Peijun Shi

List of Publications by Year in descending order

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265	11,245	39113 52	46524 93
papers	citations	h-index	g-index

274	274	274	12443
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolution of future precipitation extremes: Viewpoint of climate change classification. International Journal of Climatology, 2022, 42, 1220-1230.	1.5	12
2	A warming climate may reduce health risks of hypoxia on the Qinghai-Tibet Plateau. Science Bulletin, 2022, 67, 341-344.	4.3	10
3	Reducing livestock snow disaster risk in the Qinghaiâ€“Tibetan Plateau due to warming and socioeconomic development. Science of the Total Environment, 2022, 813, 151869.	3.9	11
4	Interannual variation of gross primary production detected from optimal convolutional neural network at multiâ€timescale water stress. Remote Sensing in Ecology and Conservation, 2022, 8, 409-425.	2.2	7
5	Spatiotemporal variation in global floods with different affected areas and the contribution of influencing factors to flood-induced mortality (1985â€“2019). Natural Hazards, 2022, 111, 2601-2625.	1.6	12
6	Substantial increase of compound droughts and heatwaves in wheat growing seasons worldwide. International Journal of Climatology, 2022, 42, 5038-5054.	1.5	24
7	Accelerated exacerbation of global extreme heatwaves under warming scenarios. International Journal of Climatology, 2022, 42, 5430-5441.	1.5	5
8	Rapid urbanization induced daily maximum wind speed decline in metropolitan areas: A case study in the Yangtze River Delta (China). Urban Climate, 2022, 43, 101147.	2.4	12
9	Increased probability and severity of compound dry and hot growing seasons over world's major croplands. Science of the Total Environment, 2022, 824, 153885.	3.9	19
10	Carbon Emission Risk and Governance. International Journal of Disaster Risk Science, 2022, 13, 249-260.	1.3	10
11	Measuring Compound Soil Erosion by Wind and Water in the Eastern Agroâ€“Pastoral Ecotone of Northern China. Sustainability, 2022, 14, 6272.	1.6	3
12	Uncertainties of soil organic carbon stock estimation caused by paleoclimate and human footprint on the Qinghai Plateau. Carbon Balance and Management, 2022, 17, .	1.4	6
13	Vulnerability to typhoons: A comparison of consequence and driving factors between Typhoon Hato (2017) and Typhoon Mangkhut (2018). Science of the Total Environment, 2022, 838, 156476.	3.9	8
14	Webâ€Based Data to Quantify Meteorological and Geographical Effects on Heat Stroke: Case Study in China. GeoHealth, 2022, 6, .	1.9	3
15	Targeted poverty alleviation through photovoltaic-based intervention: Rhetoric and reality in Qinghai, China. World Development, 2021, 137, 105117.	2.6	44
16	Decreasing wheat yield stability on the North China Plain: Relative contributions from climate change in mean and variability. International Journal of Climatology, 2021, 41, E2820.	1.5	11
17	Extreme sea levels along coastal China: uncertainties and implications. Stochastic Environmental Research and Risk Assessment, 2021, 35, 405-418.	1.9	6
18	å†è®ºé•è—é«˜åŽŸè¿'åœ°è¡¨å§æ°”ç›¸å¯¹æ°§å«é‡å½±å“å›ç´ çš„è´¡çŒ®çŽ‡. Chinese Science Bulletin, 2021, , .	0.4	4

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19	Uneven Warming Likely Contributed to Declining Nearâ€Surface Wind Speeds in Northern China Between 1961 and 2016. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033637.	1.2	10
20	Coordination and Cooperation are Essential: A Call for a Global Network to Enhance Integrated Human Health Risk Resilience Based on Chinaâ€™s COVID-19 Pandemic Coping Practice. International Journal of Disaster Risk Science, 2021, 12, 593-599.	1.3	5
21	Factors contributing to spatialâ€“temporal variations of observed oxygen concentration over the Qinghai-Tibetan Plateau. Scientific Reports, 2021, 11, 17338.	1.6	18
22	Future climate change significantly alters interannual wheat yield variability over half of harvested areas. Environmental Research Letters, 2021, 16, 094045.	2.2	33
23	Dual Roles of Water Availability in Forest Vigor: A Multiperspective Analysis in China. Remote Sensing, 2021, 13, 91.	1.8	4
24	Retaining Relative Height Information: An Enhanced Technique for Depression Treatment in Digital Elevation Models. Water (Switzerland), 2021, 13, 3347.	1.2	2
25	Flood Risk Assessment of Metro System Using Improved Trapezoidal Fuzzy AHP: A Case Study of Guangzhou. Remote Sensing, 2021, 13, 5154.	1.8	14
26	A Global Analysis of the Relationship Between Urbanization and Fatalities in Earthquake-Prone Areas. International Journal of Disaster Risk Science, 2021, 12, 805-820.	1.3	10
27	Coastal flood risks in China through the 21st century â€“ An application of DIVA. Science of the Total Environment, 2020, 704, 135311.	3.9	52
28	Intensive Versus Extensive Events? Insights from Cumulative Flood-Induced Mortality Over the Globe, 1976â€“2016. International Journal of Disaster Risk Science, 2020, 11, 441-451.	1.3	17
29	Disaster Risk Science: A Geographical Perspective and a Research Framework. International Journal of Disaster Risk Science, 2020, 11, 426-440.	1.3	58
30	Editorial Note on the 10-Year Anniversary of the International Journal of Disaster Risk Science: A Thank You Letter. International Journal of Disaster Risk Science, 2020, 11, 411-413.	1.3	2
31	Desertification Control Practices in China. Sustainability, 2020, 12, 3258.	1.6	52
32	Quantifying livestock vulnerability to snow disasters in the Tibetan Plateau: Comparing different modeling techniques for prediction. International Journal of Disaster Risk Reduction, 2020, 48, 101578.	1.8	16
33	An observational study of the effects of aerosols on diurnal variation of heavy rainfall and associated clouds over Beijingâ€“Tianjinâ€“Hebei. Atmospheric Chemistry and Physics, 2020, 20, 5211-5229.	1.9	30
34	Asymmetric impacts of dryness and wetness on tree growth and forest coverage. Agricultural and Forest Meteorology, 2020, 288-289, 107980.	1.9	13
35	Advancing landscape sustainability science: theoretical foundation and synergies with innovations in methodology, design, and application. Landscape Ecology, 2020, 35, 1-9.	1.9	35
36	Dust storm susceptibility on different land surface types in arid and semiarid regions of northern China. Atmospheric Research, 2020, 243, 105031.	1.8	27

