

Hui Qian

List of Publications by Year in descending order

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Version: 2024-02-01

177
papers

9,809
citations

30070

54
h-index

40979

93
g-index

179
all docs

179
docs citations

179
times ranked

4751
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing Nitrate and Fluoride Contaminants in Drinking Water and Their Health Risk of Rural Residents Living in a Semiarid Region of Northwest China. <i>Exposure and Health</i> , 2017, 9, 183-195.	4.9	305
2	Groundwater quality evaluation using water quality index (WQI) for drinking purposes and human health risk (HHR) assessment in an agricultural region of Nanganur, south India. <i>Ecotoxicology and Environmental Safety</i> , 2019, 176, 153-161.	6.0	299
3	Hydrogeochemical Characterization of Groundwater in and Around a Wastewater Irrigated Forest in the Southeastern Edge of the Tengger Desert, Northwest China. <i>Exposure and Health</i> , 2016, 8, 331-348.	4.9	278
4	Building a new and sustainable "Silk Road economic belt". <i>Environmental Earth Sciences</i> , 2015, 74, 7267-7270.	2.7	261
5	Using correlation and multivariate statistical analysis to identify hydrogeochemical processes affecting the major ion chemistry of waters: a case study in Laoheba phosphorite mine in Sichuan, China. <i>Arabian Journal of Geosciences</i> , 2014, 7, 3973-3982.	1.3	260
6	Hydrochemical appraisal of groundwater quality for drinking and irrigation purposes and the major influencing factors: a case study in and around Hua County, China. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	253
7	Assessment of groundwater quality for irrigation purposes and identification of hydrogeochemical evolution mechanisms in Pengyang County, China. <i>Environmental Earth Sciences</i> , 2013, 69, 2211-2225.	2.7	248
8	Environment: Accelerate research on land creation. <i>Nature</i> , 2014, 510, 29-31.	27.8	234
9	Origin and assessment of groundwater pollution and associated health risk: a case study in an industrial park, northwest China. <i>Environmental Geochemistry and Health</i> , 2014, 36, 693-712.	3.4	233
10	Hydrochemical characterization of drinking groundwater with special reference to fluoride in an arid area of China and the control of aquifer leakage on its concentrations. <i>Environmental Earth Sciences</i> , 2015, 73, 8575-8588.	2.7	226
11	Evaluation of groundwater contamination for fluoride and nitrate in semi-arid region of Nirmal Province, South India: A special emphasis on human health risk assessment (HHRA). <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 1107-1124.	3.4	214
12	Innovative trend analysis of annual and seasonal rainfall and extreme values in Shaanxi, China, since the 1950s. <i>International Journal of Climatology</i> , 2017, 37, 2582-2592.	3.5	207
13	Occurrence and hydrogeochemistry of fluoride in alluvial aquifer of Weihe River, China. <i>Environmental Earth Sciences</i> , 2014, 71, 3133-3145.	2.7	205
14	Simultaneous Removal of Multicomponent VOCs in Biofilters. <i>Trends in Biotechnology</i> , 2018, 36, 673-685.	9.3	204
15	Major Ion Chemistry of Shallow Groundwater in the Dongsheng Coalfield, Ordos Basin, China. <i>Mine Water and the Environment</i> , 2013, 32, 195-206.	2.0	202
16	Water resources research to support a sustainable China. <i>International Journal of Water Resources Development</i> , 2018, 34, 327-336.	2.0	179
17	Hydrogeochemical characterization and quality assessment of groundwater based on integrated-weight water quality index in a concentrated urban area. <i>Journal of Cleaner Production</i> , 2020, 260, 121006.	9.3	172
18	Groundwater Nitrate Contamination and Associated Health Risk for the Rural Communities in an Agricultural Area of Ningxia, Northwest China. <i>Exposure and Health</i> , 2016, 8, 349-359.	4.9	164

