

K Yang; Kun Yang

List of Publications by Year
in descending order

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312
papers

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12330

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338
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338
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338
times ranked

10130
citing authors

#	ARTICLE	IF	CITATIONS
1	Ozonation precipitation for iron removal in zinc hydrometallurgy. Canadian Metallurgical Quarterly, 2023, 62, 99-106.	1.2	2
2	Integration of Multisource Data to Estimate Downward Longwave Radiation Based on Deep Neural Networks. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	4
3	An Improved Algorithm for Estimating Surface Shortwave Radiation: Preliminary Evaluation With MODIS Products. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-9.	6.3	2
4	Maximum lake surface water temperatures changing characteristics under climate change. Environmental Science and Pollution Research, 2022, 29, 2547-2554.	5.3	2
5	Katabatic Flow Structures Indicative of the Flux Dissimilarity for Stable Stratification. Boundary-Layer Meteorology, 2022, 182, 379-415.	2.3	3
6	Potential of Mapping Global Soil Texture Type From SMAP Soil Moisture Product: A Pilot Study. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	3
7	A New Benchmark for Surface Radiation Products over the East Asia-Pacific Region Retrieved from the Himawari-8/AHI Next-Generation Geostationary Satellite. Bulletin of the American Meteorological Society, 2022, 103, E873-E888.	3.3	60
8	Contributions of Weakly Coupled Data Assimilation-Based Land Initialization to Interannual Predictability of Summer Climate over Europe. Journal of Climate, 2022, 35, 517-535.	3.2	4
9	Improving surface soil moisture retrievals through a novel assimilation algorithm to estimate both model and observation errors. Remote Sensing of Environment, 2022, 269, 112802.	11.0	14
10	A Novel Real-Time Error Adjustment Method With Considering Four Factors for Correcting Hourly Multi-Satellite Precipitation Estimates. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	2
11	The impact of COVID-19 on urban PM2.5 -taking Hubei Province as an example. Environmental Pollution, 2022, 294, 118633.	7.5	15
12	Precipitation recycling ratio and water vapor sources on the Tibetan Plateau. Science China Earth Sciences, 2022, 65, 584-588.	5.2	18
13	Tibetan Plateau Temperature Extreme Changes and Their Elevation Dependency From Ground-Based Observations. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	4
14	A simple framework to characterize land aridity based on surface energy partitioning regimes. Environmental Research Letters, 2022, 17, 034008.	5.2	3
15	Assessment of 24 soil moisture datasets using a new in situ network in the Shandian River Basin of China. Remote Sensing of Environment, 2022, 271, 112891.	11.0	47
16	Global and Regional Evaluation of the CERES Edition-4A Surface Solar Radiation and Its Uncertainty Quantification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2971-2985.	4.9	2
17	Atmospheric simulation-based precipitation datasets outperform satellite-based products in closing basin-wide water budget in the eastern Tibetan Plateau. International Journal of Climatology, 2022, 42, 7252-7268.	3.5	11
18	Mapping long-term and high-resolution global gridded photosynthetically active radiation using the ISCCP H-series cloud product and reanalysis data. Earth System Science Data, 2022, 14, 2007-2019.	9.9	2