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37	Variability of Daily Maximum Wind Speed across China, 1975â€“2016: An Examination of Likely Causes. Journal of Climate, 2020, 33, 2793-2816.	1.2	31
38	Cities: build networks and share plans to emerge stronger from COVID-19. Nature, 2020, 584, 517-520.	13.7	47
39	Aerodynamic grainâ€size distribution of blown sand. Sedimentology, 2019, 66, 590-603.	1.6	20
40	Variability of winter haze over the Beijing-Tianjin-Hebei region tied to wind speed in the lower troposphere and particulate sources. Atmospheric Research, 2019, 215, 1-11.	1.8	48
41	Quantitative Multi-Hazard Risk Assessment of Crop Loss in the Yangtze River Delta Region of China. Sustainability, 2019, 11, 922.	1.6	10
42	Impacts of climate warming, cultivar shifts, and phenological dates on rice growth period length in China after correction for seasonal shift effects. Climatic Change, 2019, 155, 127-143.	1.7	28
43	Converging Effects of Shrubs on Shadow Dune Formation and Sand Trapping. Journal of Geophysical Research F: Earth Surface, 2019, 124, 1835-1853.	1.0	17
44	Integrated Disaster Risk Governance. IHDP/Future Earth-integrated Risk Governance Project Series, 2019, , 635-753.	0.2	0
45	Disaster Formation Process. IHDP/Future Earth-integrated Risk Governance Project Series, 2019, , 97-164.	0.2	0
46	Disaster Risk Science. IHDP/Future Earth-integrated Risk Governance Project Series, 2019, , .	0.2	5
47	Disaster Emergency Management and Response. IHDP/Future Earth-integrated Risk Governance Project Series, 2019, , 541-634.	0.2	0
48	Event-based probabilistic risk assessment of livestock snow disasters in the Qinghaiâ€“Tibetan Plateau. Natural Hazards and Earth System Sciences, 2019, 19, 697-713.	1.5	5
49	An experimental study on the influences of water erosion on wind erosion in arid and semi-arid regions. Journal of Arid Land, 2019, 11, 208-216.	0.9	6
50	Impact of near-surface wind speed variability on wind erosion in the eastern agro-pastoral transitional zone of Northern China, 1982â€“2016. Agricultural and Forest Meteorology, 2019, 271, 102-115.	1.9	57
51	Projecting impacts of climate change on global terrestrial ecoregions. Ecological Indicators, 2019, 103, 114-123.	2.6	32
52	Cropland yield divergence over Africa and its implication for mitigating food insecurity. Mitigation and Adaptation Strategies for Global Change, 2019, 24, 707-734.	1.0	4
53	Multisource data based agricultural drought monitoring and agricultural loss in China. Global and Planetary Change, 2019, 172, 298-306.	1.6	74
54	Impact of urbanization on hourly precipitation in Beijing, China: Spatiotemporal patterns and causes. Global and Planetary Change, 2019, 172, 307-324.	1.6	39

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55	How earthquake-induced direct economic losses change with earthquake magnitude, asset value, residential building structural type and physical environment: An elasticity perspective. Journal of Environmental Management, 2019, 231, 321-328.	3.8	23
56	Sea ice centrifugal desalination based on microwave heating. Desalination, 2019, 449, 1-5.	4.0	11
57	Footprints of Atlantic Multidecadal Oscillation in the Low-Frequency Variation of Extreme High Temperature in the Northern Hemisphere. Journal of Climate, 2019, 32, 791-802.	1.2	30
58	Integrated Disaster Risk Governance. IHDP/Future Earth-integrated Risk Governance Project Series, 2019, , 635-751.	0.2	1
59	Disaster Emergency Management and Response. IHDP/Future Earth-integrated Risk Governance Project Series, 2019, , 541-634.	0.2	0
60	Spatial Vulnerability of Network Systems under Spatially Local Hazards. Risk Analysis, 2019, 39, 162-179.	1.5	7
61	Disaster Risk Assessment. IHDP/Future Earth-integrated Risk Governance Project Series, 2019, , 227-329.	0.2	1
62	Factors contribution to oxygen concentration in Qinghai-Tibetan Plateau. Chinese Science Bulletin, 2019, 64, 715-724.	0.4	13
63	Disaster Risk Regionalization. IHDP/Future Earth-integrated Risk Governance Project Series, 2019, , 423-489.	0.2	0
64	Spatiotemporal patterns, relationships, and drivers of Chinaâ€™s agricultural ecosystem services from 1980 to 2010: a multiscale analysis. Landscape Ecology, 2018, 33, 575-595.	1.9	18
65	Tropical Cyclonic Rainfall in China: Changing Properties, Seasonality, and Causes. Journal of Geophysical Research D: Atmospheres, 2018, 123, 4476-4489.	1.2	31
66	The Tsinghuaâ€“Lancet Commission on Healthy Cities in China: unlocking the power of cities for a healthy China. Lancet, The, 2018, 391, 2140-2184.	6.3	155
67	How did the urban land in floodplains distribute and expand in China from 1992â€“2015?. Environmental Research Letters, 2018, 13, 034018.	2.2	51
68	Spatial pattern and influencing factors of landslide casualty events. Journal of Chinese Geography, 2018, 28, 259-274.	1.5	22
69	Nonparametric Integrated Agrometeorological Drought Monitoring: Model Development and Application. Journal of Geophysical Research D: Atmospheres, 2018, 123, 73-88.	1.2	48
70	Adaptive behaviors can improve the system consilience of a network system. Adaptive Behavior, 2018, 26, 3-19.	1.1	0
71	The Impact of Tropical Cyclones on Extreme Precipitation over Coastal and Inland Areas of China and Its Association to ENSO. Journal of Climate, 2018, 31, 1865-1880.	1.2	78
72	Is the Pearl River basin, China, drying or wetting? Seasonal variations, causes and implications. Global and Planetary Change, 2018, 166, 48-61.	1.6	18

