in Beijing, China. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1440-1449.	1.7	2
34	Representativeness of Eddy-Covariance flux footprints for areas surrounding AmeriFlux sites. <i>Agricultural and Forest Meteorology</i> , 2021, 301-302, 108350.	4.8	125
35	An Environmental and Societal Analysis of the US Electrical Energy Industry Based on the Water-Energy Nexus. <i>Energies</i> , 2021, 14, 2633.	3.1	7
36	Identifying dominant environmental predictors of freshwater wetland methane fluxes across diurnal to seasonal time scales. <i>Global Change Biology</i> , 2021, 27, 3582-3604.	9.5	59

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37	FLUXNET-CH ₄ : a global, multi-ecosystem dataset and analysis of methane seasonality from freshwater wetlands. <i>Earth System Science Data</i> , 2021, 13, 3607-3689.	9.9	79
38	Life cycle assessment of dairy production systems in Inner Mongolia: reiterate LCA modeling approaches. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 1670-1686.	4.7	2
39	How does mining policy affect rural migration of Mongolia?. <i>Land Use Policy</i> , 2021, 107, 105474.	5.6	9
40	Albedo-induced global warming impact of Conservation Reserve Program grasslands converted to annual and perennial bioenergy crops. <i>Environmental Research Letters</i> , 2021, 16, 084059.	5.2	8
41	Modeled Surface-Atmosphere Fluxes From Paired Sites in the Upper Great Lakes Region Using Neural Networks. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006363.	3.0	4
42	Evaluation of prediction and forecasting models for evapotranspiration of agricultural lands in the Midwest U.S. <i>Journal of Hydrology</i> , 2021, 600, 126579.	5.4	21
43	The three major axes of terrestrial ecosystem function. <i>Nature</i> , 2021, 598, 468-472.	27.8	99
44	DNN-MET: A deep neural networks method to integrate satellite-derived evapotranspiration products, eddy covariance observations and ancillary information. <i>Agricultural and Forest Meteorology</i> , 2021, 308-309, 108582.	4.8	17
45	Gap-filling eddy covariance methane fluxes: Comparison of machine learning model predictions and uncertainties at FLUXNET-CH ₄ wetlands. <i>Agricultural and Forest Meteorology</i> , 2021, 308-309, 108528.	4.8	33
46	Towards a Single Integrative Metric on the Dynamics of Social-Environmental Systems. <i>Sustainability</i> , 2021, 13, 11246.	3.2	4
47	Land uses changed the dynamics and controls of carbon-water exchanges in alkali-saline Songnen Plain of Northeast China. <i>Ecological Indicators</i> , 2021, 133, 108353.	6.3	11
48	Lateral detrital C transfer across a <i>Spartina alterniflora</i> invaded estuarine wetland. <i>Ecological Processes</i> , 2021, 10, .	3.9	1
49	Retreating Shorelines as an Emerging Threat to AdÃ©lie Penguins on Inexpressible Island. <i>Remote Sensing</i> , 2021, 13, 4718.	4.0	2
50	The Shifting Role of mRUE for Regulating Ecosystem Production. <i>Ecosystems</i> , 2020, 23, 359-369.	3.4	3
51	Joint forcing by heat waves and mowing poses a threat to grassland ecosystems: Evidence from a manipulative experiment. <i>Land Degradation and Development</i> , 2020, 31, 785-800.	3.9	11
52	Responses of landscape structure to the ecological restoration programs in the farming-pastoral ecotone of Northern China. <i>Science of the Total Environment</i> , 2020, 710, 136311.	8.0	39
53	Long-term evapotranspiration rates for rainfed corn versus perennial bioenergy crops in a mesic landscape. <i>Hydrological Processes</i> , 2020, 34, 810-822.	2.6	13
54	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. <i>Scientific Data</i> , 2020, 7, 225.	5.3	646

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55	Intra-Annual and Interannual Dynamics of Evaporation Over Western Lake Erie. <i>Earth and Space Science</i> , 2020, 7, e2020EA001091.	2.6	6
56	Climate Change Dominated Long-Term Soil Carbon Losses of Inner Mongolian Grasslands. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006559.	4.9	23
57	Challenging a Global Land Surface Model in a Local Socio-Environmental System. <i>Land</i> , 2020, 9, 398.	2.9	1