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19	An optimal approach for crack extraction from UAV sub-images after cutting. International Journal of Remote Sensing, 2022, 43, 2638-2659.	2.9	4
20	Improving long-term impervious surface percentage mapping in mountainous areas based on multi-source remote sensing data. Geocarto International, 2022, 37, 12943-12965.	3.5	3
21	Temporal and Spatial Effects of Urbanization on Regional Thermal Comfort. Land, 2022, 11, 688.	2.9	3
22	Domino effect of a natural cascade alpine lake system on the Third Pole. , 2022, 1, .		12
23	Bias correction of satellite soil moisture through data assimilation. Journal of Hydrology, 2022, 610, 127947.	5.4	6
24	Vegetation dynamics and their relationships with climatic factors in the “Golden Triangle” region. Environmental Science and Pollution Research, 2022, 29, 73029-73042.	5.3	2
25	A PCA-LSTM-Based Method for Fault Diagnosis and Data Recovery of Dry-Type Transformer Temperature Monitoring Sensor. Applied Sciences (Switzerland), 2022, 12, 5624.	2.5	4
26	Satellite-Based Assessment of Meteorological and Agricultural Drought in Mainland Southeast Asia. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 6180-6189.	4.9	4
27	Spatial performance of multiple reanalysis precipitation datasets on the southern slope of central Himalaya. Atmospheric Research, 2021, 250, 105365.	4.1	86
28	Global evaluation of terrestrial near-surface air temperature and specific humidity retrievals from the Atmospheric Infrared Sounder (AIRS). Remote Sensing of Environment, 2021, 252, 112146.	11.0	15
29	Investigation on the recovery of gold from pretreated cyanide tailings using chlorination leaching process. Separation Science and Technology, 2021, 56, 45-53.	2.5	8
30	Surface friction contrast between water body and land enhances precipitation downwind of a large lake in Tibet. Climate Dynamics, 2021, 56, 2113-2126.	3.8	10
31	Hierarchical MnCo ₂ O ₄ nanowire@NiFe layered double hydroxide nanosheet heterostructures on Ni foam for overall water splitting. CrystEngComm, 2021, 23, 7141-7150.	2.6	8
32	Response of downstream lakes to Aru glacier collapses on the western Tibetan Plateau. Cryosphere, 2021, 15, 199-214.	3.9	11
33	Added value of kilometer-scale modeling over the third pole region: a CORDEX-CPTP pilot study. Climate Dynamics, 2021, 57, 1673-1687.	3.8	60
34	How Accurate Are Satellite-Derived Surface Solar Radiation Products over Tropical Oceans?. Journal of Atmospheric and Oceanic Technology, 2021, 38, 283-291.	1.3	4
35	Significant Land Contributions to Interannual Predictability of East Asian Summer Monsoon Rainfall. Earth's Future, 2021, 9, e2020EF001762.	6.3	18
36	The South Asia Monsoon Break Promotes Grass Growth on the Tibetan Plateau. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005951.	3.0	15

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37	High-performance textile piezoelectric pressure sensor with novel structural hierarchy based on ZnO nanorods array for wearable application. Nano Research, 2021, 14, 3969-3976.	10.4	66
38	Does ERA5 outperform satellite products in estimating atmospheric downward longwave radiation at the surface?. Atmospheric Research, 2021, 252, 105453.	4.1	45
39	Temporal and spatial analysis of COVID-19 transmission in China and its influencing factors. International Journal of Infectious Diseases, 2021, 105, 675-685.	3.3	66
40	Moisture source variations for summer rainfall in different intensity classes over Huaihe River Valley, China. Climate Dynamics, 2021, 57, 1121-1133.	3.8	8
41	Impact of climate warming on the surface water temperature of plateau lake. Acta Geophysica, 2021, 69, 895-907.	2.0	3
42	A long term global daily soil moisture dataset derived from AMSR-E and AMSR2 (2002–2019). Scientific Data, 2021, 8, 143.	5.3	44
43	Characterizing Uncertainties in Ground “Truth” of Precipitation Over Complex Terrain Through High-Resolution Numerical Modeling. Geophysical Research Letters, 2021, 48, e2020GL091950.	4.0	13
44	Local changes in snow depth dominate the evolving pattern of elevation-dependent warming on the Tibetan Plateau. Science Bulletin, 2021, 66, 1146-1150.	9.0	49
45	Contrasting hydrological and thermal intensities determine seasonal lake-level variations – a case study at Paiku Co on the southern Tibetan Plateau. Hydrology and Earth System Sciences, 2021, 25, 3163-3177.	4.9	12
46	A downscaling approach for constructing high-resolution precipitation dataset over the Tibetan Plateau from ERA5 reanalysis. Atmospheric Research, 2021, 256, 105574.	4.1	53
47	A new finding on the prevalence of rapid water warming during lake ice melting on the Tibetan Plateau. Science Bulletin, 2021, 66, 2358-2361.	9.0	25
48	Impact of Initialized Land Surface Temperature and Snowpack on Subseasonal to Seasonal Prediction Project, Phase I (LS4P-I): organization and experimental design. Geoscientific Model Development, 2021, 14, 4465-4494.	3.6	31
49	Global Reach-Level 3-Hourly River Flood Reanalysis (1980–2019). Bulletin of the American Meteorological Society, 2021, 102, E2086-E2105.	3.3	25
50	Estimating canopy surface height of wheat and corn crops in reclaimed cropland using multispectral images from a small unmanned aircraft system. Journal of Applied Remote Sensing, 2021, 15, .	1.3	1
51	Meteorological and hydrological droughts in Mekong River Basin and surrounding areas under climate change. Journal of Hydrology: Regional Studies, 2021, 36, 100873.	2.4	22
52	Influence of organic matter on soil hydrothermal processes in the Tibetan Plateau: Observation and parameterization. Journal of Hydrometeorology, 2021, , .	1.9	10
53	Impact of urban expansion on vegetation: The case of China (2000–2018). Journal of Environmental Management, 2021, 291, 112598.	7.8	51
54	Characterizing the features of precipitation for the Tibetan Plateau among four gridded datasets: Detection accuracy and spatio-temporal variabilities. Atmospheric Research, 2021, 264, 105875.	4.1	36