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73	Nonstationarities and At-site Probabilistic Forecasts of Seasonal Precipitation in the East River Basin, China. International Journal of Disaster Risk Science, 2018, 9, 100-115.	1.3	7
74	River flow modelling: comparison of performance and evaluation of uncertainty using data-driven models and conceptual hydrological model. Stochastic Environmental Research and Risk Assessment, 2018, 32, 2667-2682.	1.9	31
75	Development of an Asset Value Map for Disaster Risk Assessment in China by Spatial Disaggregation Using Ancillary Remote Sensing Data. Risk Analysis, 2018, 38, 17-30.	1.5	34
76	Separating out the influence of climatic trend, fluctuations, and extreme events on crop yield: a case study in Hunan Province, China. Climate Dynamics, 2018, 51, 4469-4487.	1.7	14
77	Vegetation phenology on the Qinghai-Tibetan Plateau and its response to climate change (1982â€“2013). Agricultural and Forest Meteorology, 2018, 248, 408-417.	1.9	134
78	Evaluation of ecological instream flow considering hydrological alterations in the Yellow River basin, China. Global and Planetary Change, 2018, 160, 61-74.	1.6	76
79	Spatiotemporal Changes of Hazard Intensity-Adjusted Population Exposure to Multiple Hazards in Tibet During 1982â€“2015. International Journal of Disaster Risk Science, 2018, 9, 541-554.	1.3	5
80	Shift of daily rainfall peaks over the Beijingâ€“Tianjinâ€“Hebei region: An indication of pollutant effects?. International Journal of Climatology, 2018, 38, 5010-5019.	1.5	7
81	Quantifying the impact of diet quality on hunger and undernutrition. Journal of Cleaner Production, 2018, 205, 432-446.	4.6	8
82	Fourteen Actions and Six Proposals for Science and Technology-Based Disaster Risk Reduction in Asia. International Journal of Disaster Risk Science, 2018, 9, 275-279.	1.3	6
83	More frequent flooding? Changes in flood frequency in the Pearl River basin, China, since 1951 and over the past 1000 years. Hydrology and Earth System Sciences, 2018, 22, 2637-2653.	1.9	33
84	Evaluation of Remotely Sensed and Reanalysis Soil Moisture Against In Situ Observations on the Himalayanâ€Tibetan Plateau. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7132-7148.	1.2	40
85	Flood-induced mortality across the globe: Spatiotemporal pattern and influencing factors. Science of the Total Environment, 2018, 643, 171-182.	3.9	156
86	Public perception and responses to environmental pollution and health risks: evaluation and implication from a national survey in China. Journal of Risk Research, 2017, 20, 347-365.	1.4	22
87	Nonstationarity in timing of extreme precipitation across China and impact of tropical cyclones. Global and Planetary Change, 2017, 149, 153-165.	1.6	34
88	Spatiotemporal patterns of annual and seasonal precipitation extreme distributions across China and potential impact of tropical cyclones. International Journal of Climatology, 2017, 37, 3949-3962.	1.5	34
89	Spatial-temporal changes of coastal and marine disasters risks and impacts in Mainland China. Ocean and Coastal Management, 2017, 139, 125-140.	2.0	80
90	Impact of tropical cyclones on flood risk in southeastern China: Spatial patterns, causes and implications. Global and Planetary Change, 2017, 150, 81-93.	1.6	34