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19	Conjunctive use of groundwater and surface water to reduce soil salinization in the Yinchuan Plain, North-West China. <i>International Journal of Water Resources Development</i> , 2018, 34, 337-353.	2.0	159
20	Spatial characteristics of heavy metal contamination and potential human health risk assessment of urban soils: A case study from an urban region of South India. <i>Ecotoxicology and Environmental Safety</i> , 2020, 194, 110406.	6.0	148
21	Groundwater Quality Assessment Using Improved Water Quality Index (WQI) and Human Health Risk (HHR) Evaluation in a Semi-arid Region of Northwest China. <i>Exposure and Health</i> , 2020, 12, 487-500.	4.9	143
22	Groundwater Quality Assessment Based on Improved Water Quality Index in Pengyang County, Ningxia, Northwest China. <i>E-Journal of Chemistry</i> , 2010, 7, S209-S216.	0.5	125
23	Finding harmony between the environment and humanity: an introduction to the thematic issue of the Silk Road. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	115
24	Assessment of heavy metal (HM) contamination in agricultural soil lands in northern Telangana, India: an approach of spatial distribution and multivariate statistical analysis. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 246.	2.7	115
25	Assessment of groundwater vulnerability in the Yinchuan Plain, Northwest China using OREADIC. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3613-3628.	2.7	114
26	Assessment of soil salinization based on a low-cost method and its influencing factors in a semi-arid agricultural area, northwest China. <i>Environmental Earth Sciences</i> , 2014, 71, 3465-3475.	2.7	112
27	Insights into hydrological and hydrochemical processes in response to water replenishment for lakes in arid regions. <i>Journal of Hydrology</i> , 2020, 581, 124386.	5.4	111
28	Anthropogenic pollution and variability of manganese in alluvial sediments of the Yellow River, Ningxia, northwest China. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 1385-1398.	2.7	109
29	Groundwater chemistry, distribution and potential health risk appraisal of nitrate enriched groundwater: A case study from the semi-urban region of South India. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111277.	6.0	108
30	Hydrogeochemistry and fluoride contamination in Jiaokou Irrigation District, Central China: Assessment based on multivariate statistical approach and human health risk. <i>Science of the Total Environment</i> , 2020, 741, 140460.	8.0	107
31	Hydrogeochemical Characterization and Irrigation Quality Assessment of Shallow Groundwater in the Central-Western Guanzhong Basin, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1492.	2.6	106
32	Assessing groundwater pollution and potential remediation processes in a multi-layer aquifer system. <i>Environmental Pollution</i> , 2020, 263, 114669.	7.5	104
33	Groundwater quality assessment based on rough sets attribute reduction and TOPSIS method in a semi-arid area, China. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4841-4854.	2.7	101
34	Hydrogeochemistry and Quality Assessment of Shallow Groundwater in the Southern Part of the Yellow River Alluvial Plain (Zhongwei Section), Northwest China. <i>Earth Sciences Research Journal</i> , 2014, 18, 27-38.	0.6	100
35	Stable oxygen and hydrogen isotopes as indicators of lake water recharge and evaporation in the lakes of the Yinchuan Plain. <i>Hydrological Processes</i> , 2014, 28, 3554-3562.	2.6	97
36	Alterations to groundwater chemistry due to modern water transfer for irrigation over decades. <i>Science of the Total Environment</i> , 2020, 717, 137170.	8.0	96

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37	Sensitivity analysis of TOPSIS method in water quality assessment: I. Sensitivity to the parameter weights. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2453-2461.	2.7	95
38	Heavy metal contamination of Yellow River alluvial sediments, northwest China. <i>Environmental Earth Sciences</i> , 2015, 73, 3403-3415.	2.7	95
39	Isotopic characteristics of precipitation, surface and ground waters in the Yinchuan plain, Northwest China. <i>Environmental Earth Sciences</i> , 2013, 70, 57-70.	2.7	91
40	Challenges and prospects of sustainable groundwater management in an agricultural plain along the Silk Road Economic Belt, north-west China. <i>International Journal of Water Resources Development</i> , 2018, 34, 354-368.	2.0	88
41	Hydrogeochemical Characteristics and Quality Assessment of Groundwater in an Irrigated Region, Northwest China. <i>Water (Switzerland)</i> , 2019, 11, 96.	2.7	88
42	Entropy water quality index and probabilistic health risk assessment from geochemistry of groundwaters in hard rock terrain of Nanganur County, South India. <i>Chemie Der Erde</i> , 2020, 80, 125544.	2.0	85
43	Groundwater chemistry integrating the pollution index of groundwater and evaluation of potential human health risk: A case study from hard rock terrain of south India. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111217.	6.0	79
44	Effect of hydrogeological conditions on groundwater nitrate pollution and human health risk assessment of nitrate in Jiaokou Irrigation District. <i>Journal of Cleaner Production</i> , 2021, 298, 126783.	9.3	79
45	Preliminary assessment of hydraulic connectivity between river water and shallow groundwater and estimation of their transfer rate during dry season in the Shidi River, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	71
46	Groundwater quality assessment using a new integrated-weight water quality index (IWQI) and driver analysis in the Jiaokou Irrigation District, China. <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 111992.	6.0	71
47	Effects of lime treatment on the hydraulic conductivity and microstructure of loess. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	68
48	Water resource development and protection in loess areas of the world: a summary to the thematic issue of water in loess. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	67
49	Nitrogen contamination in groundwater in an agricultural region along the New Silk Road, northwest China: distribution and factors controlling its fate. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13154-13167.	5.3	63
50	Assessment of Groundwater Quality and Human Health Risk (HHR) Evaluation of Nitrate in the Central-Western Guanzhong Basin, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4246.	2.6	63
51	On the sensitivity of entropy weight to sample statistics in assessing water quality: statistical analysis based on large stochastic samples. <i>Environmental Earth Sciences</i> , 2015, 74, 2185-2195.	2.7	62
52	Hydrogeochemical evidence for fluoride behavior in groundwater and the associated risk to human health for a large irrigation plain in the Yellow River Basin. <i>Science of the Total Environment</i> , 2021, 800, 149428.	8.0	61
53	Assessment of arsenic and fluoride pollution in groundwater in Dawukou area, Northwest China, and the associated health risk for inhabitants. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	60
54	Distribution, enrichment and sources of trace metals in the topsoil in the vicinity of a steel wire plant along the Silk Road economic belt, northwest China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	59

