Shuai Wang

List of Publications by Year
in descending order

194	12,687	31976 53	28297 105
papers	citations	h-index	g-index

198	198	198	10195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Revegetation in Chinaâ€™s Loess Plateau is approaching sustainable water resource limits. Nature Climate Change, 2016, 6, 1019-1022.	18.8	1,270
2	Reduced sediment transport in the Yellow River due to anthropogenic changes. Nature Geoscience, 2016, 9, 38-41.	12.9	948
3	Hydrogeomorphic Ecosystem Responses to Natural and Anthropogenic Changes in the Loess Plateau of China. Annual Review of Earth and Planetary Sciences, 2017, 45, 223-243.	11.0	607
4	Landscape of Intercellular Crosstalk in Healthy and NASH Liver Revealed by Single-Cell Secretome Gene Analysis. Molecular Cell, 2019, 75, 644-660.e5.	9.7	488
5	Quantifying the impacts of climate change and ecological restoration on streamflow changes based on a <scp>B</scp>udyko hydrological model in <scp>C</scp>hina's <scp>L</scp>oess <scp>P</scp>lateau. Water Resources Research, 2015, 51, 6500-6519.	4.2	370
6	Increasing global vegetation browning hidden in overall vegetation greening: Insights from time-varying trends. Remote Sensing of Environment, 2018, 214, 59-72.	11.0	322
7	Enhancing learning and engagement through embodied interaction within a mixed reality simulation. Computers and Education, 2016, 95, 174-187.	8.3	313
8	Enumeration of the hydrogen-enhanced localized plasticity mechanism for hydrogen embrittlement in structural materials. Acta Materialia, 2019, 165, 734-750.	7.9	295
9	Unravelling the complexity in achieving the 17 sustainable-development goals. National Science Review, 2019, 6, 386-388.	9.5	245
10	Vegetation changes in recent large-scale ecological restoration projects and subsequent impact on water resources in China's Loess Plateau. Science of the Total Environment, 2016, 569-570, 1032-1039.	8.0	218
11	Hydrogen-induced intergranular failure of iron. Acta Materialia, 2014, 69, 275-282.	7.9	204
12	Ecosystem service trade-offs and their influencing factors: A case study in the Loess Plateau of China. Science of the Total Environment, 2017, 607-608, 1250-1263.	8.0	199
13	Linking ecosystem processes and ecosystem services. Current Opinion in Environmental Sustainability, 2013, 5, 4-10.	6.3	197
14	Effects of precipitation and restoration vegetation on soil erosion in a semi-arid environment in the Loess Plateau, China. Catena, 2016, 137, 1-11.	5.0	190
15	Determining the hydrological responses to climate variability and land use/cover change in the Loess Plateau with the Budyko framework. Science of the Total Environment, 2016, 557-558, 331-342.	8.0	178
16	Influence of land use change on the ecosystem service trade-offs in the ecological restoration area: Dynamics and scenarios in the Yanhe watershed, China. Science of the Total Environment, 2018, 644, 556-566.	8.0	166
17	A novel hybrid ensemble learning paradigm for nuclear energy consumption forecasting. Applied Energy, 2012, 93, 432-443.	10.1	158
18	Glycogen Synthase Kinase 3Î² Regulates IRF3 Transcription Factor-Mediated Antiviral Response via Activation of the Kinase TBK1. Immunity, 2010, 33, 878-889.	14.3	154

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19	Socio-ecological changes on the Loess Plateau of China after Grain to Green Program. Science of the Total Environment, 2019, 678, 565-573.	8.0	154
20	Recent advances on hydrogen embrittlement of structural materials. International Journal of Fracture, 2015, 196, 223-243.	2.2	146
21	The effects of afforestation on soil organic and inorganic carbon: A case study of the Loess Plateau of China. Catena, 2012, 95, 145-152.	5.0	145
22	Mechanisms of radiation-induced segregation in CrFeCoNi-based single-phase concentrated solid solution alloys. Acta Materialia, 2017, 126, 182-193.	7.9	133
23	LSm14A is a processing body-associated sensor of viral nucleic acids that initiates cellular antiviral response in the early phase of viral infection. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11770-11775.	7.1	129
24	The ER-Associated Protein ZDHHC1 Is a Positive Regulator of DNA Virus-Triggered, MITA/STING-Dependent Innate Immune Signaling. Cell Host and Microbe, 2014, 16, 450-461.	11.0	129