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91	Response of vegetation to different time-scales drought across China: Spatiotemporal patterns, causes and implications. Global and Planetary Change, 2017, 152, 1-11.	1.6	168
92	Spatioâ€temporal variation of dryness/wetness across the Pearl River basin, China, and relation to climate indices. International Journal of Climatology, 2017, 37, 318-332.	1.5	24
93	Changes in magnitude and frequency of heavy precipitation across China and its potential links to summer temperature. Journal of Hydrology, 2017, 547, 718-731.	2.3	71
94	A snow-free vegetation index for improved monitoring of vegetation spring green-up date in deciduous ecosystems. Remote Sensing of Environment, 2017, 196, 1-12.	4.6	102
95	Hydrological effects of cropland and climatic changes in arid and semi-arid river basins: A case study from the Yellow River basin, China. Journal of Hydrology, 2017, 549, 547-557.	2.3	41
96	Urbanization and air quality as major drivers of altered spatiotemporal patterns of heavy rainfall in China. Landscape Ecology, 2017, 32, 1723-1738.	1.9	28
97	Variations of dryness/wetness across China: Changing properties, drought risks, and causes. Global and Planetary Change, 2017, 155, 1-12.	1.6	38
98	Global and regional changes in exposure to extreme heat and the relative contributions of climate and population change. Scientific Reports, 2017, 7, 43909.	1.6	79
99	Nonâ€stationarities in the occurrence rate of heavy precipitation across China and its relationship to climate teleconnection patterns. International Journal of Climatology, 2017, 37, 4186-4198.	1.5	29
100	Hydrological response to large-scale climate variability across the Pearl River basin, China: Spatiotemporal patterns and sensitivity. Global and Planetary Change, 2017, 149, 1-13.	1.6	10
101	Contribution of multiple climatic variables and human activities to streamflow changes across China. Journal of Hydrology, 2017, 545, 145-162.	2.3	134
102	Spatial downscaling of <scp>TRMM</scp>â€based precipitation data using vegetative response in Xinjiang, China. International Journal of Climatology, 2017, 37, 3895-3909.	1.5	48
103	Hydrological responses to climatic changes in the Yellow River basin, China: Climatic elasticity and streamflow prediction. Journal of Hydrology, 2017, 554, 635-645.	2.3	55
104	High liabilities or heavy subsidies. China Agricultural Economic Review, 2017, 9, 588-606.	1.8	14
105	Timing of floods in southeastern China: Seasonal properties and potential causes. Journal of Hydrology, 2017, 552, 732-744.	2.3	23
106	ENSO-induced drought hazards and wet spells and related agricultural losses across Anhui province, China. Natural Hazards, 2017, 89, 963-983.	1.6	24
107	Towards Quantitatively Understanding the Complexity of Social-Ecological Systemsâ€"From Connection to Consilience. International Journal of Disaster Risk Science, 2017, 8, 343-356.	1.3	4
108	Nonstationarity and clustering of flood characteristics and relations with the climate indices in the Poyang Lake basin, China. Hydrological Sciences Journal, 2017, 62, 1809-1824.	1.2	18

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109	Health and Risks: Integrating Health into Disaster Risk Reduction, Risk Communication, and Building Resilient Communities. International Journal of Disaster Risk Science, 2017, 8, 107-108.	1.3	7
110	Green Development and Integrated Risk Governance. International Journal of Disaster Risk Science, 2017, 8, 231-233.	1.3	1
111	An experimental study on the influences of wind erosion on water erosion. Journal of Arid Land, 2017, 9, 580-590.	0.9	6
112	Seasonal vegetation response to climate change in the Northern Hemisphere (1982â€“2013). Global and Planetary Change, 2017, 148, 1-8.	1.6	129
113	A Conversion Method to Determine the Regional Vegetation Cover Factor from Standard Plots Based on Large Sample Theory and TM Images: A Case Study in the Eastern Farming-Pasture Ecotone of Northern China. Remote Sensing, 2017, 9, 1035.	1.8	11
114	Multisource Dataâ€Based Integrated Agricultural Drought Monitoring in the Huai River Basin, China. Journal of Geophysical Research D: Atmospheres, 2017, 122, 10,751.	1.2	38
115	Perspectives of Science and Technology in Disaster Risk Reduction of Asia. International Journal of Disaster Risk Science, 2016, 7, 329-342.	1.3	26
116	How ENSO affects maize yields in China: understanding the impact mechanisms using a process-based crop model. International Journal of Climatology, 2016, 36, 424-438.	1.5	27
117	Mapping Global Mortality and Affected Population Risks for Multiple Natural Hazards. International Journal of Disaster Risk Science, 2016, 7, 54-62.	1.3	29
118	Government Investment in Disaster Risk Reduction Based on a Probabilistic Risk Model: A Case Study of Typhoon Disasters in Shenzhen, China. International Journal of Disaster Risk Science, 2016, 7, 123-137.	1.3	14
119	A New Method for Resource Allocation Optimization in Disaster Reduction and Risk Governance. International Journal of Disaster Risk Science, 2016, 7, 138-150.	1.3	10
120	World Regionalization of Climate Change (1961â€“2010). International Journal of Disaster Risk Science, 2016, 7, 216-226.	1.3	10
121	Mapping and ranking global mortality, affected population and GDP loss risks for multiple climatic hazards. Journal of Chinese Geography, 2016, 26, 878-888.	1.5	13
122	Will China be the first to initiate climate engineering?. Earth's Future, 2016, 4, 588-595.	2.4	27
123	Temporal clustering of floods and impacts of climate indices in the Tarim River basin, China. Global and Planetary Change, 2016, 147, 12-24.	1.6	17
124	Factors Affecting Farmersâ€™ Crop Insurance Participation in China. Canadian Journal of Agricultural Economics, 2016, 64, 479-492.	1.2	24
125	Contribution of climatic and technological factors to crop yield: empirical evidence from late paddy rice in Hunan Province, China. Stochastic Environmental Research and Risk Assessment, 2016, 30, 2019-2030.	1.9	12
126	Reply to 'Emission effects of the Chinese-Russian gas deal'. Nature Climate Change, 2016, 6, 114-115.	8.1	2

