

# Shuai Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

147  
papers

9,654  
citations

66343

42  
h-index

40979

93  
g-index

151  
all docs

151  
docs citations

151  
times ranked

5774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Threshold of vapourâ€‘pressure deficit constraint on light use efficiency varied with soil water content. <i>Ecohydrology</i> , 2022, 15, e2305.	2.4	6
2	Response of net reduction rate in vegetation carbon uptake to climate change across a unique gradient zone on the Tibetan Plateau. <i>Environmental Research</i> , 2022, 203, 111894.	7.5	20
3	Enhanced coupling of light use efficiency and water use efficiency in arid and semiâ€‘arid environments. <i>Ecohydrology</i> , 2022, 15, e2391.	2.4	5
4	Response to concerns about the African fire trends controlled by precipitation over recent decades. <i>Global Change Biology</i> , 2022, 28, .	9.5	0
5	Divergent change patterns observed in hydrological fluxes entering China's two largest lakes. <i>Science of the Total Environment</i> , 2022, 817, 152969.	8.0	3
6	Ecological restoration intensifies evapotranspiration in the Kubuqi Desert. <i>Ecological Engineering</i> , 2022, 175, 106504.	3.6	15
7	Evaluation of ecosystem resilience to drought based on drought intensity and recovery time. <i>Agricultural and Forest Meteorology</i> , 2022, 314, 108809.	4.8	34
8	Untangling the interactions among the Sustainable Development Goals in China. <i>Science Bulletin</i> , 2022, 67, 977-984.	9.0	55
9	Finding pathways to synergistic development of Sustainable Development Goals in China. <i>Humanities and Social Sciences Communications</i> , 2022, 9, .	2.9	28
10	Elevation dependence of climate effects on ecosystem multifunctionality states over the Qinghai-Tibet Plateau. <i>Global Ecology and Conservation</i> , 2022, , e02066.	2.1	2
11	Bundling regions for promoting Sustainable Development Goals. <i>Environmental Research Letters</i> , 2022, 17, 044021.	5.2	12
12	Trends and attribution analysis of modelled evapotranspiration on the Tibetan Plateau. <i>Hydrological Processes</i> , 2022, 36, .	2.6	3
13	Effects of land use patterns on slope soil water in the semiarid Loess Plateau, China. <i>Journal of Chinese Geography</i> , 2022, 32, 701-716.	3.9	3
14	Decoupling of SDGs followed by re-coupling as sustainable development progresses. <i>Nature Sustainability</i> , 2022, 5, 452-459.	23.7	107
15	The trend shift caused by ecological restoration accelerates the vegetation greening of Chinaâ€™s drylands since the 1980s. <i>Environmental Research Letters</i> , 2022, 17, 044062.	5.2	17
16	Suitability evaluation of potential arable land in the Mediterranean region. <i>Journal of Environmental Management</i> , 2022, 313, 115011.	7.8	10
17	Sustainable city development challenged by extreme weather in a warming world. <i>Geography and Sustainability</i> , 2022, 3, 114-118.	4.3	6
18	Coupling human and natural systems for sustainability: experience from China's Loess Plateau. <i>Earth System Dynamics</i> , 2022, 13, 795-808.	7.1	48