25	Land use optimization based on ecosystem service assessment: A case study in the Yanhe watershed. Land Use Policy, 2018, 72, 303-312.	5.6	127
26	Mapping stocks of soil organic carbon and soil total nitrogen in Liaoning Province of China. Geoderma, 2017, 305, 250-263.	5.1	122
27	Comparison of Four Spatial Interpolation Methods for Estimating Soil Moisture in a Complex Terrain Catchment. PLoS ONE, 2013, 8, e54660.	2.5	117
28	Soil moisture decline following the plantation of Robinia pseudoacacia forests: Evidence from the Loess Plateau. Forest Ecology and Management, 2018, 412, 62-69.	3.2	112
29	The effects of vegetation on runoff and soil loss: Multidimensional structure analysis and scale characteristics. Journal of Chinese Geography, 2018, 28, 59-78.	3.9	112
30	A novel seasonal decomposition based least squares support vector regression ensemble learning approach for hydropower consumption forecasting in China. Energy, 2011, 36, 6542-6554.	8.8	109
31	Effect of hydrogen environment on the separation of Fe grain boundaries. Acta Materialia, 2016, 107, 279-288.	7.9	106
32	Evolution and effects of the social-ecological system over a millennium in Chinaâ€™s Loess Plateau. Science Advances, 2020, 6, .	10.3	105
33	A comparative analysis of forest cover and catchment water yield relationships in northern China. Forest Ecology and Management, 2011, 262, 1189-1198.	3.2	103
34	Driving forces of changes in the water and sediment relationship in the Yellow River. Science of the Total Environment, 2017, 576, 453-461.	8.0	102
35	Role of environmental variables in the spatial distribution of soil carbon (C), nitrogen (N), and C:N ratio from the northeastern coastal agroecosystems in China. Ecological Indicators, 2018, 84, 263-272.	6.3	93
36	Advances in hydrological modelling with the Budyko framework. Progress in Physical Geography, 2016, 40, 409-430.	3.2	88

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37	Mapping the molecular signatures of diet-induced NASH and its regulation by the hepatokine Tsukushi. Molecular Metabolism, 2019, 20, 128-137.	6.5	86
38	Ecological effects and potential risks of the water diversion project in the Heihe River Basin. Science of the Total Environment, 2018, 619-620, 794-803.	8.0	83
39	Reducing soil erosion by improving community functional diversity in semiâ€arid grasslands. Journal of Applied Ecology, 2015, 52, 1063-1072.	4.0	81
40	Changes in soil organic and inorganic carbon stocks in deep profiles following cropland abandonment along a precipitation gradient across the Loess Plateau of China. Agriculture, Ecosystems and Environment, 2018, 258, 1-13.	5.3	74
41	Landscape functional zoning at a county level based on ecosystem services bundle: Methods comparison and management indication. Journal of Environmental Management, 2019, 249, 109315.	7.8	74
42	Improve forest restoration initiatives to meet Sustainable Development Goal 15. Nature Ecology and Evolution, 2021, 5, 10-13.	7.8	69
43	Effects of revegetation and precipitation gradient on soil carbon and nitrogen variations in deep profiles on the Loess Plateau of China. Science of the Total Environment, 2018, 626, 399-411.	8.0	68
44	Activation volume and density of mobile dislocations in hydrogen-charged iron. Acta Materialia, 2013, 61, 4734-4742.	7.9	66
45	<scp>WDFY</scp> 1 mediates <scp>TLR</scp> 3/4 signaling by recruitingÂ <scp>TRIF</scp>. EMBO Reports, 2015, 16, 447-455.	4.5	65
46	Influence of hydrogen on dislocation self-organization in Ni. Acta Materialia, 2017, 135, 96-102.	7.9	65
47	Precipitation gradient determines the tradeoff between soil moisture and soil organic carbon, total nitrogen, and species richness in the Loess Plateau, China. Science of the Total Environment, 2017, 575, 1538-1545.	8.0	65
48	24-hour-restraint stress induces long-term depressive-like phenotypes in mice. Scientific Reports, 2016, 6, 32935.	3.3	64
49	Spatial Consistency Assessments for Global Land-Cover Datasets: A Comparison among GLC2000, CCI LC, MCD12, GLOBCOVER and GLCNMO. Remote Sensing, 2018, 10, 1846.	4.0	63