58	Disproportioned Performances of Protected Areas in the Beijing-Tianjin-Hebei Region. <i>Sustainability</i> , 2020, 12, 6404.	3.2	4
59	Diverging Responses of Two Subtropical Tree Species (<i>Schima superba</i> and <i>Cunninghamia lanceolata</i>) to Heat Waves. <i>Forests</i> , 2020, 11, 513.	2.1	8
60	Enhanced Lateral Exchange of Carbon and Nitrogen in a Coastal Wetland With Invasive <i>Spartina alterniflora</i> . <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005459.	3.0	9
61	Increasing contribution of peatlands to boreal evapotranspiration in a warming climate. <i>Nature Climate Change</i> , 2020, 10, 555-560.	18.8	106
62	Spatiotemporal variations of albedo in managed agricultural landscapes: inferences to global warming impacts (GWI). <i>Landscape Ecology</i> , 2020, 35, 1385-1402.	4.2	13
63	Anti-phase Variation of Hydrology and In-Phase Carbon Accumulations in Two Wetlands in Southern and Northern China Since the Last Deglaciation. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	4
64	Environmental and canopy stomatal control on ecosystem water use efficiency in a riparian poplar plantation. <i>Agricultural and Forest Meteorology</i> , 2020, 287, 107953.	4.8	25
65	Evaluating relationships of standing stock, LAI and NDVI at a subtropical reforestation site in southern Taiwan using field and satellite data. <i>Journal of Forest Research</i> , 2020, 25, 250-259.	1.4	3
66	Modifying the maximal light-use efficiency for enhancing predictions of vegetation net primary productivity on the Mongolian Plateau. <i>International Journal of Remote Sensing</i> , 2020, 41, 3740-3760.	2.9	21
67	Noninvasive 2D and 3D Mapping of Root Zone Soil Moisture Through the Detection of Coarse Roots With Ground-Penetrating Radar. <i>Water Resources Research</i> , 2020, 56, e2019WR026930.	4.2	12
68	Water stress altered photosynthesis-vegetation index relationships for winter wheat. <i>Agronomy Journal</i> , 2020, 112, 2944-2955.	1.8	4
69	Social-Ecological Systems Across the Asian Drylands Belt (ADB). <i>Landscape Series</i> , 2020, , 191-225.	0.2	9
70	Geospatial coherence of surface-atmosphere fluxes in the upper Great Lakes region. <i>Agricultural and Forest Meteorology</i> , 2020, 295, 108188.	4.8	3
71	Non-climatic component provoked substantial spatiotemporal changes of carbon and water use efficiency on the Mongolian Plateau. <i>Environmental Research Letters</i> , 2020, 15, 095009.	5.2	18
72	The biophysical climate mitigation potential of boreal peatlands during the growing season. <i>Environmental Research Letters</i> , 2020, 15, 104004.	5.2	31

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73	Population and Urban Dynamics in Drylands of China. <i>Landscape Series</i> , 2020, , 107-124.	0.2	6
74	Multiple Perspectives on Drylands Across Greater Central Asia. <i>Landscape Series</i> , 2020, , 1-9.	0.2	2
75	Typical Steppe Ecosystem. <i>Ecosystems of China</i> , 2020, , 193-248.	0.1	3
76	Improving estimates of built-up area from night time light across globally distributed cities through hierarchical modeling. <i>Science of the Total Environment</i> , 2019, 647, 1266-1280.	8.0	18
77	A meta-analysis of 1,119 manipulative experiments on terrestrial carbon-cycling responses to global change. <i>Nature Ecology and Evolution</i> , 2019, 3, 1309-1320.	7.8	304
78	Analysis of Changes in Reference Evapotranspiration, Pan Evaporation, and Actual Evapotranspiration and Their Influencing Factors in the North China Plain During 1998–2005. <i>Earth and Space Science</i> , 2019, 6, 1366-1377.	2.6	28
79	Estimating aboveground biomass in subtropical forests of China by integrating multisource remote sensing and ground data. <i>Remote Sensing of Environment</i> , 2019, 232, 111341.	11.0	46
80	Covariations between plant functional traits emerge from constraining parameterization of a terrestrial biosphere model. <i>Global Ecology and Biogeography</i> , 2019, 28, 1351-1365.	5.8	22
81	Livestock dynamics under changing economy and climate in Mongolia. <i>Land Use Policy</i> , 2019, 88, 104120.	5.6	10
82	Linear downscaling from MODIS to landsat: connecting landscape composition with ecosystem functions. <i>Landscape Ecology</i> , 2019, 34, 2917-2934.	4.2	12