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55	An investigation into the relationship between saturated permeability and microstructure of remolded loess: A case study from Chinese Loess Plateau. <i>Geoderma</i> , 2021, 382, 114774.	5.1	59
56	Assessment of Agricultural Drought Vulnerability in the Guanzhong Plain, China. <i>Water Resources Management</i> , 2017, 31, 1557-1574.	3.9	58
57	Groundwater Quality in Jingyuan County, a Semi-Humid Area in Northwest China. <i>E-Journal of Chemistry</i> , 2011, 8, 787-793.	0.5	56
58	Hydrogeochemistry and fluoride contamination in the hard rock terrain of central Telangana, India: analyses of its spatial distribution and health risk. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	56
59	Fluoride Occurrence and Human Health Risk in Drinking Water Wells from Southern Edge of Chinese Loess Plateau. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1683.	2.6	55
60	Assessment of Groundwater Chemistry and Status in a Heavily Used Semi-Arid Region with Multivariate Statistical Analysis. <i>Water (Switzerland)</i> , 2014, 6, 2212-2232.	2.7	54
61	Regulation of secondary soil salinization in semi-arid regions: a simulation research in the Nanshantaizi area along the Silk Road, northwest China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	53
62	Groundwater Chemistry Regulated by Hydrochemical Processes and Geological Structures: A Case Study in Tongchuan, China. <i>Water (Switzerland)</i> , 2018, 10, 338.	2.7	52
63	Assessing natural background levels in shallow groundwater in a large semiarid drainage Basin. <i>Journal of Hydrology</i> , 2020, 584, 124638.	5.4	50
64	Microstructure and permeability evolution of remolded loess with different dry densities under saturated seepage. <i>Engineering Geology</i> , 2021, 282, 105875.	6.3	49
65	Classification and physical characteristics of bound water in loess and its main clay minerals. <i>Engineering Geology</i> , 2020, 265, 105394.	6.3	48
66	Urban residential indoor volatile organic compounds in summer, Beijing: Profile, concentration and source characterization. <i>Atmospheric Environment</i> , 2018, 188, 1-11.	4.1	47
67	Non-darcian flow in loess at low hydraulic gradient. <i>Engineering Geology</i> , 2020, 267, 105483.	6.3	47
68	Hydrochemistry and geothermometry of geothermal water in the central Guanzhong Basin, China: a case study in Xi'an. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	45
69	Spatial distribution and health risk assessment of fluoride contamination in groundwater of Telangana: A state-of-the-art. <i>Chemie Der Erde</i> , 2020, 80, 125548.	2.0	45
70	A modified DRASTIC model for assessing contamination risk of groundwater in the northern suburb of Yinchuan, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	43
71	Performance and biofilm characteristics of biotrickling filters for ethylbenzene removal in the presence of saponins. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30021-30030.	5.3	42
72	Effects of anionic surfactant on n-hexane removal in biofilters. <i>Chemosphere</i> , 2016, 150, 248-253.	8.2	41