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55	Summer afternoon precipitation associated with wind convergence near the Himalayan glacier fronts. <i>Atmospheric Research</i> , 2021, 259, 105658.	4.1	10
56	Land-surface evapotranspiration derived from a first-principles primary production model. <i>Environmental Research Letters</i> , 2021, 16, 104047.	5.2	13
57	A first assessment of satellite and reanalysis estimates of surface and root-zone soil moisture over the permafrost region of Qinghai-Tibet Plateau. <i>Remote Sensing of Environment</i> , 2021, 265, 112666.	11.0	64
58	Precipitation events impact on urban lake surface water temperature under the perspective of macroscopic scale. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16767-16780.	5.3	7
59	Global Patterns of Vegetation Response to Short-Term Surface Water Availability. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 8273-8286.	4.9	4
60	Mechanisms of the decadal variability of monsoon rainfall in the southern Tibetan Plateau. <i>Environmental Research Letters</i> , 2021, 16, 014011.	5.2	39
61	Improving Land Surface Temperature Simulation of NOAH-MP on the Tibetan Plateau. , 2021, , .		1
62	Hydrological characteristics and changes in the Nu-Salween River basin revealed with model-based reconstructed data. <i>Journal of Mountain Science</i> , 2021, 18, 2982-3002.	2.0	6
63	Linkage between anomalies of pre-summer thawing of frozen soil over the Tibetan Plateau and summer precipitation in East Asia. <i>Environmental Research Letters</i> , 2021, 16, 114030.	5.2	6
64	Representation of Stony Surfaceâ€ˆAtmosphere Interactions in WRF Reduces Cold and Wet Biases for the Southern Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035291.	3.3	11
65	The Expansion Dynamics and Modes of Impervious Surfaces in the Guangdong-Hong Kong-Macau Bay Area, China. <i>Land</i> , 2021, 10, 1167.	2.9	4
66	The International Soil Moisture Network: serving Earth system science for over a decade. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5749-5804.	4.9	116
67	Hollow CoS<i>_x</i> Nanoparticles Grown on FeCo-LDH Microtubes for Enhanced Electrocatalytic Performances for the Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2021, 4, 12211-12223.	5.1	14
68	Investigation of near-global daytime boundary layer height using high-resolution radiosondes: first results and comparison with ERA5, MERRA-2, JRA-55, and NCEP-2 reanalyses. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17079-17097.	4.9	99
69	Assessment of the Ecological Impacts of Coal Mining and Restoration in Alpine Areas: A Case Study of the Muli Coalfield on the Qinghai-Tibet Plateau. <i>IEEE Access</i> , 2021, 9, 162919-162934.	4.2	6
70	Hyperspectral Image Classification Based on CNN with Spectral-Spatial features. , 2021, , .		2
71	Multi-Source Hydrological Data Products to Monitor High Asian River Basins and Regional Water Security. <i>Remote Sensing</i> , 2021, 13, 5122.	4.0	3
72	Satellite data reveal southwestern Tibetan plateau cooling since 2001 due to snowâ€ˆalbedo feedback. <i>International Journal of Climatology</i> , 2020, 40, 1644-1655.	3.5	31