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19	Mapping the complexity of the food-energy-water nexus from the lens of Sustainable Development Goals in China. <i>Resources, Conservation and Recycling</i> , 2022, 183, 106357.	10.8	36
20	Decreased virtual water outflows from the Yellow River basin are increasingly critical to China. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2035-2044.	4.9	1
21	The vulnerability of ecosystem structure in the semi-arid area revealed by the functional trait networks. <i>Ecological Indicators</i> , 2022, 139, 108894.	6.3	6
22	Spatio-temporal patterns of oasis dynamics in China's drylands between 1987 and 2017. <i>Environmental Research Letters</i> , 2022, 17, 064044.	5.2	11
23	Does having more sustainable communities bring better sustainability?. <i>Innovation(China)</i> , 2022, 3, 100267.	9.1	1
24	Divergent trends of ecosystem-scale photosynthetic efficiency between arid and humid lands across the globe. <i>Global Ecology and Biogeography</i> , 2022, 31, 1824-1837.	5.8	10
25	Effects of biochar and 3,4-dimethylpyrazole phosphate (DMPP) on soil ammonia-oxidizing bacteria and nosZ-N <sub>2</sub> O reducers in the mitigation of N <sub>2</sub> O emissions from paddy soils. <i>Journal of Soils and Sediments</i> , 2021, 21, 1089-1098.	3.0	8
26	Responses and feedbacks of African dryland ecosystems to environmental changes. <i>Current Opinion in Environmental Sustainability</i> , 2021, 48, 29-35.	6.3	16
27	Improve forest restoration initiatives to meet Sustainable Development Goal 15. <i>Nature Ecology and Evolution</i> , 2021, 5, 10-13.	7.8	69
28	Integrating vegetation suitability in sustainable revegetation for the Loess Plateau, China. <i>Science of the Total Environment</i> , 2021, 759, 143572.	8.0	30
29	Improving representation of collective memory in socio-hydrological models and new insights into flood risk management. <i>Journal of Flood Risk Management</i> , 2021, 14, e12679.	3.3	15
30	Detecting land degradation in Southern Africa using Time Series Segment and Residual Trend (TSS-RESTREND). <i>Journal of Arid Environments</i> , 2021, 184, 104314.	2.4	14
31	Quantifying responses of net primary productivity to agricultural expansion in drylands. <i>Land Degradation and Development</i> , 2021, 32, 2050-2060.	3.9	13
32	A coupled human-natural system analysis of water yield in the Yellow River basin, China. <i>Science of the Total Environment</i> , 2021, 762, 143141.	8.0	30
33	Achieving a fit between social and ecological systems in drylands for sustainability. <i>Current Opinion in Environmental Sustainability</i> , 2021, 48, 53-58.	6.3	16
34	Do Fallow Season Cover Crops Increase N <sub>2</sub> O or CH <sub>4</sub> Emission from Paddy Soils in the Mono-Rice Cropping System?. <i>Agronomy</i> , 2021, 11, 199.	3.0	10
35	Multilevel analysis of factors affecting participants' land reconversion willingness after the Grain for Green Program. <i>Ambio</i> , 2021, 50, 1394-1403.	5.5	12
36	Adopting "Difference-in-Differences" Method to Monitor Crop Response to Agrometeorological Hazards with Satellite Data: A Case Study of Dry-Hot Wind. <i>Remote Sensing</i> , 2021, 13, 482.	4.0	8

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37	Rapid increase of potential evapotranspiration weakens the effect of precipitation on aridity in global drylands. <i>Journal of Arid Environments</i> , 2021, 186, 104414.	2.4	19
38	Spatial variation and influencing factors of the effectiveness of afforestation in China's Loess Plateau. <i>Science of the Total Environment</i> , 2021, 771, 144904.	8.0	36
39	Response of vegetation to drought in the Tibetan Plateau: Elevation differentiation and the dominant factors. <i>Agricultural and Forest Meteorology</i> , 2021, 306, 108468.	4.8	47
40	Is the runoff coefficient increasing or decreasing after ecological restoration on China's Loess Plateau?. <i>International Soil and Water Conservation Research</i> , 2021, 9, 333-343.	6.5	30
41	Runoff sensitivity increases with land use/cover change contributing to runoff decline across the middle reaches of the Yellow River basin. <i>Journal of Hydrology</i> , 2021, 600, 126536.	5.4	16
42	Potential of Chamomile recutita Plant Material to Inhibit Urease Activity and Reduce NH <sub>3</sub> Volatilization in Two Agricultural Soils. <i>Atmosphere</i> , 2021, 12, 1223.	2.3	2
43	Integrating multiple influencing factors in evaluating the socioeconomic effects of payments for ecosystem services. <i>Ecosystem Services</i> , 2021, 51, 101348.	5.4	22
44	Inconsistent changes in NPP and LAI determined from the parabolic LAI versus NPP relationship. <i>Ecological Indicators</i> , 2021, 131, 108134.	6.3	24
45	Drivers and impacts of changes in China's drylands. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 858-873.	29.7	255
46	Representation of biodiversity and ecosystem services in East Africa's protected area network. <i>Ambio</i> , 2020, 49, 245-257.	5.5	18
47	Frequency analyses of peak discharge and suspended sediment concentration in the United States. <i>Journal of Soils and Sediments</i> , 2020, 20, 1157-1168.	3.0	15
48	Estimation of Global Grassland Net Ecosystem Carbon Exchange Using a Model Tree Ensemble Approach. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005034.	3.0	16
49	A retrospective analysis on changes in sediment flux in the Mississippi River system: trends, driving forces, and implications. <i>Journal of Soils and Sediments</i> , 2020, 20, 1719-1729.	3.0	15
50	Ecosystem service provision of grain legume and cereal intercropping in Africa. <i>Agricultural Systems</i> , 2020, 178, 102761.	6.1	49
51	Evolution and effects of the social-ecological system over a millennium in China's Loess Plateau. <i>Science Advances</i> , 2020, 6, .	10.3	105
52	Identifying priority biophysical indicators for promoting food-energy-water nexus within planetary boundaries. <i>Resources, Conservation and Recycling</i> , 2020, 163, 105102.	10.8	19
53	A Synthesizing Land-cover Classification Method Based on Google Earth Engine: A Case Study in Nzhelele and Levhuvu Catchments, South Africa. <i>Chinese Geographical Science</i> , 2020, 30, 397-409.	3.0	27
54	A multiple importance-satisfaction analysis framework for the sustainable management of protected areas: Integrating ecosystem services and basic needs. <i>Ecosystem Services</i> , 2020, 46, 101219.	5.4	30