83	Co-culture of multiple aquatic species enhances vegetable production in coastal Shanghai. <i>Journal of Cleaner Production</i> , 2019, 241, 118419.	9.3	10
84	Spatiotemporal changes of informal settlements: Ger districts in Ulaanbaatar, Mongolia. <i>Landscape and Urban Planning</i> , 2019, 191, 103630.	7.5	23
85	Evaluation of a satellite-derived model parameterized by three soil moisture constraints to estimate terrestrial latent heat flux in the Heihe River basin of Northwest China. <i>Science of the Total Environment</i> , 2019, 695, 133787.	8.0	17
86	Dynamics of net primary productivity on the Mongolian Plateau: Joint regulations of phenology and drought. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 81, 85-97.	2.8	43
87	Spatial Accessibility of Urban Forests in the Pearl River Delta (PRD), China. <i>Remote Sensing</i> , 2019, 11, 667.	4.0	3
88	A social impact quantification framework for the resource extraction industry. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 1898-1910.	4.7	9
89	Changes and regulations of net ecosystem CO ₂ exchange across temporal scales in the Alxa Desert. <i>Journal of Arid Environments</i> , 2019, 164, 78-84.	2.4	2
90	Memory effects of climate and vegetation affecting net ecosystem CO ₂ fluxes in global forests. <i>PLoS ONE</i> , 2019, 14, e0211510.	2.5	58

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91	Joint forcing of climate warming and ENSO on a dual-cropping system. <i>Agricultural and Forest Meteorology</i> , 2019, 269-270, 10-18.	4.8	6
92	Foliar Nutrient Content Mediates Grazing Effects on Species Dominance and Plant Community Biomass. <i>Rangeland Ecology and Management</i> , 2019, 72, 899-906.	2.3	13
93	Carbon debt of field-scale conservation reserve program grasslands converted to annual and perennial bioenergy crops. <i>Environmental Research Letters</i> , 2019, 14, 024019.	5.2	31
94	Urbanization, economic development, environmental and social changes in transitional economies: Vietnam after Doimoi. <i>Landscape and Urban Planning</i> , 2019, 187, 145-155.	7.5	113
95	A Bayesian approach to mapping the uncertainties of global urban lands. <i>Landscape and Urban Planning</i> , 2019, 187, 210-218.	7.5	3
96	Ecosystem carbon exchange on conversion of Conservation Reserve Program grasslands to annual and perennial cropping systems. <i>Agricultural and Forest Meteorology</i> , 2018, 253-254, 151-160.	4.8	29
97	Heavy mowing enhances the effects of heat waves on grassland carbon and water fluxes. <i>Science of the Total Environment</i> , 2018, 627, 561-570.	8.0	11
98	Walkability in urban landscapes: a comparative study of four large cities in China. <i>Landscape Ecology</i> , 2018, 33, 323-340.	4.2	33
99	Renewed Estimates of Grassland Aboveground Biomass Showing Drought Impacts. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 138-148.	3.0	11
100	Increased growth rate (1982-2013) in global grasslands biomes. <i>Remote Sensing Letters</i> , 2018, 9, 550-558.	1.4	0
101	Response of soil methane uptake to simulated nitrogen deposition and grazing management across three types of steppe in Inner Mongolia, China. <i>Science of the Total Environment</i> , 2018, 612, 799-808.	8.0	14
102	Nature-based solutions for resilient landscapes and cities. <i>Environmental Research</i> , 2018, 165, 431-441.	7.5	225
103	Dryland belt of Northern Eurasia: contemporary environmental changes and their consequences. <i>Environmental Research Letters</i> , 2018, 13, 115008.	5.2	36
104	The effects of nutrients on stream invertebrates: a regional estimation by generalized propensity score. <i>Ecological Processes</i> , 2018, 7, 21.	3.9	12
105	Urbanization in Siberia through Satellite Imagery. <i>Problems of Economic Transition</i> , 2018, 60, 677-691.	0.0	0
106	Enhanced peak growth of global vegetation and its key mechanisms. <i>Nature Ecology and Evolution</i> , 2018, 2, 1897-1905.	7.8	169
107	Does Plant Knowledge within Urban Forests and Parks Directly Influence Visitor Pro-Environmental Behaviors. <i>Forests</i> , 2018, 9, 171.	2.1	13