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73	Synergy of orographic drag parameterization and high resolution greatly reduces biases of WRF-simulated precipitation in central Himalaya. <i>Climate Dynamics</i> , 2020, 54, 1729-1740.	3.8	67
74	High-resolution retrieval of cloud microphysical properties and surface solar radiation using Himawari-8/AHI next-generation geostationary satellite. <i>Remote Sensing of Environment</i> , 2020, 239, 111583.	11.0	106
75	Land-surface processes and summer-cloud-precipitation characteristics in the Tibetan Plateau and their effects on downstream weather: a review and perspective. <i>National Science Review</i> , 2020, 7, 500-515.	9.5	82
76	Representing the Heat-to-Moisture Transport Efficiency in Stable Conditions: An Extension of Two Different Approaches. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2020, 56, 603-611.	2.3	1
77	Spatial-temporal variations in urbanization in Kunming and their impact on urban lake water quality. <i>Land Degradation and Development</i> , 2020, 31, 1392-1407.	3.9	37
78	Distinct temperature changes between north and south sides of central-eastern Himalayas since 1970s. <i>International Journal of Climatology</i> , 2020, 40, 4300-4308.	3.5	4
79	Characterizing precipitation in high altitudes of the western Tibetan plateau with a focus on major glacier areas. <i>International Journal of Climatology</i> , 2020, 40, 5114-5127.	3.5	63
80	Progress and Challenges in Studying Regional Permafrost in the Tibetan Plateau Using Satellite Remote Sensing and Models. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	17
81	Climate change, vegetation history, and landscape responses on the Tibetan Plateau during the Holocene: A comprehensive review. <i>Quaternary Science Reviews</i> , 2020, 243, 106444.	3.0	180
82	Sensitivity of soil freeze/thaw dynamics to environmental conditions at different spatial scales in the central Tibetan Plateau. <i>Science of the Total Environment</i> , 2020, 734, 139261.	8.0	18
83	Human activities and the natural environment have induced changes in the PM2.5 concentrations in Yunnan Province, China, over the past 19 years. <i>Environmental Pollution</i> , 2020, 265, 114878.	7.5	24
84	Evaluation of GPM-Era Satellite Precipitation Products on the Southern Slopes of the Central Himalayas Against Rain Gauge Data. <i>Remote Sensing</i> , 2020, 12, 1836.	4.0	62
85	Simulation of summer precipitation diurnal cycles over the Tibetan Plateau at the gray-zone grid spacing for cumulus parameterization. <i>Climate Dynamics</i> , 2020, 54, 3525-3539.	3.8	75
86	Characterizing Surface Albedo of Shallow Fresh Snow and Its Importance for Snow Ablation on the Interior of the Tibetan Plateau. <i>Journal of Hydrometeorology</i> , 2020, 21, 815-827.	1.9	41
87	Community Integrated Earth System Model (CIESM): Description and Evaluation. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002036.	3.8	44
88	Organic geochemical characteristics of bark coal in Changguang area: evidence from aromatic hydrocarbons. <i>International Journal of Coal Science and Technology</i> , 2020, 7, 288-298.	6.0	2
89	A review of the estimation of downward surface shortwave radiation based on satellite data: Methods, progress and problems. <i>Science China Earth Sciences</i> , 2020, 63, 774-789.	5.2	30
90	Response of Tibetan Plateau lakes to climate change: Trends, patterns, and mechanisms. <i>Earth-Science Reviews</i> , 2020, 208, 103269.	9.1	259