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55	Reversal of the sediment load increase in the Amazon basin influenced by divergent trends of sediment transport from the Solimões and Madeira Rivers. <i>Catena</i> , 2020, 195, 104804.	5.0	12
56	Sediment transport under increasing anthropogenic stress: Regime shifts within the Yellow River, China. <i>Ambio</i> , 2020, 49, 2015-2025.	5.5	10
57	Classification“coordination“collaboration: a systems approach for advancing Sustainable Development Goals. <i>National Science Review</i> , 2020, 7, 838-840.	9.5	60
58	Socioeconomic impacts of a protected area in China: An assessment from rural communities of Qianjiangyuan National Park Pilot. <i>Land Use Policy</i> , 2020, 99, 104849.	5.6	24
59	Comparison between tourists’s™ and inhabitants’s™ willingness to pay for nature in the Tibetan Plateau. <i>Journal of Cleaner Production</i> , 2020, 255, 120219.	9.3	17
60	Survey of Community Livelihoods and Landscape Change along the Nzhelele and Levuvhu River Catchments in Limpopo Province, South Africa. <i>Land</i> , 2020, 9, 91.	2.9	11
61	Nonlinear dynamics of fires in Africa over recent decades controlled by precipitation. <i>Global Change Biology</i> , 2020, 26, 4495-4505.	9.5	34
62	Alignment of social and ecological structures increased the ability of river management. <i>Science Bulletin</i> , 2019, 64, 1318-1324.	9.0	27
63	Yellow River water rebalanced by human regulation. <i>Scientific Reports</i> , 2019, 9, 9707.	3.3	53
64	Structure Disentanglement and Effect Analysis of the Arid Riverscape Social-Ecological System Using a Network Approach. <i>Sustainability</i> , 2019, 11, 5159.	3.2	0
65	Landscape functional zoning at a county level based on ecosystem services bundle: Methods comparison and management indication. <i>Journal of Environmental Management</i> , 2019, 249, 109315.	7.8	74
66	Slower vegetation greening faced faster social development on the landscape of the Belt and Road region. <i>Science of the Total Environment</i> , 2019, 697, 134103.	8.0	20
67	Pathways from payments for ecosystem services program to socioeconomic outcomes. <i>Ecosystem Services</i> , 2019, 39, 101005.	5.4	29
68	Socio-ecological changes on the Loess Plateau of China after Grain to Green Program. <i>Science of the Total Environment</i> , 2019, 678, 565-573.	8.0	154
69	African dryland ecosystem changes controlled by soil water. <i>Land Degradation and Development</i> , 2019, 30, 1564-1573.	3.9	18
70	Global Surface Soil Moisture Dynamics in 1979“2016 Observed from ESA CCI SM Dataset. <i>Water (Switzerland)</i> , 2019, 11, 883.	2.7	13
71	Unravelling the complexity in achieving the 17 sustainable-development goals. <i>National Science Review</i> , 2019, 6, 386-388.	9.5	245
72	Water use characteristics of native and exotic shrub species in the semi-arid Loess Plateau using an isotope technique. <i>Agriculture, Ecosystems and Environment</i> , 2019, 276, 55-63.	5.3	47