108	Spatiotemporal variations of CO ₂ fluxes in a <i>Cynodon</i> -dominated riparian zone of the Three Gorges Reservoir (TGR), China. <i>Journal of Plant Ecology</i> , 2018, 11, 877-886.	2.3	1

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109	Coupled dynamics of socioeconomic and environmental systems in Tibet. <i>Environmental Research Letters</i> , 2018, 13, 034001.	5.2	9
110	Prospects for the sustainability of social-ecological systems (SES) on the Mongolian plateau: five critical issues. <i>Environmental Research Letters</i> , 2018, 13, 123004.	5.2	77
111	Combining participatory scenario planning and systems modeling to identify drivers of future sustainability on the Mongolian Plateau. <i>Ecology and Society</i> , 2018, 23, .	2.3	28
112	Urbanization and sustainability under transitional economies: a synthesis for Asian Russia. <i>Environmental Research Letters</i> , 2018, 13, 095007.	5.2	15
113	Spatiotemporal Changes in PM2.5 and Their Relationships with Land-Use and People in Hangzhou. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2192.	2.6	14
114	Quantifying the effect of forest age in annual net forest carbon balance. <i>Environmental Research Letters</i> , 2018, 13, 124018.	5.2	67
115	Approaches on the Screening Methods for Materiality in Sustainability Reporting. <i>Sustainability</i> , 2018, 10, 3233.	3.2	22
116	Spatiotemporal Consistency of Four Gross Primary Production Products and Solar-Induced Chlorophyll Fluorescence in Response to Climate Extremes Across CONUS in 2012. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 3140-3161.	3.0	30
117	Satellite Detection of Water Stress Effects on Terrestrial Latent Heat Flux With MODIS Shortwave Infrared Reflectance Data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 11,410.	3.3	10
118	Interdependent Dynamics of LAI-Albedo across the Roofing Landscapes: Mongolian and Tibetan Plateaus. <i>Remote Sensing</i> , 2018, 10, 1159.	4.0	23
119	Legacy effects of land use on soil nitrous oxide emissions in annual crop and perennial grassland ecosystems. <i>Ecological Applications</i> , 2018, 28, 1362-1369.	3.8	25
120	ORCHIDEE-PEAT (revision 4596), a model for northern peatland CO ₂ , water, and energy fluxes on daily to annual scales. <i>Geoscientific Model Development</i> , 2018, 11, 497-519.	3.6	43
121	Assessing the interplay between canopy energy balance and photosynthesis with cellulose $\delta^{18}O$: large-scale patterns and independent ground-truthing. <i>Oecologia</i> , 2018, 187, 995-1007.	2.0	13
122	Grazing effect on grasslands escalated by abnormal precipitations in Inner Mongolia. <i>Ecology and Evolution</i> , 2018, 8, 8187-8196.	1.9	22
123	Grazing modulates soil temperature and moisture in a Eurasian steppe. <i>Agricultural and Forest Meteorology</i> , 2018, 262, 157-165.	4.8	60
124	Remote Sensing for Ecosystem Sustainability. , 2018, , 186-201.		1
125	Seasonal patterns of canopy photosynthesis captured by remotely sensed sun-induced fluorescence and vegetation indexes in mid-to-high latitude forests: A cross-platform comparison. <i>Science of the Total Environment</i> , 2018, 644, 439-451.	8.0	17
126	Regulations of cloudiness on energy partitioning and water use strategy in a riparian poplar plantation. <i>Agricultural and Forest Meteorology</i> , 2018, 262, 135-146.	4.8	21

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127	Grassland canopy cover and aboveground biomass in Mongolia and Inner Mongolia: Spatiotemporal estimates and controlling factors. <i>Remote Sensing of Environment</i> , 2018, 213, 34-48.	11.0	101
128	Field Observation of Lateral Detritus Carbon Flux in a Coastal Wetland. <i>Wetlands</i> , 2018, 38, 613-625.	1.5	9
129	Temporal Dynamics of Aerodynamic Canopy Height Derived From Eddy Covariance Momentum Flux Data Across North American Flux Networks. <i>Geophysical Research Letters</i> , 2018, 45, 9275-9287.	4.0	31
130	Contributions of landscape heterogeneity within the footprint of eddy-covariance towers to flux measurements. <i>Agricultural and Forest Meteorology</i> , 2018, 260-261, 144-153.	4.8	25