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127	The spatial exposure of the Chinese infrastructure system to flooding and drought hazards. Natural Hazards, 2016, 80, 1083-1118.	1.6	23
128	Droughts in China. IHDP/Future Earth-integrated Risk Governance Project Series, 2016, , 161-186.	0.2	1
129	Desertification and Blown Sand Disaster in China. Journal of Agricultural Science and Technology A, 2016, 6, .	0.2	2
130	Ageâ€dependent forest carbon sink: Estimation via inverse modeling. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 2473-2492.	1.3	48
131	Is Yield Increase Sufficient to Achieve Food Security in China?. PLoS ONE, 2015, 10, e0116430.	1.1	35
132	The alleviating trend of drought in the Huangâ€Huaiâ€Hai Plain of China based on the daily <scp>SPEI</scp>. International Journal of Climatology, 2015, 35, 3760-3769.	1.5	115
133	Morphology, spatial pattern and sediment of Nitraria tangutorum nebkhas in barchans interdune areas at the southeast margin of the Badain Jaran Desert, China. Geomorphology, 2015, 232, 182-192.	1.1	11
134	Quantitative multi-hazard risk assessment with vulnerability surface and hazard joint return period. Stochastic Environmental Research and Risk Assessment, 2015, 29, 35-44.	1.9	53
135	Quantifying the impact of impervious surface location on flood peak discharge in urban areas. Natural Hazards, 2015, 76, 1457-1471.	1.6	113
136	A dual effect of urban expansion on flood risk in the Pearl River Delta (China) revealed by land-use scenarios and direct runoff simulation. Natural Hazards, 2015, 77, 111-128.	1.6	70
137	Mapping the expected annual fatality risk of volcano on a global scale. International Journal of Disaster Risk Reduction, 2015, 13, 52-60.	1.8	14
138	World Atlas of Natural Disaster Risk. IHDP/Future Earth-integrated Risk Governance Project Series, 2015, , 309-323.	0.2	10
139	The role of maximum wind speed in sand-transporting events. Geomorphology, 2015, 238, 177-186.	1.1	17
140	Simulating the impact of flooding events on non-point source pollution and the effects of filter strips in an intensive agricultural watershed in China. Limnology, 2015, 16, 91-101.	0.8	19
141	The measurement of wind erosion through field survey and remote sensing: a case study of the Mu Us Desert, China. Natural Hazards, 2015, 76, 1497-1514.	1.6	16
142	ENSOâ€“climate fluctuationâ€“crop yield early warning systemâ€”A case study in Jilin and Liaoning Province in Northeast China. Physics and Chemistry of the Earth, 2015, 87-88, 10-18.	1.2	7
143	Impacts of the global economic crisis and Tohoku earthquake on Sinoâ€“Japan trade: a comparative perspective. Natural Hazards, 2015, 75, 541-556.	1.6	10
144	Performance of detrending models of crop yield risk assessment: evaluation on real and hypothetical yield data. Stochastic Environmental Research and Risk Assessment, 2015, 29, 109-117.	1.9	28

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145	Mapping Cold Wave Risk of the World. IHDP/Future Earth-integrated Risk Governance Project Series, 2015, , 189-207.	0.2	10
146	Mapping Heat Wave Risk of the World. IHDP/Future Earth-integrated Risk Governance Project Series, 2015, , 169-188.	0.2	7
147	A Severe Air Pollution Event from Field Burning of Agricultural Residues in Beijing, China. Aerosol and Air Quality Research, 2015, 15, 2525-2536.	0.9	6
148	The Relationship between Urban Sprawl and Farmland Displacement in the Pearl River Delta, China. Land, 2014, 3, 34-51.	1.2	45
149	Climate change regionalization in China (1961â€“2010). Science China Earth Sciences, 2014, 57, 2676-2689.	2.3	86
150	An elevation difference model for building height extraction from stereo-image-derived DSMs. International Journal of Remote Sensing, 2014, 35, 7614-7630.	1.3	22
151	Assessment and Mapping of Potential Storm Surge Impacts on Global Population and Economy. International Journal of Disaster Risk Science, 2014, 5, 323-331.	1.3	31
152	Post-Disaster Recovery and Economic Impact of Catastrophes in China. Earthquake Spectra, 2014, 30, 1825-1846.	1.6	10
153	Local Spatial and Temporal Factors Influencing Population and Societal Vulnerability to Natural Disasters. Risk Analysis, 2014, 34, 614-639.	1.5	113
154	Modeling the impacts of drying trend scenarios on land systems in northern China using an integrated SD and CA model. Science China Earth Sciences, 2014, 57, 839-854.	2.3	31
155	Assessing urban environmental resources and services of Shenzhen, China: A landscape-based approach for urban planning and sustainability. Landscape and Urban Planning, 2014, 125, 290-297.	3.4	38
156	Spatiotemporal changes of global extreme temperature events (ETEs) since 1981 and the meteorological causes. Natural Hazards, 2014, 70, 975-994.	1.6	24
157	Wind regime and sand transport in the corridor between the Badain Jaran and Tengger deserts, central Alxa Plateau, China. Aeolian Research, 2014, 12, 143-156.	1.1	40
158	Benchmark wealth capital stock estimations across China's 344 prefectures: 1978 to 2012. China Economic Review, 2014, 31, 288-302.	2.1	52
159	Chinaâ€“Russia gas deal for a cleaner China. Nature Climate Change, 2014, 4, 940-942.	8.1	18
160	Diagnosis of Vegetation Recovery in Mountainous Regions After the Wenchuan Earthquake. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3029-3037.	2.3	41
161	GEPIC-V-R model: A GIS-based tool for regional crop drought risk assessment. Agricultural Water Management, 2014, 144, 107-119.	2.4	56
162	Incorporating Triggering and Environmental Factors in the Analysis of Earthquake-Induced Landslide Hazards. International Journal of Disaster Risk Science, 2014, 5, 125-135.	1.3	23