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73	Vegetation responses and trade-offs with soil-related ecosystem services after shrub removal: A meta-analysis. <i>Land Degradation and Development</i> , 2019, 30, 1219-1228.	3.9	6
74	Assessing the integrity of soil erosion in different patch covers in semi-arid environment. <i>Journal of Hydrology</i> , 2019, 571, 71-86.	5.4	16
75	Vulnerability assessment of the global water erosion tendency: Vegetation greening can partly offset increasing rainfall stress. <i>Land Degradation and Development</i> , 2019, 30, 1061-1069.	3.9	23
76	Temporal and Spatial Changes of Soil Organic Carbon Stocks in the Forest Area of Northeastern China. <i>Forests</i> , 2019, 10, 1023.	2.1	13
77	Exploring responses of lake area to river regulation and implications for lake restoration in arid regions. <i>Ecological Engineering</i> , 2019, 128, 18-26.	3.6	22
78	Effects of minimum soil disturbance practices on controlling water erosion in China's slope farmland: A meta-analysis. <i>Land Degradation and Development</i> , 2019, 30, 706-716.	3.9	15
79	Quantification of the ecosystem carrying capacity on China's Loess Plateau. <i>Ecological Indicators</i> , 2019, 101, 192-202.	6.3	51
80	Responses of two desert shrubs to simulated rainfall pulses in an arid environment, northwestern China. <i>Plant and Soil</i> , 2019, 435, 239-255.	3.7	7
81	Effects of reforestation on plant species diversity on the Loess Plateau of China: A case study in Danangou catchment. <i>Science of the Total Environment</i> , 2019, 651, 979-989.	8.0	29
82	Mapping total soil nitrogen from a site in northeastern China. <i>Catena</i> , 2018, 166, 134-146.	5.0	43
83	Driving forces and their contribution to the recent decrease in sediment flux to ocean of major rivers in China. <i>Science of the Total Environment</i> , 2018, 634, 534-541.	8.0	40
84	Soil moisture decline following the plantation of <i>Robinia pseudoacacia</i> forests: Evidence from the Loess Plateau. <i>Forest Ecology and Management</i> , 2018, 412, 62-69.	3.2	112
85	A solution to the conflicts of multiple planning boundaries: Landscape functional zoning in a resource-based city in China. <i>Habitat International</i> , 2018, 77, 43-55.	5.8	26
86	A process-based framework for soil ecosystem services study and management. <i>Science of the Total Environment</i> , 2018, 627, 282-289.	8.0	28
87	The effects of vegetation on runoff and soil loss: Multidimensional structure analysis and scale characteristics. <i>Journal of Chinese Geography</i> , 2018, 28, 59-78.	3.9	112
88	Land use optimization based on ecosystem service assessment: A case study in the Yanhe watershed. <i>Land Use Policy</i> , 2018, 72, 303-312.	5.6	127
89	Balancing community livelihoods and biodiversity conservation of protected areas in East Africa. <i>Current Opinion in Environmental Sustainability</i> , 2018, 33, 26-33.	6.3	27
90	Effects of revegetation and precipitation gradient on soil carbon and nitrogen variations in deep profiles on the Loess Plateau of China. <i>Science of the Total Environment</i> , 2018, 626, 399-411.	8.0	68