50	Enhanced damage resistance and novel defect structure of CrFeCoNi under in situ electron irradiation. Scripta Materialia, 2016, 125, 5-9.	5.2	62
51	Classificationâ€“coordinationâ€“collaboration: a systems approach for advancing Sustainable Development Goals. National Science Review, 2020, 7, 838-840.	9.5	60
52	The multi-scale spatial variance of soil moisture in the semi-arid Loess Plateau of China. Journal of Soils and Sediments, 2012, 12, 694-703.	3.0	58
53	Uncoupling of PARP1 trapping and inhibition using selective PARP1 degradation. Nature Chemical Biology, 2019, 15, 1223-1231.	8.0	57
54	Metacoupling supply and demand for soil conservation service. Current Opinion in Environmental Sustainability, 2018, 33, 136-141.	6.3	53

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55	Yellow River water rebalanced by human regulation. Scientific Reports, 2019, 9, 9707.	3.3	53
56	Quantification of the ecosystem carrying capacity on Chinaâ€™s Loess Plateau. Ecological Indicators, 2019, 101, 192-202.	6.3	51
57	Attitudes toward science among grades 3 through 12 Arab students in Qatar: findings from a cross-sectional national study. International Journal of Science Education, 2016, 38, 621-643.	1.9	49
58	Ecosystem service provision of grain legume and cereal intercropping in Africa. Agricultural Systems, 2020, 178, 102761.	6.1	49
59	Phf8 histone demethylase deficiency causes cognitive impairments through the mTOR pathway. Nature Communications, 2018, 9, 114.	12.8	47
60	Water use characteristics of native and exotic shrub species in the semi-arid Loess Plateau using an isotope technique. Agriculture, Ecosystems and Environment, 2019, 276, 55-63.	5.3	47
61	Response of vegetation to drought in the Tibetan Plateau: Elevation differentiation and the dominant factors. Agricultural and Forest Meteorology, 2021, 306, 108468.	4.8	47
62	Effects of soil physicochemical properties and stand age on fine root biomass and vertical distribution of plantation forests in the Loess Plateau of China. Ecological Research, 2012, 27, 827-836.	1.5	45
63	Exploring the effects of the â€œGrain for Greenâ€•program on the differences in soil water in the semi-arid Loess Plateau of China. Ecological Engineering, 2017, 107, 144-151.	3.6	45
64	Soil Moisture Variations with Land Use along the Precipitation Gradient in the Northâ€“South Transect of the Loess Plateau. Land Degradation and Development, 2017, 28, 926-935.	3.9	45
65	Toward Phase and Catalysis Control: Tracking the Formation of Intermetallic Nanoparticles at Atomic Scale. CheM, 2019, 5, 1235-1247.	11.7	45
66	Mapping total soil nitrogen from a site in northeastern China. Catena, 2018, 166, 134-146.	5.0	43
67	Effects of hydrogen on activation volume and density of mobile dislocations in iron-based alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 562, 101-108.	5.6	42
68	A novel mode-characteristic-based decomposition ensemble model for nuclear energy consumption forecasting. Annals of Operations Research, 2015, 234, 111-132.	4.1	42
69	Spatial-Temporal Changes of Soil Organic Carbon Content in Wafangdian, China. Sustainability, 2016, 8, 1154.	3.2	41
70	Driving forces and their contribution to the recent decrease in sediment flux to ocean of major rivers in China. Science of the Total Environment, 2018, 634, 534-541.	8.0	40
71	Spatial variations of soil organic carbon stocks in a coastal hilly area of China. Geoderma, 2018, 314, 8-19.	5.1	39
72	Structure, function, and dynamic mechanisms of coupled humanâ€“natural systems. Current Opinion in Environmental Sustainability, 2018, 33, 87-91.	6.3	39

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73	Quantifying the effects of human activities and climate variability on vegetation cover change in a hyperâ€arid endorheic basin. Land Degradation and Development, 2018, 29, 3294-3304.	3.9	38
74	Trade-offs between forest ecosystem services. Forest Policy and Economics, 2013, 26, 145-146.	3.4	37
75	STUB1 is essential for <scp>T</scp>â€cell activation by ubiquitinating <scp>CARMA</scp>1. European Journal of Immunology, 2013, 43, 1034-1041.	2.9	37