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163	Temperature variations and rice yields in China: historical contributions and future trends. Climatic Change, 2014, 124, 777-789.	1.7	75
164	Collaborative modellingâ€based shelter planning analysis: a case study of the Nagata Elementary School Community in Kobe City, Japan. Disasters, 2014, 38, 125-147.	1.1	11
165	Simulating the impact of watershed management for surface water quality protection: A case study on reducing inorganic nitrogen load at a watershed scale. Ecological Engineering, 2014, 62, 61-70.	1.6	47
166	River discharge, land use change, and surface water quality in the Xiangjiang River, China. Hydrological Processes, 2014, 28, 4130-4140.	1.1	26
167	Global warming over 1960â€“2009 did increase heat stress and reduce cold stress in the major rice-planting areas across China. European Journal of Agronomy, 2014, 59, 49-56.	1.9	65
168	Society: Realizing China's urban dream. Nature, 2014, 509, 158-160.	13.7	925
169	Increasing concentrations of aerosols offset the benefits of climate warming on rice yields during 1980â€“2008 in Jiangsu Province, China. Regional Environmental Change, 2013, 13, 287-297.	1.4	30
170	Assessment of social vulnerability to natural hazards in the Yangtze River Delta, China. Stochastic Environmental Research and Risk Assessment, 2013, 27, 1899-1908.	1.9	75
171	Modeling the urban landscape dynamics in a megalopolitan cluster area by incorporating a gravitational field model with cellular automata. Landscape and Urban Planning, 2013, 113, 78-89.	3.4	70
172	Spatial downscaling of TRMM precipitation data based on the orographical effect and meteorological conditions in a mountainous area. Advances in Water Resources, 2013, 61, 42-50.	1.7	93
173	Improving change vector analysis by cross-correlogram spectral matching for accurate detection of land-cover conversion. International Journal of Remote Sensing, 2013, 34, 1127-1145.	1.3	21
174	Measuring social vulnerability to natural hazards in the Yangtze River Delta region, China. International Journal of Disaster Risk Science, 2013, 4, 169-181.	1.3	193
175	Nonsteady state carbon sequestration in forest ecosystems of China estimated by data assimilation. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 1369-1384.	1.3	24
176	Detecting land use-water quality relationships from the viewpoint of ecological restoration in an urban area. Ecological Engineering, 2013, 53, 205-216.	1.6	73
177	Analysis of dry/wet conditions using the standardized precipitation index and its potential usefulness for drought/flood monitoring in Hunan Province, China. Stochastic Environmental Research and Risk Assessment, 2013, 27, 377-387.	1.9	171
178	Using MODIS NDVI Time Series to Identify Geographic Patterns of Landslides in Vegetated Regions. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 707-710.	1.4	62
179	A stereo image matching method to improve the DSM accuracy inside building boundaries. Canadian Journal of Remote Sensing, 2013, 39, 308-317.	1.1	4
180	Identifying Landslides Using Binary Logistic Regression and Landslide Detection Index. , 2013, , 781-789.		2

#	Article	IF	Citations
181	Experience, Lessons and Recommendations of Chinaâ€™s Response to Sleet & Snow Disaster in South. IHDP-integrated Risk Governance Project Series, 2013, , 89-118.	0.1	1
182	Agricultural irrigation impacts on land surface parameters detected from satellite data products in Northern China. , 2012, , .		0
183	Developed and developing world responsibilities for historical climate change and CO ₂ mitigation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12911-12915.	3.3	115
184	Maize drought disaster risk assessment of China based on EPIC model. International Journal of Digital Earth, 2012, 5, 488-515.	1.6	47
185	Chinaâ€™s drought disaster risk management: Perspective of severe droughts in 2009â€“2010. International Journal of Disaster Risk Science, 2012, 3, 84-97.	1.3	56
186	On the role of government in integrated disaster risk governanceâ€”Based on practices in China. International Journal of Disaster Risk Science, 2012, 3, 139-146.	1.3	48
187	Development of a gridded dataset of annual irrigation water withdrawal in China. , 2012, , .		1
188	Landscape Urbanization and Economic Growth in China: Positive Feedbacks and Sustainability Dilemmas. Environmental Science & Technology, 2012, 46, 132-139.	4.6	363
189	Ecological restoration planning based on connectivity in an urban area. Ecological Engineering, 2012, 46, 24-33.	1.6	67
190	Are People Willing to Buy Natural Disaster Insurance in China? Risk Awareness, Insurance Acceptance, and Willingness to Pay. Risk Analysis, 2012, 32, 1717-1740.	1.5	58
191	Debris flow and landslide hazard mapping and risk analysis in China. Frontiers of Earth Science, 2012, 6, 306-313.	0.9	17
192	Living with global climate diversityâ€”suggestions on international governance for coping with climate change risk. International Journal of Disaster Risk Science, 2012, 3, 177-184.	1.3	12
193	Regional indirect economic impact evaluation of the 2008 Wenchuan Earthquake. Environmental Earth Sciences, 2012, 65, 161-172.	1.3	81
194	Water quality changes in the world's first special economic zone, Shenzhen, China. Water Resources Research, 2011, 47, .	1.7	28
195	Rapid Urbanization and Implications for River Ecological Services Restoration: Case Study in Shenzhen, China. Journal of the Urban Planning and Development Division, ASCE, 2011, 137, 121-132.	0.8	49
196	Detecting land-use/land-cover change in ruralâ€“urban fringe areas using extended change-vector analysis. International Journal of Applied Earth Observation and Geoinformation, 2011, 13, 572-585.	1.4	70
197	Simulation of the spatial stress due to urban expansion on the wetlands in Beijing, China using a GIS-based assessment model. Landscape and Urban Planning, 2011, 101, 269-277.	3.4	47
198	Precipitation change and human impacts on hydrologic variables in Zhengshui River Basin, China. Stochastic Environmental Research and Risk Assessment, 2011, 25, 1013-1025.	1.9	36