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91	Changes in soil organic and inorganic carbon stocks in deep profiles following cropland abandonment along a precipitation gradient across the Loess Plateau of China. <i>Agriculture, Ecosystems and Environment</i> , 2018, 258, 1-13.	5.3	74
92	Regional development boundary of China's Loess Plateau: Water limit and land shortage. <i>Land Use Policy</i> , 2018, 74, 130-136.	5.6	56
93	Variability of <i>Tamarix</i> spp. characteristics in riparian plant communities are affected by soil properties and accessibility of anthropogenic disturbance in the lower reaches of Heihe River, China. <i>Forest Ecology and Management</i> , 2018, 410, 174-186.	3.2	10
94	Ecological effects and potential risks of the water diversion project in the Heihe River Basin. <i>Science of the Total Environment</i> , 2018, 619-620, 794-803.	8.0	83
95	Earth surface processes and environmental sustainability in China: preface. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2018, 109, 373-374.	0.3	1
96	Spatial Consistency Assessments for Global Land-Cover Datasets: A Comparison among GLC2000, CCI LC, MCD12, GLOBCOVER and GLCNMO. <i>Remote Sensing</i> , 2018, 10, 1846.	4.0	63
97	Combined effects of rainfall regime and plot length on runoff and soil loss in the Loess Plateau of China. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2018, 109, 397-406.	0.3	5
98	Stochastic soil moisture dynamic modelling: a case study in the Loess Plateau, China. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2018, 109, 437-444.	0.3	1
99	Increasing global vegetation browning hidden in overall vegetation greening: Insights from time-varying trends. <i>Remote Sensing of Environment</i> , 2018, 214, 59-72.	11.0	322
100	Structure, function, and dynamic mechanisms of coupled human-natural systems. <i>Current Opinion in Environmental Sustainability</i> , 2018, 33, 87-91.	6.3	39
101	Global ecological regionalization: from biogeography to ecosystem services. <i>Current Opinion in Environmental Sustainability</i> , 2018, 33, 1-8.	6.3	26
102	Vegetation dynamic trends and the main drivers detected using the ensemble empirical mode decomposition method in East Africa. <i>Land Degradation and Development</i> , 2018, 29, 2542-2553.	3.9	27
103	Landscape change and its drivers: a Southern African perspective. <i>Current Opinion in Environmental Sustainability</i> , 2018, 33, 80-86.	6.3	14
104	Vertical Distributions of Soil Organic Carbon and its Influencing Factors Under Different Land Use Types in the Desert Riparian Zone of Downstream Heihe River Basin, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 7741-7753.	3.3	16
105	Quantifying the effects of human activities and climate variability on vegetation cover change in a hyper-arid endorheic basin. <i>Land Degradation and Development</i> , 2018, 29, 3294-3304.	3.9	38
106	Influence of land use change on the ecosystem service trade-offs in the ecological restoration area: Dynamics and scenarios in the Yanhe watershed, China. <i>Science of the Total Environment</i> , 2018, 644, 556-566.	8.0	166
107	Check dam infilling archives elucidate historical sedimentary dynamics in a semiarid landscape of the Loess Plateau, China. <i>Ecological Engineering</i> , 2018, 118, 161-170.	3.6	18
108	Metacoupling supply and demand for soil conservation service. <i>Current Opinion in Environmental Sustainability</i> , 2018, 33, 136-141.	6.3	53

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109	Responses of soil ammonia oxidation and ammonia-oxidizing communities to land-use conversion and fertilization in an acidic red soil of southern China. <i>European Journal of Soil Biology</i> , 2017, 80, 110-120.	3.2	18
110	Driving forces of changes in the water and sediment relationship in the Yellow River. <i>Science of the Total Environment</i> , 2017, 576, 453-461.	8.0	102
111	Grassland gross carbon dioxide uptake based on an improved model tree ensemble approach considering human interventions: global estimation and covariation with climate. <i>Global Change Biology</i> , 2017, 23, 2720-2742.	9.5	24
112	Responses of CH <sub>4</sub> and N <sub>2</sub> O fluxes to land-use conversion and fertilization in a typical red soil region of southern China. <i>Scientific Reports</i> , 2017, 7, 10571.	3.3	6
113	Hydrogeomorphic Ecosystem Responses to Natural and Anthropogenic Changes in the Loess Plateau of China. <i>Annual Review of Earth and Planetary Sciences</i> , 2017, 45, 223-243.	11.0	607
114	Exploring the effects of the "Grain for Green" program on the differences in soil water in the semi-arid Loess Plateau of China. <i>Ecological Engineering</i> , 2017, 107, 144-151.	3.6	45
115	Ecosystem service trade-offs and their influencing factors: A case study in the Loess Plateau of China. <i>Science of the Total Environment</i> , 2017, 607-608, 1250-1263.	8.0	199
116	River flow is critical for vegetation dynamics: Lessons from multi-scale analysis in a hyper-arid endorheic basin. <i>Science of the Total Environment</i> , 2017, 603-604, 290-298.	8.0	32
117	Precipitation gradient determines the tradeoff between soil moisture and soil organic carbon, total nitrogen, and species richness in the Loess Plateau, China. <i>Science of the Total Environment</i> , 2017, 575, 1538-1545.	8.0	65
118	Soil Moisture Variations with Land Use along the Precipitation Gradient in the North-South Transect of the Loess Plateau. <i>Land Degradation and Development</i> , 2017, 28, 926-935.	3.9	45
119	An integrated probabilistic assessment to analyse stochasticity of soil erosion in different restoration vegetation types. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1491-1514.	4.9	8
120	Vegetation changes in recent large-scale ecological restoration projects and subsequent impact on water resources in China's Loess Plateau. <i>Science of the Total Environment</i> , 2016, 569-570, 1032-1039.	8.0	218
121	Determining the hydrological responses to climate variability and land use/cover change in the Loess Plateau with the Budyko framework. <i>Science of the Total Environment</i> , 2016, 557-558, 331-342.	8.0	178
122	Comparison of transpiration between different aged black locust ( <i>Robinia pseudoacacia</i> ) trees on the semi-arid Loess Plateau, China. <i>Journal of Arid Land</i> , 2016, 8, 604-617.	2.3	34
123	Soil moisture temporal stability analysis for typical hilly and gully re-vegetated catchment in the Loess Plateau, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	3
124	Revegetation in China's Loess Plateau is approaching sustainable water resource limits. <i>Nature Climate Change</i> , 2016, 6, 1019-1022.	18.8	1,270
125	Developing policy for the Yellow River sediment sustainable control. <i>National Science Review</i> , 2016, 3, 162-164.	9.5	32
126	Advances in hydrological modelling with the Budyko framework. <i>Progress in Physical Geography</i> , 2016, 40, 409-430.	3.2	88