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73	Human Health Risk Assessment of Contaminants in Drinking Water Based on Triangular Fuzzy Numbers Approach in Yinchuan City, Northwest China. <i>Exposure and Health</i> , 2018, 10, 155-166.	4.9	41
74	Potentially toxic elements (PTEs) pollution in surface soils in a typical urban region of south India: An application of health risk assessment and distribution pattern. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 111055.	6.0	41
75	Hydrogeochemical characteristics and processes of groundwater in an over 2260-year irrigation district: A comparison between irrigated and nonirrigated areas. <i>Journal of Hydrology</i> , 2022, 606, 127437.	5.4	41
76	Hydrochemical Formation Mechanisms and Quality Assessment of Groundwater with Improved TOPSIS Method in Pengyang County Northwest China. <i>E-Journal of Chemistry</i> , 2011, 8, 1164-1173.	0.5	38
77	Insights into water sustainability from a grey water footprint perspective in an irrigated region of the Yellow River Basin. <i>Journal of Cleaner Production</i> , 2021, 316, 128329.	9.3	37
78	Influence of Quaternary paleoclimate change on the permeability of the loess paleosol sequence in the Loess Plateau, northern China. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 862-876.	2.5	35
79	Characterization of geothermal water in the piedmont region of Qinling Mountains and Lantian-Bahe Group in Guanzhong Basin, China. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	34
80	Assessment of background levels and pollution sources for arsenic and fluoride in the phreatic and confined groundwater of Xi'an city, Shaanxi, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 34702-34714.	5.3	34
81	Chemical Characteristics and Quality Assessment of Groundwater of Exploited Aquifers in Beijiao Water Source of Yinchuan, China: A Case Study for Drinking, Irrigation, and Industrial Purposes. <i>Journal of Chemistry</i> , 2015, 2015, 1-14.	1.9	32
82	Effect of Sodium Chloride Concentration on Saturated Permeability of Remolded Loess. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 199.	2.0	30
83	Use of multiple isotopic and chemical tracers to identify sources of nitrate in shallow groundwaters along the northern slope of the Qinling Mountains, China. <i>Applied Geochemistry</i> , 2020, 113, 104512.	3.0	29
84	Characterization of soil salinization and its driving factors in a typical irrigation area of Northwest China. <i>Science of the Total Environment</i> , 2022, 837, 155808.	8.0	28
85	Distribution characteristics, source identification and risk assessment of heavy metals in surface sediments of the Yellow River, China. <i>Catena</i> , 2022, 216, 106376.	5.0	28
86	Water in Loess. , 2018, , 1-17.		27
87	Geospatial Distribution and Potential Noncarcinogenic Health Risk Assessment of Nitrate Contaminated Groundwater in Southern India: A Case Study. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 80, 107-119.	4.1	26
88	Global curve-fitting for determining the hydrogeological parameters of leaky confined aquifers by transient flow pumping test. <i>Arabian Journal of Geosciences</i> , 2013, 6, 2745-2753.	1.3	25
89	Investigation into microscopic mechanisms of anisotropic saturated permeability of undisturbed Q2 loess. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	25
90	Evaluation of groundwater quality using an integrated approach of set pair analysis and variable fuzzy improved model with binary semantic analysis: A case study in Jiaokou Irrigation District, east of Guanzhong Basin, China. <i>Science of the Total Environment</i> , 2021, 767, 145247.	8.0	25

