

He-rong Gui

List of Publications by Year in descending order

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48
papers

684
citations

567281

15
h-index

642732

23
g-index

48
all docs

48
docs citations

48
times ranked

433
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollution characteristics, source apportionment, and health risk of heavy metals in street dust of Suzhou, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1987-1998.	5.3	74
2	Types of water hazards in China coalmines and regional characteristics. <i>Natural Hazards</i> , 2016, 84, 1501-1512.	3.4	64
3	Hydrochemical Characteristics and Water Quality Evaluation of Rivers in Different Regions of Cities: A Case Study of Suzhou City in Northern Anhui Province, China. <i>Water (Switzerland)</i> , 2020, 12, 950.	2.7	33
4	Hydrochemical characteristics and quality assessment of deep groundwater from the coal-bearing aquifer of the Linhuan coal-mining district, Northern Anhui Province, China. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 202.	2.7	31
5	Water-inrush mechanism research mining above karst confined aquifer and applications in North China coalmines. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	1.3	30
6	Chemical speciation distribution characteristics and ecological risk assessment of heavy metals in soil from Sunan mining area, Anhui Province, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 1694-1709.	3.4	27
7	Hydrochemical characteristics and water quality evaluation of shallow groundwater in Suxian mining area, Huaibei coalfield, China. <i>International Journal of Coal Science and Technology</i> , 2020, 7, 825-835.	6.0	27
8	Identification and Application of Roof Bed Separation (Water) in Coal Mines. <i>Mine Water and the Environment</i> , 2018, 37, 376-384.	2.0	23
9	Human health risk assessment of trace elements in shallow groundwater of the Linhuan coal-mining district, Northern Anhui Province, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 1342-1351.	3.4	23
10	Hydrogeochemistry characteristic contrasts between low- and high-antimony in shallow drinkable groundwater at the largest antimony mine in hunan province, China. <i>Applied Geochemistry</i> , 2020, 117, 104584.	3.0	23
11	Rare earth element geochemistry of groundwaters from coal bearing aquifer in Renlou coal mine, northern Anhui Province, China. <i>Journal of Rare Earths</i> , 2011, 29, 185-192.	4.8	21
12	Establishment of water source discrimination model in coal mine by using hydrogeochemistry and statistical analysis: a case study from Renlou Coal Mine in northern Anhui Province, China. <i>Science in China Series A: Mathematics</i> , 2012, 18, 385-389.	0.2	21
13	Heavy metals contamination in shallow groundwater of a coal-mining district and a probabilistic assessment of its human health risk. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 548-563.	3.4	19
14	Characteristics and source identification of heavy metals in abandoned coal-mining soil: a case study of Zhuxianzhuang coal mine in Huaibei coalfield (Anhui, China). <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 708-723.	3.4	19
15	Hydrogeochemical Characteristics and Water Quality Evaluation of Carboniferous Taiyuan Formation Limestone Water in Sulin Mining Area in Northern Anhui, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2512.	2.6	18
16	Evaluation of changes in groundwater quality caused by a water inrush event in Taoyuan coal mine, China. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	18
17	Monitoring of flow field based on stable isotope geochemical characteristics in deep groundwater. <i>Environmental Monitoring and Assessment</i> , 2011, 179, 487-498.	2.7	17
18	Overview of goaf water hazards control in China coalmines. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	14

