Weiduo Hao

List of Publications by Year
in descending order

25 papers	464 citations	687363 13 h-index	713466 21 g-index
26 all docs	26 docs citations	26 times ranked	441 citing authors

#	Article	IF	Citations
1	Mineral paragenesis in Paleozoic manganese ore deposits: Depositional versus post-depositional formation processes. Geochimica Et Cosmochimica Acta, 2022, 325, 65-86.	3.9	8
2	Binding and transport of Cr(III) by clay minerals during the Great Oxidation Event. Earth and Planetary Science Letters, 2022, 584, 117503.	4.4	3
3	The influence of invertebrate faecal material on compositional heterogeneity, diagenesis and trace metal distribution in the Ogeechee River estuary, Georgia, USA. Sedimentology, 2021, 68, 788-804.	3.1	0
4	Spectroscopic and Modeling Investigation of Sorption of Pb(II) to ZSM-5 Zeolites. ACS ES&T Water, 2021, 1, 108-116.	4.6	7
5	Experimental evidence supports early silica cementation of the Ediacara Biota. Geology, 2021, 49, 51-55.	4.4	17
6	Surface reactivity of the cyanobacterium Synechocystis sp. PCC 6803 â€“ Implications for trace metals transport to the oceans. Chemical Geology, 2021, 562, 120045.	3.3	3
7	Trace Elemental Partitioning on Clays Derived From Hydrothermal Muds of the El Tatio Geyser Field, Chile. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021422.	3.4	3
8	The kaolinite shuttle links the Great Oxidation and Lomagundi events. Nature Communications, 2021, 12, 2944.	12.8	19
9	Lead (Pb) sorption to hydrophobic and hydrophilic zeolites in the presence and absence of MTBE. Journal of Hazardous Materials, 2021, 420, 126528.	12.4	11
10	Depositional and Environmental Constraints on the Late Neoarchean Dagushan Deposit (Anshan-Benxi) Tj ETQq0 0 0 rgBT /Overlock 10 1575-1597.	3.8	10
11	Mineralogy and geochemical investigation of Cambrian and Ordovicianâ€“Silurian shales in South China: Implication for potential environment pollutions. Geological Journal, 2020, 55, 477-500.	1.3	5
12	<i>Diopatra cuprea</i>worm burrow parchment: a cautionary tale of infaunal surface reactivity. Lethaia, 2020, 53, 47-61.	1.4	7
13	Clay minerals as a source of cadmium to estuaries. Scientific Reports, 2020, 10, 10417.	3.3	24
14	Hydrothermally induced 34S enrichment in pyrite as an alternative explanation of the Late-Devonian sulfur isotope excursion in South China. Geochimica Et Cosmochimica Acta, 2020, 283, 1-21.	3.9	22
15	Effect of Acidic Conditions on Surface Properties and Metal Binding Capacity of Clay Minerals. ACS Earth and Space Chemistry, 2019, 3, 2421-2429.	2.7	24
16	The impact of ionic strength on the proton reactivity of clay minerals. Chemical Geology, 2019, 529, 119294.	3.3	27
17	Nutrient recovery from source-diverted blackwater: Optimization for enhanced phosphorus recovery and reduced co-precipitation. Journal of Cleaner Production, 2019, 235, 417-425.	9.3	17
18	Biogeochemistry of U, Ni, and As in two meromictic pit lakes at the Cluff Lake uranium mine, northern Saskatchewan. Canadian Journal of Earth Sciences, 2018, 55, 463-474.	1.3	10

#	Article	IF	Citations
19	Trace and rare earth element (REE) characteristics of mudstones from Eocene Pinghu Formation and Oligocene Huagang Formation in Xihu Sag, East China Sea Basin: Implications for provenance, depositional conditions and paleoclimate. Marine and Petroleum Geology, 2018, 92, 20-36.	3.3	71
20	Acid-base properties of kaolinite, montmorillonite and illite at marine ionic strength. Chemical Geology, 2018, 483, 191-200.	3.3	39
21	Change of the point of zero net proton charge (pHPZNPC) of clay minerals with ionic strength. Chemical Geology, 2018, 493, 458-467.	3.3	49
22	A cut-off grade for gold and gallium in coal. Fuel, 2015, 147, 62-66.	6.4	21
23	Partitioning of elements from coal by different solvents extraction. Fuel, 2014, 125, 73-80.	6.4	16
24	Effect of coal mining activities on the environment of Tetraena mongolica in Wuhai, Inner Mongolia, Chinaâ€"A geochemical perspective. International Journal of Coal Geology, 2014, 132, 94-102.	5.0	45
25	Ash limitation of physical coal beneficiation for mediumâ€"high ash coalâ€"A geochemistry perspective. Fuel, 2014, 135, 83-90.	6.4	5