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91	Analysis on driving factors of lake surface water temperature for major lakes in Yunnan-Guizhou Plateau. <i>Water Research</i> , 2020, 184, 116018.	11.3	72
92	Ground-based Observations Reveal Unique Valley Precipitation Patterns in the Central Himalaya. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031502.	3.3	26
93	Effects of Sodium Peroxide Additives on Dielectric Properties and Microwave Roasting Mechanism of Zinc Sulfide Concentrate. <i>Jom</i> , 2020, 72, 1920-1926.	1.9	5
94	Comparative Proteomics Profiling Illuminates the Fruitlet Abscission Mechanism of Sweet Cherry as Induced by Embryo Abortion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1200.	4.1	14
95	Centrifuge modeling of the pile foundation reinforcement on slopes subjected to uneven settlement. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 2647-2658.	3.5	10
96	The first high-resolution meteorological forcing dataset for land process studies over China. <i>Scientific Data</i> , 2020, 7, 25.	5.3	712
97	Estimation of Surface Shortwave Radiation From Himawari-8 Satellite Data Based on a Combination of Radiative Transfer and Deep Neural Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 5304-5316.	6.3	43
98	Method development for estimating soil organic carbon content in an alpine region using soil moisture data. <i>Science China Earth Sciences</i> , 2020, 63, 591-601.	5.2	7
99	Discharge Estimates for Ungauged Rivers Flowing over Complex High-Mountainous Regions based Solely on Remote Sensing-Derived Datasets. <i>Remote Sensing</i> , 2020, 12, 1064.	4.0	12
100	Development of a daily soil moisture product for the period of 2002–2011 in Chinese mainland. <i>Science China Earth Sciences</i> , 2020, 63, 1113-1125.	5.2	40
101	Why Has the Inner Tibetan Plateau Become Wetter since the Mid-1990s?. <i>Journal of Climate</i> , 2020, 33, 8507-8522.	3.2	115
102	Last-decade progress in understanding and modeling the land surface processes on the Tibetan Plateau. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 5745-5758.	4.9	28
103	Soil Moisture Retrieval Only Using Smap L-Band Radar Observations. , 2020, , .		0
104	Design of a multi-scale query platform for China's PM2.5 Concentration. , 2020, , .		0
105	Spatial Clustering of Gastrointestinal Diseases in Middle-aged and Elderly Chinese Based on Cross-sectional Data. , 2020, , .		0
106	Impacts of Large-Area Impervious Surfaces on Regional Land Surface Temperature in the Great Pearl River Delta, China. <i>Journal of the Indian Society of Remote Sensing</i> , 2019, 47, 1831-1845.	2.4	6
107	Development and Evaluation of an Ensemble-Based Data Assimilation System for Regional Reanalysis Over the Tibetan Plateau and Surrounding Regions. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2503-2522.	3.8	31
108	Revisiting Recent Elevation-Dependent Warming on the Tibetan Plateau Using Satellite-Based Data Sets. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 8511-8521.	3.3	54