131	Predominance of precipitation event controls ecosystem CO ₂ exchange in an Inner Mongolian desert grassland, China. <i>Journal of Cleaner Production</i> , 2018, 197, 781-793.	9.3	33
132	A conceptual framework for ecosystem management based on tradeoff analysis. <i>Ecological Indicators</i> , 2017, 75, 352-361.	6.3	5
133	Enhancing the soil and water assessment tool model for simulating N ₂ O emissions of three agricultural systems. <i>Ecosystem Health and Sustainability</i> , 2017, 3, .	3.1	27
134	Cloudiness regulates gross primary productivity of a poplar plantation under different environmental conditions. <i>Canadian Journal of Forest Research</i> , 2017, 47, 648-658.	1.7	19
135	Improving global terrestrial evapotranspiration estimation using support vector machine by integrating three process-based algorithms. <i>Agricultural and Forest Meteorology</i> , 2017, 242, 55-74.	4.8	96
136	A simple temperature domain two-source model for estimating agricultural field surface energy fluxes from Landsat images. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5211-5236.	3.3	43
137	Grazing effects on surface energy fluxes in a desert steppe on the Mongolian Plateau. <i>Ecological Applications</i> , 2017, 27, 485-502.	3.8	33
138	Climate controls over the net carbon uptake period and amplitude of net ecosystem production in temperate and boreal ecosystems. <i>Agricultural and Forest Meteorology</i> , 2017, 243, 9-18.	4.8	64
139	Understanding livestock production and sustainability of grassland ecosystems in the Asian Dryland Belt. <i>Ecological Processes</i> , 2017, 6, .	3.9	45
140	Nature-based solutions for urban landscapes under post-industrialization and globalization: Barcelona versus Shanghai. <i>Environmental Research</i> , 2017, 156, 272-283.	7.5	74
141	Green buildings need green occupants: a research framework through the lens of the Theory of Planned Behaviour. <i>Architectural Science Review</i> , 2017, 60, 5-14.	2.2	26
142	Turbulent Heat Fluxes during an Extreme Lake-Effect Snow Event. <i>Journal of Hydrometeorology</i> , 2017, 18, 3145-3163.	1.9	24
143	Agent-Based Modeling of Temporal and Spatial Dynamics in Life Cycle Sustainability Assessment. <i>Journal of Industrial Ecology</i> , 2017, 21, 1507-1521.	5.5	38
144	Grassland productivity and carbon sequestration in Mongolian grasslands: The underlying mechanisms and nomadic implications. <i>Environmental Research</i> , 2017, 159, 124-134.	7.5	35

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145	Estimation of high-resolution terrestrial evapotranspiration from Landsat data using a simple Taylor skill fusion method. <i>Journal of Hydrology</i> , 2017, 553, 508-526.	5.4	41
146	Urbanization on the Mongolian Plateau after economic reform: Changes and causes. <i>Applied Geography</i> , 2017, 86, 118-127.	3.7	46
147	Accessibility of public urban green space in an urban periphery: The case of Shanghai. <i>Landscape and Urban Planning</i> , 2017, 165, 177-192.	7.5	228
148	The Effect of Algal Blooms on Carbon Emissions in Western Lake Erie: An Integration of Remote Sensing and Eddy Covariance Measurements. <i>Remote Sensing</i> , 2017, 9, 44.	4.0	22
149	Northern Eurasia Future Initiative (NEFI): facing the challenges and pathways of global change in the twenty-first century. <i>Progress in Earth and Planetary Science</i> , 2017, 4, .	3.0	69
150	Pastureland transfer as a livelihood adaptation strategy for herdsmen: a case study of Xilingol, Inner Mongolia. <i>Rangeland Journal</i> , 2017, 39, 179.	0.9	17
151	Growing season carries stronger contributions to albedo dynamics on the Tibetan plateau. <i>PLoS ONE</i> , 2017, 12, e0180559.	2.5	18
152	HOW DO GREEN BUILDINGS COMMUNICATE GREEN DESIGN TO BUILDING USERS? A SURVEY STUDY OF A LEED-CERTIFIED BUILDING. <i>Journal of Green Building</i> , 2017, 12, 85-100.	0.8	9
153	The Effect of Landscape Composition on the Abundance of <i>Laodelphax striatellus</i> Fall�n in Fragmented Agricultural Landscapes. <i>Land</i> , 2016, 5, 36.	2.9	1
154	Estimating Stand Volume and Above-Ground Biomass of Urban Forests Using LiDAR. <i>Remote Sensing</i> , 2016, 8, 339.	4.0	62
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