76	When adaptive learning is effective learning: comparison of an adaptive learning system to teacher-led instruction. Interactive Learning Environments, 2023, 31, 793-803.	6.4	37
77	Ecosystem services management: an integrated approach. Current Opinion in Environmental Sustainability, 2013, 5, 11-15.	6.3	36
78	Spatial variation and influencing factors of the effectiveness of afforestation in China's Loess Plateau. Science of the Total Environment, 2021, 771, 144904.	8.0	36
79	Comparison of transpiration between different aged black locust (Robinia pseudoacacia) trees on the semi-arid Loess Plateau, China. Journal of Arid Land, 2016, 8, 604-617.	2.3	34
80	Nonlinear dynamics of fires in Africa over recent decades controlled by precipitation. Global Change Biology, 2020, 26, 4495-4505.	9.5	34
81	Effect of cultivation history on soil organic carbon status of arable land in northeastern China. Geoderma, 2019, 342, 55-64.	5.1	33
82	Carbon Sequestration Function of Check-Dams: A Case Study of the Loess Plateau in China. Ambio, 2014, 43, 926-931.	5.5	32
83	Developing policy for the Yellow River sediment sustainable control. National Science Review, 2016, 3, 162-164.	9.5	32
84	River flow is critical for vegetation dynamics: Lessons from multi-scale analysis in a hyper-arid endorheic basin. Science of the Total Environment, 2017, 603-604, 290-298.	8.0	32
85	A multilevel analysis of diverse learners playing life science video games: Interactions between game content, learning disability status, reading proficiency, and gender. Journal of Research in Science Teaching, 2016, 53, 324-345.	3.3	31
86	A multiple importanceâ€“satisfaction analysis framework for the sustainable management of protected areas: Integrating ecosystem services and basic needs. Ecosystem Services, 2020, 46, 101219.	5.4	30
87	Integrating vegetation suitability in sustainable revegetation for the Loess Plateau, China. Science of the Total Environment, 2021, 759, 143572.	8.0	30
88	A coupled human-natural system analysis of water yield in the Yellow River basin, China. Science of the Total Environment, 2021, 762, 143141.	8.0	30
89	Is the runoff coefficient increasing or decreasing after ecological restoration on Chinaâ€™s Loess Plateau?. International Soil and Water Conservation Research, 2021, 9, 333-343.	6.5	30
90	Pathways from payments for ecosystem services program to socioeconomic outcomes. Ecosystem Services, 2019, 39, 101005.	5.4	29

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91	Impacts of urbanization on soil organic carbon stocks in the northeast coastal agricultural areas of China. Science of the Total Environment, 2020, 721, 137814.	8.0	29
92	A process-based framework for soil ecosystem services study and management. Science of the Total Environment, 2018, 627, 282-289.	8.0	28
93	Development and Large-Scale Validation of an Instrument to Assess Arabic-Speaking Students' Attitudes Toward Science. International Journal of Science Education, 2015, 37, 2637-2663.	1.9	27
94	Balancing community livelihoods and biodiversity conservation of protected areas in East Africa. Current Opinion in Environmental Sustainability, 2018, 33, 26-33.	6.3	27
95	Vegetation dynamic trends and the main drivers detected using the ensemble empirical mode decomposition method in East Africa. Land Degradation and Development, 2018, 29, 2542-2553.	3.9	27
96	Alignment of social and ecological structures increased the ability of river management. Science Bulletin, 2019, 64, 1318-1324.	9.0	27
97	A Synthesizing Land-cover Classification Method Based on Google Earth Engine: A Case Study in Nzhelele and Levhuvu Catchments, South Africa. Chinese Geographical Science, 2020, 30, 397-409.	3.0	27
98	Predicting Soil Organic Carbon and Soil Nitrogen Stocks in Topsoil of Forest Ecosystems in Northeastern China Using Remote Sensing Data. Remote Sensing, 2020, 12, 1115.	4.0	27
99	Hydrogen-induced change in core structures of {110}[111] edge and {110}[111] screw dislocations in iron. Scientific Reports, 2013, 3, 2760.	3.3	26
100	A solution to the conflicts of multiple planning boundaries: Landscape functional zoning in a resource-based city in China. Habitat International, 2018, 77, 43-55.	5.8	26