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109	Dependence of remote sensing accuracy of global horizontal irradiance at different scales on satellite sampling frequency. <i>Solar Energy</i> , 2019, 193, 597-603.	6.1	16
110	Evaluation of snow depth and snow cover over the Tibetan Plateau in global reanalyses using in situ and satellite remote sensing observations. <i>Cryosphere</i> , 2019, 13, 2221-2239.	3.9	144
111	Enhancing SWOT discharge assimilation through spatiotemporal correlations. <i>Remote Sensing of Environment</i> , 2019, 234, 111450.	11.0	14
112	Estimating surface solar irradiance from satellites: Past, present, and future perspectives. <i>Remote Sensing of Environment</i> , 2019, 233, 111371.	11.0	109
113	Dynamical impact of parameterized turbulent orographic form drag on the simulation of winter precipitation over the western Tibetan Plateau. <i>Climate Dynamics</i> , 2019, 53, 707-720.	3.8	37
114	Improving Land Surface Temperature Simulation in CoLM Over the Tibetan Plateau Through Fractional Vegetation Cover Derived From a Remotely Sensed Clumping Index and Model-Simulated Leaf Area Index. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2620-2642.	3.3	18
115	GIS-Based Rapid Disaster Loss Assessment for Earthquakes. <i>IEEE Access</i> , 2019, 7, 6129-6139.	4.2	11
116	Evaluation of Three Satellite-Based Precipitation Products Over the Lower Mekong River Basin Using Rain Gauge Observations and Hydrological Modeling. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 2357-2373.	4.9	13
117	Extreme Lake Level Changes on the Tibetan Plateau Associated With the 2015/2016 El Niño. <i>Geophysical Research Letters</i> , 2019, 46, 5889-5898.	4.0	75
118	Spatial-Temporal Variation of Lake Surface Water Temperature and Its Driving Factors in Yunnan-Guizhou Plateau. <i>Water Resources Research</i> , 2019, 55, 4688-4703.	4.2	108
119	The Formation of a Dry-Belt in the North Side of Central Himalaya Mountains. <i>Geophysical Research Letters</i> , 2019, 46, 2993-3000.	4.0	13
120	Small UAV-based multi-temporal change detection for monitoring cultivated land cover changes in mountainous terrain. <i>Remote Sensing Letters</i> , 2019, 10, 573-582.	1.4	12
121	Protocols for miRNA Target Prediction in Plants. <i>Methods in Molecular Biology</i> , 2019, 1970, 65-73.	0.9	3
122	Evaluating and Improving the Performance of Three Lake Models in a Large Deep Lake of the Central Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3143-3167.	3.3	49
123	Diff isomiRs: Large-scale detection of differential isomiRs for understanding non-coding regulated stress omics in plants. <i>Scientific Reports</i> , 2019, 9, 1406.	3.3	9
124	A Framework of Improving Satellite Precipitation Products by Utilizing Soil Moisture and Temperature Information. , 2019, , .		0
125	Comparison of the Winter Precipitation Products Over the Tibetan Plateau. , 2019, , .		1
126	A time-series analysis of urbanization-induced impervious surface area extent in the Dianchi Lake watershed from 1988-2017. <i>International Journal of Remote Sensing</i> , 2019, 40, 573-592.	2.9	41