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19	Contrasting water-rock interaction behaviors of antimony and arsenic in contaminated rivers around an antimony mine, Hunan Province, China. <i>Chemie Der Erde</i> , 2021, 81, 125748.	2.0	13
20	Groundwater pollution and human health risk based on Monte Carlo simulation in a typical mining area in Northern Anhui Province, China. <i>International Journal of Coal Science and Technology</i> , 2021, 8, 1118-1129.	6.0	13
21	Anthropogenic impacts on heavy metal concentrations in surface soils from the typical polluted area of Bengbu, Anhui province, Eastern China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 1763-1774.	3.4	12
22	Research on preventive technologies for bed-separation water hazard in China coal mines. <i>Applied Water Science</i> , 2018, 8, 1.	5.6	12
23	Features of separation water hazard in China coalmines. <i>Water Practice and Technology</i> , 2017, 12, 146-155.	2.0	11
24	Hydrogeochemical characteristics and water quality assessment of shallow groundwater: a case study from Linhuan coal-mining district in northern Anhui Province, China. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 1572-1578.	2.1	11
25	Distribution features and internal relations of heavy metals in soil-maize system of mining area, Anhui Province, Eastern China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 863-881.	3.4	11
26	Hydrogeochemistry of Water in Coal Measures during Grouting Treatment of Taoyuan Mine, China. <i>Ground Water</i> , 2021, 59, 256-265.	1.3	11
27	Risks Assessment Associated with Different Sources of Metals in Abandoned Soil of Zhuxianzhuang Coal Mine, Huaibei Coalfield (Anhui, China). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 370-376.	2.7	9
28	Spatial distribution, source identification, and health risk assessment of fluoride in the drinking groundwater in the Sulin coal district, northern Anhui Province, China. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 2444-2462.	2.1	9
29	Rare earth element geochemistry of groundwater from a deep seated sandstone aquifer, northern Anhui province, China. <i>Mining Science and Technology</i> , 2011, 21, 477-482.	0.3	7
30	Characteristics of Soil Heavy Metal Contents and its Source Analysis in Affected Areas of Luning Coal Mine in Huaibei Coalfield. <i>Polish Journal of Environmental Studies</i> , 2021, 30, 1465-1476.	1.2	7
31	Characteristics of Dissolved Organic Matter Content in Urban Rivers under Different Environmental Impact Zones: A case study of China's Tuo River. <i>Polish Journal of Environmental Studies</i> , 2020, 29, 3891-3900.	1.2	7
32	Evaluation of the difference in water quality between urban and suburban rivers based on self-organizing map. <i>Acta Geophysica</i> , 2021, 69, 1855-1864.	2.0	6
33	An overview of surface water hazards in China coal mines and disaster-causing mechanism. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	5
34	Geochemical characteristics, palaeoenvironment, and provenance of marine mudstone in Shanxi Formation of Huaibei Coalfield, southern North China Plate. <i>Geological Journal</i> , 2021, 56, 3064-3080.	1.3	5
35	A combined model to quantitatively assess human health risk from different sources of heavy metals in soils around coal waste pile. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 2235-2253.	3.4	5
36	Heavy metals in deep groundwater within coal mining area, northern Anhui province, China: concentration, relationship, and source apportionment. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	4

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37	Patterns of gob-water inrush in Chinese coalmines. <i>Water Practice and Technology</i> , 2017, 12, 444-452.	2.0	4
38	Geochemical characteristics and geological significance of chert nodules in Qixia formation, Pingding Mountain, lower Yangtze Plate. <i>Journal of Mountain Science</i> , 2021, 18, 88-100.	2.0	4
39	Characterization of a Lacustrine Shale Reservoir and the Evolution of its Nanopores: A Case Study of the Upper Cretaceous Qingshankou Formation in the Songliao Basin, Northeastern China. <i>Acta Geologica Sinica</i> , 2020, 94, 337-351.	1.4	3
40	Study on hydrogeochemical connection and water quality assessment of subsidence lake and shallow groundwater in Luling coal-mining area of the Huaibei coalfield, Eastern China. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 1735-1750.	2.1	3
41	Hydrochemical characteristics and hydraulic connection of shallow and mid-layer water in typical mining area: a case study from Sulin mining area in Northern Anhui, China. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 5149-5160.	2.1	3
42	Technical research on controlling major karst water hazards in China coalmines. <i>Water Practice and Technology</i> , 2016, 11, 661-671.	2.0	2
43	Hydrogeochemical Processes and Quality Assessment of Groundwater in Sulin Mining Area, Northern Anhui Province, China. <i>Water Resources</i> , 2021, 48, 991-1000.	0.9	2
44	Numerical Simulation Applied in Identification of Roof Bed Separation for Mining Thick Coal Seam Under Nappe Structure. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 221, 012091.	0.3	1
45	Overview of surface water hazards in China coalmines. <i>Water Practice and Technology</i> , 2019, 14, 851-862.	2.0	1
46	Hydrogeochemistry mechanism contrasts between low and high sulfate in limestone aquifers at the massive coalfield in Anhui province, China. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 6978-6993.	2.1	1
47	Study on Water-Sand Inrush Mechanism for Mining Under Pore Water in China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 362, 012028.	0.3	0
48	A Well Temperature Correction Based on the Least Squares Method and its Application in a Coal Mining Area, China. <i>Natural Resources Research</i> , 2021, 30, 2287-2296.	4.7	0