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127	Comparative analysis of annual rings of perennial forbs in the Loess Plateau, China. <i>Dendrochronologia</i> , 2016, 38, 82-89.	2.2	4
128	Reduced sediment transport in the Yellow River due to anthropogenic changes. <i>Nature Geoscience</i> , 2016, 9, 38-41.	12.9	948
129	Effects of precipitation and restoration vegetation on soil erosion in a semi-arid environment in the Loess Plateau, China. <i>Catena</i> , 2016, 137, 1-11.	5.0	190
130	Linking the soil moisture distribution pattern to dynamic processes along slope transects in the Loess Plateau, China. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 778.	2.7	9
131	Quantifying the impacts of climate change and ecological restoration on streamflow changes based on a hydrological model in China's Loess Plateau. <i>Water Resources Research</i> , 2015, 51, 6500-6519.	4.2	370
132	Temporal stability of surface soil moisture of different vegetation types in the Loess Plateau of China. <i>Catena</i> , 2015, 128, 1-15.	5.0	24
133	Reducing soil erosion by improving community functional diversity in semi-arid grasslands. <i>Journal of Applied Ecology</i> , 2015, 52, 1063-1072.	4.0	81
134	Carbon Sequestration Function of Check-Dams: A Case Study of the Loess Plateau in China. <i>Ambio</i> , 2014, 43, 926-931.	5.5	32
135	Poverty reduction, environmental protection and ecosystem services: A prospective theory for sustainable development. <i>Chinese Geographical Science</i> , 2014, 24, 83-92.	3.0	23
136	Multivariate control of root biomass in a semi-arid grassland on the Loess Plateau, China. <i>Plant and Soil</i> , 2014, 379, 315-324.	3.7	8
137	Comprehensive analysis of relationship between vegetation attributes and soil erosion on hillslopes in the Loess Plateau of China. <i>Environmental Earth Sciences</i> , 2014, 72, 1721-1731.	2.7	20
138	Linking vegetation cover patterns to hydrological responses using two process-based pattern indices at the plot scale. <i>Science China Earth Sciences</i> , 2013, 56, 1888-1898.	5.2	19
139	Trade-offs between forest ecosystem services. <i>Forest Policy and Economics</i> , 2013, 26, 145-146.	3.4	37
140	Responses of soil moisture in different land cover types to rainfall events in a re-vegetation catchment area of the Loess Plateau, China. <i>Catena</i> , 2013, 101, 122-128.	5.0	163
141	Linking ecosystem processes and ecosystem services. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 4-10.	6.3	197
142	Ecosystem services management: an integrated approach. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 11-15.	6.3	36
143	Comparison of Four Spatial Interpolation Methods for Estimating Soil Moisture in a Complex Terrain Catchment. <i>PLoS ONE</i> , 2013, 8, e54660.	2.5	117
144	The effects of afforestation on soil organic and inorganic carbon: A case study of the Loess Plateau of China. <i>Catena</i> , 2012, 95, 145-152.	5.0	145

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145	Effects of soil physicochemical properties and stand age on fine root biomass and vertical distribution of plantation forests in the Loess Plateau of China. <i>Ecological Research</i> , 2012, 27, 827-836.	1.5	45
146	The multi-scale spatial variance of soil moisture in the semi-arid Loess Plateau of China. <i>Journal of Soils and Sediments</i> , 2012, 12, 694-703.	3.0	58
147	A comparative analysis of forest cover and catchment water yield relationships in northern China. <i>Forest Ecology and Management</i> , 2011, 262, 1189-1198.	3.2	103