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127	Simulating Arctic 2-m air temperature and its linear trends using the HIRHAM5 regional climate model. <i>Atmospheric Research</i> , 2019, 217, 137-149.	4.1	5
128	Regional differences of lake evolution across China during 1960s–2015 and its natural and anthropogenic causes. <i>Remote Sensing of Environment</i> , 2019, 221, 386-404.	11.0	252
129	Recent Third Pole’s Rapid Warming Accompanies Cryospheric Melt and Water Cycle Intensification and Interactions between Monsoon and Environment: Multidisciplinary Approach with Observations, Modeling, and Analysis. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 423-444.	3.3	590
130	A 16-year dataset (2000–2015) of high-resolution (3°h, 10°km) global surface solar radiation. <i>Earth System Science Data</i> , 2019, 11, 1905-1915.	9.9	69
131	Changing spring phenology dates in the Three-Rivers Headwater Region of the Tibetan Plateau during 1960–2013. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 116-126.	4.3	10
132	Daily air temperature estimation on glacier surfaces in the Tibetan Plateau using MODIS LST data. <i>Journal of Glaciology</i> , 2018, 64, 132-147.	2.2	28
133	Hierarchical Bayesian space-time estimation of monthly maximum and minimum surface air temperature. <i>Remote Sensing of Environment</i> , 2018, 211, 48-58.	11.0	31
134	Impact of model resolution on simulating the water vapor transport through the central Himalayas: implication for models’ wet bias over the Tibetan Plateau. <i>Climate Dynamics</i> , 2018, 51, 3195-3207.	3.8	117
135	First Effort for Constructing a Direct Solar Radiation Data Set in China for Solar Energy Applications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1724-1734.	3.3	19
136	Quantifying recent precipitation change and predicting lake expansion in the Inner Tibetan Plateau. <i>Climatic Change</i> , 2018, 147, 149-163.	3.6	82
137	Spatial and temporal variations in the relationship between lake water surface temperatures and water quality - A case study of Dianchi Lake. <i>Science of the Total Environment</i> , 2018, 624, 859-871.	8.0	184
138	Tibetan Plateau Impacts on Global Dust Transport in the Upper Troposphere. <i>Journal of Climate</i> , 2018, 31, 4745-4756.	3.2	40
139	Implementation of a turbulent orographic form drag scheme in WRF and its application to the Tibetan Plateau. <i>Climate Dynamics</i> , 2018, 50, 2443-2455.	3.8	48
140	Method for the Large-Scale Identification of phasiRNAs in <i>Brachypodium distachyon</i> . <i>Methods in Molecular Biology</i> , 2018, 1667, 187-194.	0.9	5
141	Impact of summer monsoon on the elevation-dependence of meteorological variables in the south of central Himalaya. <i>International Journal of Climatology</i> , 2018, 38, 1748-1759.	3.5	28
142	Very-high-cycle fatigue crack initiation and propagation behaviours of magnesium alloy ZK60. <i>Materials Science and Technology</i> , 2018, 34, 639-647.	1.6	14
143	Assessing the impacts of an ecological water diversion project on water consumption through high-resolution estimations of actual evapotranspiration in the downstream regions of the Heihe River Basin, China. <i>Agricultural and Forest Meteorology</i> , 2018, 249, 210-227.	4.8	45
144	The widening urbanization gap between the Three Northeast Provinces and the Yangtze River Delta under China’s economic reform from 1984 to 2014. <i>International Journal of Sustainable Development and World Ecology</i> , 2018, 25, 262-275.	5.9	13

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145	Cyclic Deformation and Correspondent Crack Initiation at Low-Stress Amplitudes in Mg-Gd-Y-Zr Alloy. <i>Materials</i> , 2018, 11, 2429.	2.9	4
146	A Numerical Observability Analysis Method for Combined Electric-Gas Networks. , 2018, , .		0
147	Remote Sensing Image Registration with Multiple Features and Parameter Optimization. , 2018, , .		0
148	Remote Sensing Image Registration Based on Fuzzy Shape Context Feature and Local Space Vector Similarity Constraint. , 2018, , .		0
149	Connections Between a Late Summer Snowstorm Over the Southwestern Tibetan Plateau and a Concurrent Indian Monsoon Low-Pressure System. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,676.	3.3	13
150	High-Resolution Land Surface Modeling of Hydrological Changes Over the Sanjiangyuan Region in the Eastern Tibetan Plateau: 1. Model Development and Evaluation. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 2806-2828.	3.8	43
151	Assessment of Runoff Components Simulated by GLDAS against UNH-GRDC Dataset at Global and Hemispheric Scales. <i>Water (Switzerland)</i> , 2018, 10, 969.	2.7	16
152	Regional disparities in warm season rainfall changes over arid eastern-central Asia. <i>Scientific Reports</i> , 2018, 8, 13051.	3.3	14
153	Landslide and Debris Flow Hazard Risk Analysis and Assessment in Yunnan Province. , 2018, , .		0
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155	The Evaluation of SMAP Enhanced Soil Moisture Products Using High-Resolution Model Simulations and In-Situ Observations on the Tibetan Plateau. <i>Remote Sensing</i> , 2018, 10, 535.	4.0	37
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