101	Global ecological regionalization: from biogeography to ecosystem services. Current Opinion in Environmental Sustainability, 2018, 33, 1-8.	6.3	26
102	USP2a positively regulates TCR-induced NF-ÎºB activation by bridging MALT1-TRAF6. Protein and Cell, 2013, 4, 62-70.	11.0	25
103	Temporal stability of surface soil moisture of different vegetation types in the Loess Plateau of China. Catena, 2015, 128, 1-15.	5.0	24
104	Grassland gross carbon dioxide uptake based on an improved model tree ensemble approach considering human interventions: global estimation and covariation with climate. Global Change Biology, 2017, 23, 2720-2742.	9.5	24
105	Socioeconomic impacts of a protected area in China: An assessment from rural communities of Qianjiangyuan National Park Pilot. Land Use Policy, 2020, 99, 104849.	5.6	24
106	Inconsistent changes in NPP and LAI determined from the parabolic LAI versus NPP relationship. Ecological Indicators, 2021, 131, 108134.	6.3	24
107	Poverty reduction, environmental protection and ecosystem services: A prospective theory for sustainable development. Chinese Geographical Science, 2014, 24, 83-92.	3.0	23
108	Spatial-Temporal Changes in Soil Organic Carbon and pH in the Liaoning Province of China: A Modeling Analysis Based on Observational Data. Sustainability, 2019, 11, 3569.	3.2	23

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109	Vulnerability assessment of the global water erosion tendency: Vegetation greening can partly offset increasing rainfall stress. Land Degradation and Development, 2019, 30, 1061-1069.	3.9	23
110	Exploring responses of lake area to river regulation and implications for lake restoration in arid regions. Ecological Engineering, 2019, 128, 18-26.	3.6	22
111	Integrating multiple influencing factors in evaluating the socioeconomic effects of payments for ecosystem services. Ecosystem Services, 2021, 51, 101348.	5.4	22
112	Strain field of interstitial hydrogen atom in body-centered cubic iron and its effect on hydrogenâ€“dislocation interaction. Scripta Materialia, 2013, 68, 249-252.	5.2	21
113	Comprehensive analysis of relationship between vegetation attributes and soil erosion on hillslopes in the Loess Plateau of China. Environmental Earth Sciences, 2014, 72, 1721-1731.	2.7	20
114	Slower vegetation greening faced faster social development on the landscape of the Belt and Road region. Science of the Total Environment, 2019, 697, 134103.	8.0	20
115	Response of net reduction rate in vegetation carbon uptake to climate change across a unique gradient zone on the Tibetan Plateau. Environmental Research, 2022, 203, 111894.	7.5	20
116	Linking vegetation cover patterns to hydrological responses using two process-based pattern indices at the plot scale. Science China Earth Sciences, 2013, 56, 1888-1898.	5.2	19
117	Assessment of the impact of hydrogen on the stress developed ahead of a fatigue crack. Acta Materialia, 2019, 174, 181-188.	7.9	19
118	Identifying priority biophysical indicators for promoting food-energy-water nexus within planetary boundaries. Resources, Conservation and Recycling, 2020, 163, 105102.	10.8	19
119	Rapid increase of potential evapotranspiration weakens the effect of precipitation on aridity in global drylands. Journal of Arid Environments, 2021, 186, 104414.	2.4	19
120	Effect of Mo doping on the gaseous hydrogen embrittlement of a CoCrNi medium-entropy alloy. Corrosion Science, 2021, 189, 109628.	6.6	19
121	Preparation of diamond-like carbon films by cathodic micro-arc discharge in aqueous solutions. Thin Solid Films, 2010, 518, 4211-4214.	1.8	18
122	Hydrogen effects on tensile property of pure iron with deformed surface. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 560, 332-338.	5.6	18
123	Why the bully/victim relationship is so pernicious: A gendered perspective on power and animosity among bullies and their victims. Development and Psychopathology, 2014, 26, 689-704.	2.3	18
124	Responses of soil ammonia oxidation and ammonia-oxidizing communities to land-use conversion and fertilization in an acidic red soil of southern China. European Journal of Soil Biology, 2017, 80, 110-120.	3.2	18