#	Article	IF	Citations
199	Haiti 2010 earthquakeâ€"How to explain such huge losses?. International Journal of Disaster Risk Science, 2011, 2, 25-33.	1.3	50
200	The 2011 eastern Japan great earthquake disaster: Overview and comments. International Journal of Disaster Risk Science, 2011, 2, 34-42.	1.3	208
201	Response to a high-altitude earthquake: The Yushu Earthquake example. International Journal of Disaster Risk Science, 2011, 2, 43-53.	1.3	13
202	Agriculture insurance in China: History, experience, and lessons learned. International Journal of Disaster Risk Science, 2011, 2, 10-22.	1.3	42
203	Natural factors influencing blown sand hazards in Beijing. International Journal of Disaster Risk Science, 2011, 2, 23-31.	1.3	8
204	Forest ecosystem restoration due to a national conservation plan in China. Ecological Engineering, 2011, 37, 1387-1397.	1.6	80
205	Spatial patterns of ecosystem carbon residence time in Chinese forests. Science China Earth Sciences, 2010, 53, 1229-1240.	2.3	17
206	Characterizing the flush of stream chemical runoff from forested watersheds. Hydrological Processes, 2010, 24, 2960-2970.	1.1	17
207	Surface water quality and its control in a river with intensive human impactsâ€"a case study of the Xiangjiang River, China. Journal of Environmental Management, 2010, 91, 2483-2490.	3.8	86
208	Evaluating the eclogical condition in Shenzhen city, China, using a quantitative model. , 2010, , .		0
209	Automated building change detection using UltraCamD images and existing CAD data. International Journal of Remote Sensing, 2010, 31, 1505-1517.	1.3	12
210	Considering Data Uncertainty in Species Sensitivity Distribution for Ecological Risk Assessment of Chemicals. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
211	Improving the normalized difference built-up index to map urban built-up areas using a semiautomatic segmentation approach. Remote Sensing Letters, 2010, 1, 213-221.	0.6	249
212	Deriving an Ecological Risk Assessment Criterion Concentration for Populations with Seasonal Variation: Reconsidering and Improving the Algorithm. , 2009, , .		0
213	Spatial patterns in temperature sensitivity of soil respiration in China: Estimation with inverse modeling. Science in China Series C: Life Sciences, 2009, 52, 982-989.	1.3	10
214	Modelling net primary productivity of terrestrial ecosystems in East Asia based on an improved CASA ecosystem model. International Journal of Remote Sensing, 2009, 30, 4851-4866.	1.3	111
215	Global pattern of temperature sensitivity of soil heterotrophic respiration (Q₁₀) and its implications for carbonâ€climate feedback. Journal of Geophysical Research, 2009, 114, .	3.3	201
216	The regionalization of urban natural disasters in China. Natural Hazards, 2008, 44, 169-179.	1.6	37

#	Article	IF	Citations
217	Towards integrated disaster risk management: case studies and trends from Asia. Natural Hazards, 2008, 44, 163-168.	1.6	50
218	Estimation of soil organic carbon based on remote sensing and process model. Frontiers of Forestry in China: Selected Publications From Chinese Universities, 2008, 3, 139-147.	0.2	16
219	Baseflow concentrations of nitrogen and phosphorus in forested headwaters in Japan. Science of the Total Environment, 2008, 402, 113-122.	3.9	26
220	Modelling dynamic urban expansion processes incorporating a potential model with cellular automata. Landscape and Urban Planning, 2008, 86, 79-91.	3.4	215
221	Seasonal changes of nitrate concentrations in baseflow headwaters of coniferous forests in Japan: A significant indicator for N saturation. Catena, 2008, 76, 63-69.	2.2	9
222	Research on Earth-Surface Interaction Mechanism, Process and Dynamics of Human-Earth System: Case Study on the Geographic Belt Transect from Shenzhen in Guangdong Province to Bayanhaote in Inner Mongolia Province of China. Annals of GIS, 2008, 14, 1-11.	1.4	0
223	Study on Phenology Character of Winter Wheat by Modis-Evi Data in Hebei China. , 2008, , .		1
224	Study of Impact of Urbanization on Phenology using Multisource Satellite Data. , 2008, , .		0
225	Distinguishing the impacts of land use and arid process on natural potential productivity of cultivated land in the north farming pastoral zone of China. , 2008, , .		0
226	Validation of MODIS land surface temperature product as a drought indicator in China. , 2007, , .		0
227	Reducing Vulnerability to Severe Water Shortage in Northeast China: Using Satellite Remote Sensing to Determine the Extent of Bohai Sea Ice Reserves. Water International, 2007, 32, 483-493.	0.4	6
228	Disaster risk management: Pro-active financing to reduce vulnerability. Environmental Hazards, 2007, 7, 1-6.	1.4	9
229	Correlation analysis of Normalized Different Vegetation Index (NDVI) difference series and climate variables in the Xilingole steppe, China from 1983 to 1999. Frontiers of Biology in China: Selected Publications From Chinese Universities, 2007, 2, 218-228.	0.2	8
230	An Automatic Method for Matching 2D ADS40 Images onto a 3D Surface Model. Annals of GIS, 2006, 12, 92-97.	1.4	0
231	Modeling urban expansion scenarios by coupling cellular automata model and system dynamic model in Beijing, China. Applied Geography, 2006, 26, 323-345.	1.7	241
232	Theoretical analysis of a remotely measurable soil evaporation transfer coefficient. Remote Sensing of Environment, 2006, 101, 390-398.	4.6	50
233	Restoring urbanization process in China in the 1990s by using non-radiance-calibrated DMSP/OLS nighttime light imagery and statistical data. Science Bulletin, 2006, 51, 1614-1620.	1.7	141
234	The urbanization process of Bohai Rim in the 1990s by using DMSP/OLS data. Journal of Chinese Geography, 2006, 16, 174-182.	1.5	16