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91	Cumulative health risk assessment of multiple chemicals in groundwater based on deterministic and Monte Carlo models in a large semiarid basin. <i>Journal of Cleaner Production</i> , 2022, 352, 131567.	9.3	25
92	Detection of Anomalies and Changes of Rainfall in the Yellow River Basin, China, through Two Graphical Methods. <i>Water (Switzerland)</i> , 2018, 10, 15.	2.7	24
93	Sensitivity analysis of TOPSIS method in water quality assessment II: sensitivity to the index input data. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2463-2474.	2.7	23
94	Comparison of three methods of hydrogeological parameter estimation in leaky aquifers using transient flow pumping tests. <i>Hydrological Processes</i> , 2014, 28, 2293-2301.	2.6	23
95	Hydrochemical Characteristics and Evolution Laws of Drinking Groundwater in Pengyang County, Ningxia, Northwest China. <i>E-Journal of Chemistry</i> , 2011, 8, 565-575.	0.5	22
96	Insight into the evolution of microbial community and antibiotic resistance genes in anammox process induced by copper after recovery from oxytetracycline stress. <i>Bioresource Technology</i> , 2021, 330, 124945.	9.6	22
97	Analysis of the Groundwater and Soil Pollution by Oil Leakage. <i>Procedia Environmental Sciences</i> , 2011, 11, 939-944.	1.4	21
98	Impact of different TiO ₂ samples and porphyrin substituents on the photocatalytic performance of TiO ₂ @copper porphyrin composites. <i>Catalysis Today</i> , 2017, 281, 45-52.	4.4	21
99	Anisotropic microstructure of loess-paleosol sequence and its significance for engineering and paleoclimate: A case study from Xiushidu (XSD) profile, southern Chinese Loess Plateau. <i>Engineering Geology</i> , 2021, 286, 106092.	6.3	21
100	A system-theory-based model for monthly river runoff forecasting: model calibration and optimization. <i>Journal of Hydrology and Hydromechanics</i> , 2014, 62, 82-88.	2.0	21
101	Influence of tectonic uplift of the Qinling Mountains on the paleoclimatic environment of surrounding areas: Insights from loess paleosol sequences, Weihe Basin, central China. <i>Catena</i> , 2020, 187, 104336.	5.0	20
102	Multivariate Analysis of Confined Groundwater Hydrochemistry of a Long-Exploited Sedimentary Basin in Northwest China. <i>Journal of Chemistry</i> , 2016, 2016, 1-15.	1.9	19
103	Exploring the saturated permeability of remolded loess under inorganic salt solution seepage. <i>Engineering Geology</i> , 2021, 294, 106354.	6.3	19
104	Impacts of chemical weathering and human perturbations on dissolved loads of the Wei River, the Yellow River catchment. <i>Journal of Hydrology</i> , 2021, 603, 126950.	5.4	19
105	Environmental Chemistry of Groundwater Near an Industrial Area, Northwest China. <i>Asian Journal of Chemistry</i> , 2013, 25, 9795-9799.	0.3	18
106	Investigating the mechanism of pH effect on saturated permeability of remolded loess. <i>Engineering Geology</i> , 2021, 284, 105978.	6.3	18
107	Investigating and predicting the temperature effects of permeability for loess. <i>Engineering Geology</i> , 2021, 285, 106050.	6.3	18
108	New insights into loess formation on the southern margin of the Chinese Loess Plateau. <i>Catena</i> , 2021, 204, 105444.	5.0	18

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109	Relationship between fractal characteristics of grain-size and physical properties: Insights from a typical loess profile of the loess Plateau. <i>Catena</i> , 2021, 207, 105653.	5.0	18
110	Exploring the geochemical mechanism for the saturated permeability change of remolded loess. <i>Engineering Geology</i> , 2021, 284, 105927.	6.3	16
111	Hydrogeochemical characteristics of groundwater depression cones in Yinchuan City, Northwest China. <i>Diqiu Huaxue</i> , 2007, 26, 350-355.	0.5	15
112	Assessment of Groundwater Quality Based on Matter Element Extension Model. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	1.9	15
113	Determining the optimal pumping duration of transient pumping tests for estimating hydraulic properties of leaky aquifers using global curve-fitting method: a simulation approach. <i>Environmental Earth Sciences</i> , 2014, 71, 293-299.	2.7	15
114	Improved partial trend method to detect rainfall trends in Hainan Island. <i>Theoretical and Applied Climatology</i> , 2019, 137, 2539-2547.	2.8	15
115	Groundwater contamination risk assessment using intrinsic vulnerability, pollution loading and groundwater value: a case study in Yinchuan plain, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 45591-45604.	5.3	15
116	Long-term monitoring of hydrochemical characteristics and nitrogen pollution in the groundwater of Yinchuan area, Yinchuan basin of northwest China. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	14
117	Groundwater vulnerability and contamination risk assessment of the Weining Plain, using a modified DRASTIC model and quantized pollution loading method. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	1.3	13
118	Characterizing replenishment water, lake water and groundwater interactions by numerical modelling in arid regions: a case study of Shahu Lake. <i>Hydrological Sciences Journal</i> , 0, , 1-10.	2.6	12
119	Response mechanism of permeability change of remolded loess to seepage parameters. <i>Journal of Hydrology</i> , 2022, 612, 128224.	5.4	12
120	Changes of $\delta^{18}O$ and δ^2D along the Dousitu River, Inner Mongolia, China, and their evidence of river water evaporation. <i>Aquatic Geochemistry</i> , 2007, 13, 127-142.	1.3	11
121	Hydrochemical Characteristic of Groundwater and Its Impact on Crop Yields in the Baojixia Irrigation Area, China. <i>Water (Switzerland)</i> , 2020, 12, 1443.	2.7	11
122	Characterization of macropore structure of remolded loess and analysis of hydraulic conductivity anisotropy using X-ray computed tomography technology. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	11
123	Microscale evidence for and formation mechanisms of shear-strength anisotropy of a loess-paleosol sequence since the late Early Pleistocene: The case study of the Xiushidu profile, Southern Chinese loess Plateau. <i>Catena</i> , 2022, 213, 106228.	5.0	11
124	Investigating saturated hydraulic conductivity of remolded loess subjected to CaCl ₂ solution of varying concentrations. <i>Journal of Hydrology</i> , 2022, 612, 128135.	5.4	11
125	Characteristics of Spatial-Temporal Evolution of Meteorological Drought in the Ningxia Hui Autonomous Region of Northwest China. <i>Water (Switzerland)</i> , 2018, 10, 992.	2.7	10
126	Effects of Zr Additive on Microstructure, Mechanical Properties, and Fractography of Al-Si Alloy. <i>Metals</i> , 2018, 8, 124.	2.3	10