125	Check dam infilling archives elucidate historical sedimentary dynamics in a semiarid landscape of the Loess Plateau, China. Ecological Engineering, 2018, 118, 161-170.	3.6	18
126	African dryland ecosystem changes controlled by soil water. Land Degradation and Development, 2019, 30, 1564-1573.	3.9	18

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127	Representation of biodiversity and ecosystem services in East Africaâ€™s protected area network. Ambio, 2020, 49, 245-257.	5.5	18
128	Comparison between touristsâ€™ and inhabitantsâ€™ willingness to pay for nature in the Tibetan Plateau. Journal of Cleaner Production, 2020, 255, 120219.	9.3	17
129	Protein Kinase C-Î´ Negatively Regulates T Cell Receptor-induced NF-ÎºB Activation by Inhibiting the Assembly of CARMA1 Signalosome. Journal of Biological Chemistry, 2012, 287, 20081-20087.	3.4	16
130	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. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7741-7753.	3.3	16
131	On the failure of surface damage to assess the hydrogen-enhanced deformation ahead of crack tip in a cyclically loaded austenitic stainless steel. Scripta Materialia, 2019, 166, 102-106.	5.2	16
132	Assessing the integrity of soil erosion in different patch covers in semi-arid environment. Journal of Hydrology, 2019, 571, 71-86.	5.4	16
133	Estimation of Global Grassland Net Ecosystem Carbon Exchange Using a Model Tree Ensemble Approach. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005034.	3.0	16
134	Responses and feedbacks of African dryland ecosystems to environmental changes. Current Opinion in Environmental Sustainability, 2021, 48, 29-35.	6.3	16
135	Achieving a fit between social and ecological systems in drylands for sustainability. Current Opinion in Environmental Sustainability, 2021, 48, 53-58.	6.3	16
136	Runoff sensitivity increases with land use/cover change contributing to runoff decline across the middle reaches of the Yellow River basin. Journal of Hydrology, 2021, 600, 126536.	5.4	16
137	Effects of minimum soil disturbance practices on controlling water erosion in China's slope farmland: A metaâ€analysis. Land Degradation and Development, 2019, 30, 706-716.	3.9	15
138	A retrospective analysis on changes in sediment flux in the Mississippi River system: trends, driving forces, and implications. Journal of Soils and Sediments, 2020, 20, 1719-1729.	3.0	15
139	Improving representation of collective memory in socioâ€hydrological models and new insights into flood risk management. Journal of Flood Risk Management, 2021, 14, e12679.	3.3	15
140	Orientation dependence of dislocation structure in surface grain of pure copper deformed in tension. Acta Materialia, 2021, 203, 116474.	7.9	15
141	A Review on Carbon Source and Sink in Arable Land Ecosystems. Land, 2022, 11, 580.	2.9	15
142	Landscape change and its drivers: a Southern African perspective. Current Opinion in Environmental Sustainability, 2018, 33, 80-86.	6.3	14
143	Spatial predictions of the permanent wilting point in arid and semi-arid regions of Northeast China. Journal of Hydrology, 2018, 564, 367-375.	5.4	14
144	Prediction of the spatial distribution of soil arthropods using a random forest model: A case study in Changtu County, Northeast China. Agriculture, Ecosystems and Environment, 2020, 292, 106818.	5.3	14

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145	Detecting land degradation in Southern Africa using Time Series Segment and Residual Trend (TSS-RESTREND). Journal of Arid Environments, 2021, 184, 104314.	2.4	14
146	Global Surface Soil Moisture Dynamics in 1979â€“2016 Observed from ESA CCI SM Dataset. Water (Switzerland), 2019, 11, 883.	2.7	13
147	Temporal and Spatial Changes of Soil Organic Carbon Stocks in the Forest Area of Northeastern China. Forests, 2019, 10, 1023.	2.1	13
148	Applying statistical methods to map soil organic carbon of agricultural lands in northeastern coastal areas of China. Archives of Agronomy and Soil Science, 2020, 66, 532-544.	2.6	13
149	Embrittlement of 316L stainless steel in electropulsing treatment. Journal of Materials Research and Technology, 2020, 9, 10669-10678.	5.8	13