#	Article	IF	Citations
235	Pollution Control: In China's Huai River Basin: What Lessons for Sustainability?. Environment, 2006, 48, 22-38.	0.8	253
236	A New Method for Linear Ill-Posed Problems: Iteration Method by Rectifying Eigenvalue. Lecture Notes in Computer Science, 2005, , 331-338.	1.0	0
237	Regularization regression based on real coded genetic algorithms. , 2005, 6045, 283.		0
238	Measurement of ecological capital of Chinese terrestrial ecosystem based on remote sensing. Science in China Series D: Earth Sciences, 2005, 48, 786-796.	0.9	23
239	Developing land use scenario dynamics model by the integration of system dynamics model and cellular automata model. Science in China Series D: Earth Sciences, 2005, 48, 1979-1989.	0.9	78
240	Comparing soil organic carbon dynamics in plantation and secondary forest in wet tropics in Puerto Rico. Global Change Biology, 2005, 11, 239-248.	4.2	98
241	Modelling scenarios of land use change in northern China in the next 50 years. Journal of Chinese Geography, 2005, 15, 177-186.	1.5	5
242	Detection of Recently Constructed Multiâ€storey Buildings Using SPOT Panchromatic and Landsat TM/ETM+ Data. Geocarto International, 2005, 20, 3-13.	1.7	5
243	Integrated Risk Management of Flood Disasters in Metropolitan Areas of China. International Journal of Water Resources Development, 2005, 21, 613-627.	1.2	32
244	Wind erosion research in China: past, present and future. Progress in Physical Geography, 2004, 28, 366-386.	1.4	75
245	Evolving core-periphery interactions in a rapidly expanding urban landscape: The case of Beijing. Landscape Ecology, 2004, 19, 375-388.	1.9	36
246	Interannual variations of the grassland boundaries bordering the eastern edges of the Gobi Desert in central Asia. International Journal of Remote Sensing, 2004, 25, 327-346.	1.3	49
247	USING THE 137CS TECHNIQUE TO ESTIMATE WIND EROSION IN GONGHE BASIN, QINGHAI PROVINCE, CHINA. Soil Science, 2004, 169, 295-305.	0.9	11
248	Land Use Pattern Adjustment under Ecological Security: Look for Secure Land Use Pattern in China. Geographical Review of Japan, 2004, 77, 866-882.	0.1	6
249	Response of seasonal vegetation development to climatic variations in eastern central Asia. Remote Sensing of Environment, 2003, 87, 42-54.	4.6	284
250	An estimation model for daily regional evapotranspiration. International Journal of Remote Sensing, 2003, 24, 199-205.	1.3	8
251	Palynological records of environmental changes in the middle part of Inner Mongolia, China. Science Bulletin, 2003, 48, 1433.	1.7	41
252	An IHS-based change detection approach for assessment of urban expansion impact on arable land loss in China. International Journal of Remote Sensing, 2003, 24, 1353-1360.	1.3	22

#	Article	IF	Citations
253	Land-Use/Land-Cover Change Detection Using Improved Change-Vector Analysis. Photogrammetric Engineering and Remote Sensing, 2003, 69, 369-379.	0.3	278
254	Fractional vegetation cover estimation based on satellite-sensed land classification. , 2003, , .		1
255	Theoretical Analysis and Experimental Verification of a Remotely Measurable Plant Transpiration Transfer Coefficient. Japan Agricultural Research Quarterly, 2003, 37, 141-149.	0.1	9
256	137Cs dating of lacustrine sediments and human impacts on Dalian Lake, Qinghai Province, China. Catena, 2002, 47, 91-99.	2.2	31
257	Comparison of the Three-Temperature Model and Conventional Models for Estimating Transpiration. Japan Agricultural Research Quarterly, 2002, 36, 73-82.	0.1	25
258	Responses of vegetation structure and primary production of a forest transect in eastern China to global change. Global Ecology and Biogeography, 2002, 11, 223-236.	2.7	16
259	Understanding of Natural Disaster Database Design and Compilation of Digital Atlas of Natural Disasters in China. Annals of GIS, 2000, 6, 153-158.	1.4	5
260	Climatic Change, Natural Disasters of Agriculture and Grain Yields in China during the Past 15 Years. J Agricultural Meteorology, 1997, 52, 923-934.	0.8	1
261	Comparison of two vegetation classification techniques in China based on NOAA/AVHRR data and climate-vegetation indices of the Holdridge life zone. , 0, , .		0
262	Zoning grassland protection area by using remote sensing and cellular automata model with a case study in Xilingol "typical steppe" grassland in Northern China. , 0, , .		1
263	Variability of the phenological stages of winter wheat in the North China Plain with NOAA/AVHRR NDVI data (1982-2000). , 0, , .		0
264	Regional optimizing management on degraded grassland based on ecological risk assessment. , 0, , .		0
265	Farmersâ€™ crop insurance perception and participation decisions: empirical evidence from Hunan, China. Journal of Risk Research, 0, , 1-14.	1.4	8