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127	Mixing Precipitation of CaCO ₃ in Natural Waters. <i>Water (Switzerland)</i> , 2013, 5, 1712-1722.	2.7	9
128	Selecting Proper Method for Groundwater Interpolation Based on Spatial Correlation. , 2013, , .		8
129	Groundwater Pollution in and Around a Paper Wastewater-Irrigated Area, Northwest China. , 2013, , .		8
130	Turning sewage sludge into sintering fuel based on the pyrolysis I: lipid content and residual metal. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26912-26924.	5.3	8
131	Response of grain-size components of loess-paleosol sequence to Quaternary climate in the Southern Loess Plateau, China. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	8
132	Research and Application of Groundwater Numerical Simulation-A Case Study in Balasu Water Source. <i>Procedia Environmental Sciences</i> , 2011, 8, 146-152.	1.4	7
133	Transport Characteristics of Nitrite in a Shallow Sedimentary Aquifer in Northwest China as Determined by a 12-Day Soil Column Experiment. <i>Exposure and Health</i> , 2016, 8, 381-387.	4.9	7
134	The role of sodium carbonate in PAM coagulation-flocculation for oil acidized wastewater treatment. <i>Water Science and Technology</i> , 2018, 77, 2677-2686.	2.5	7
135	Permeability and paleoenvironmental implications of loessâ€œpaleosol sequence from Jingyang Loess Plateau. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	7
136	Monitoring Water and Energy Cycles at Climate Scale in the Third Pole Environment (CLIMATE-TPE). <i>Remote Sensing</i> , 2021, 13, 3661.	4.0	7
137	Vertical distribution characteristics of soil moisture with different strata in deep profile in Guanzhong Basin, China. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	6
138	Variation in Runoff Series Regimes and the Impacts of Human Activities in the Upper Yellow River Basin. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 1071-1082.	1.2	6
139	Spatial distribution characteristics of irrigation water quality assessment in the Central-Western Guanzhong Basin, China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 647, 012143.	0.3	5
140	Temporal variability in extremes of daily precipitation, daily maximum and minimum temperature in Shaanxi, China. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 215, 105585.	1.6	5
141	Calculation of pH Values for Mixed Waters. <i>E-Journal of Chemistry</i> , 2011, 8, 657-664.	0.5	4
142	Variations of Hydrogeochemical Characteristics of Shallow Groundwater Caused by Agricultural Activities. <i>Asian Journal of Chemistry</i> , 2013, 25, 7441-7444.	0.3	4
143	Analysis of Evolvement for Confined Water Cone of Depression and its Influence on Groundwater Resource Sustainability in Yinchuan Area. <i>Advanced Materials Research</i> , 0, 1073-1076, 1656-1659.	0.3	4
144	Insight into the environmental significance of grain-size fractal and pedogenesis of a typical loess and paleosol sequence. <i>Catena</i> , 2022, 215, 106337.	5.0	4

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145	Numerical Simulation of the Groundwater in Bulang River- Red Stone Bridge Water Source. <i>Procedia Environmental Sciences</i> , 2011, 8, 140-145.	1.4	3
146	Application of fuzzy comprehensive evaluation method using entropy weight in groundwater quality evaluation: A case study on Xianyang, China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 467, 012146.	0.3	3
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