150	Quantifying responses of net primary productivity to agricultural expansion in drylands. Land Degradation and Development, 2021, 32, 2050-2060.	3.9	13
151	Reversal of the sediment load increase in the Amazon basin influenced by divergent trends of sediment transport from the SolimÃµes and Madeira Rivers. Catena, 2020, 195, 104804.	5.0	12
152	Multilevel analysis of factors affecting participantsâ€™ land reconversion willingness after the Grain for Green Program. Ambio, 2021, 50, 1394-1403.	5.5	12
153	Survey of Community Livelihoods and Landscape Change along the Nzhelele and Levuvhu River Catchments in Limpopo Province, South Africa. Land, 2020, 9, 91.	2.9	11
154	Dental noise exposed mice display depressive-like phenotypes. Molecular Brain, 2016, 9, 50.	2.6	10
155	Variability of Tamarix spp. characteristics in riparian plant communities are affected by soil properties and accessibility of anthropogenic disturbance in the lower reaches of Heihe River, China. Forest Ecology and Management, 2018, 410, 174-186.	3.2	10
156	Sediment transport under increasing anthropogenic stress: Regime shifts within the Yellow River, China. Ambio, 2020, 49, 2015-2025.	5.5	10
157	Multispectral Remote Sensing Data Are Effective and Robust in Mapping Regional Forest Soil Organic Carbon Stocks in a Northeast Forest Region in China. Remote Sensing, 2020, 12, 393.	4.0	10
158	Energy Time Series Data Analysis based on a Novel Integrated Data Characteristic Testing Approach. Procedia Computer Science, 2013, 17, 759-769.	2.0	9
159	Linking the soil moisture distribution pattern to dynamic processes along slope transects in the Loess Plateau, China. Environmental Monitoring and Assessment, 2015, 187, 778.	2.7	9
160	Measuring Chinese Middle School Studentsâ€™ Motivation Using the Reduced Instructional Materials Motivation Survey (RIMMS): A Validation Study in the Adaptive Learning Setting. Frontiers in Psychology, 2020, 11, 1803.	2.1	9
161	Multivariate control of root biomass in a semi-arid grassland on the Loess Plateau, China. Plant and Soil, 2014, 379, 315-324.	3.7	8
162	Physical properties of Î±-Fe upon the introduction of H, He, C, and N. Solid State Communications, 2014, 195, 70-73.	1.9	8

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163	An integrated probabilistic assessment to analyse stochasticity of soil erosion in different restoration vegetation types. Hydrology and Earth System Sciences, 2017, 21, 1491-1514.	4.9	8
164	Adaptive Learning Goes to China. Lecture Notes in Computer Science, 2018, , 89-93.	1.3	8
165	Comparing Likert Scale Functionality Across Culturally and Linguistically Diverse Groups in Science Education Research: an Illustration Using Qatari Studentsâ€™ Responses to an Attitude Toward Science Survey. International Journal of Science and Mathematics Education, 2019, 17, 885-903.	2.5	8
166	Simulated weightlessness procedure, head-down bed rest impairs adult neurogenesis in the hippocampus of rhesus macaque. Molecular Brain, 2019, 12, 46.	2.6	7
167	Responses of two desert shrubs to simulated rainfall pulses in an arid environment, northwestern China. Plant and Soil, 2019, 435, 239-255.	3.7	7
168	Encouraging impacts of an Open Education Resource Degree Initiative on college studentsâ€™ progress to degree. Higher Education, 2022, 84, 1089-1106.	4.4	7
169	Vegetation responses and tradeâ€offs with soilâ€related ecosystem services after shrub removal: A metaâ€analysis. Land Degradation and Development, 2019, 30, 1219-1228.	3.9	6
170	Threshold of vapourâ€“pressure deficit constraint on light use efficiency varied with soil water content. Ecohydrology, 2022, 15, e2305.	2.4	6
171	Learning from an Adaptive Learning System: Student Profiling among Middle School Students. , 2019, , .		6
172	EEMD-LSSVR-Based Decomposition-and-Ensemble Methodology with Application to Nuclear Energy Consumption Forecasting. , 2011, , .		5
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174	A comparative characterization of defect structure in NiCo and NiFe equimolar solid solution alloys under in situ electron irradiation. Scripta Materialia, 2019, 166, 96-101.	5.2	5
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