

# Weiduo Hao

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

464  
citations

687363

13  
h-index

713466

21  
g-index

26  
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26  
docs citations

26  
times ranked

441  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Marine and Petroleum Geology</i> , 2018, 92, 20-36.	3.3	71
2	Change of the point of zero net proton charge (pHPZNPC) of clay minerals with ionic strength. <i>Chemical Geology</i> , 2018, 493, 458-467.	3.3	49
3	Effect of coal mining activities on the environment of <i>Tetraena mongolica</i> in Wuhai, Inner Mongolia, China—A geochemical perspective. <i>International Journal of Coal Geology</i> , 2014, 132, 94-102.	5.0	45
4	Acid-base properties of kaolinite, montmorillonite and illite at marine ionic strength. <i>Chemical Geology</i> , 2018, 483, 191-200.	3.3	39
5	The impact of ionic strength on the proton reactivity of clay minerals. <i>Chemical Geology</i> , 2019, 529, 119294.	3.3	27
6	Effect of Acidic Conditions on Surface Properties and Metal Binding Capacity of Clay Minerals. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2421-2429.	2.7	24
7	Clay minerals as a source of cadmium to estuaries. <i>Scientific Reports</i> , 2020, 10, 10417.	3.3	24
8	Hydrothermally induced <sup>34</sup> S enrichment in pyrite as an alternative explanation of the Late-Devonian sulfur isotope excursion in South China. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 283, 1-21.	3.9	22
9	A cut-off grade for gold and gallium in coal. <i>Fuel</i> , 2015, 147, 62-66.	6.4	21
10	The kaolinite shuttle links the Great Oxidation and Lomagundi events. <i>Nature Communications</i> , 2021, 12, 2944.	12.8	19
11	Nutrient recovery from source-diverted blackwater: Optimization for enhanced phosphorus recovery and reduced co-precipitation. <i>Journal of Cleaner Production</i> , 2019, 235, 417-425.	9.3	17
12	Experimental evidence supports early silica cementation of the Ediacara Biota. <i>Geology</i> , 2021, 49, 51-55.	4.4	17
13	Partitioning of elements from coal by different solvents extraction. <i>Fuel</i> , 2014, 125, 73-80.	6.4	16
14	Lead (Pb) sorption to hydrophobic and hydrophilic zeolites in the presence and absence of MTBE. <i>Journal of Hazardous Materials</i> , 2021, 420, 126528.	12.4	11
15	Biogeochemistry of U, Ni, and As in two meromictic pit lakes at the Cluff Lake uranium mine, northern Saskatchewan. <i>Canadian Journal of Earth Sciences</i> , 2018, 55, 463-474.	1.3	10
16	Depositional and Environmental Constraints on the Late Neoproterozoic Dagushan Deposit (Anshan-Benxi) Tj ETQq0 0 0 rgBT /Overlock 10 1575-1597.	3.8	10
17	Mineral paragenesis in Paleozoic manganese ore deposits: Depositional versus post-depositional formation processes. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 325, 65-86.	3.9	8
18	<i>Diopatra cuprea</i> worm burrow parchment: a cautionary tale of infaunal surface reactivity. <i>Lethaia</i> , 2020, 53, 47-61.	1.4	7

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19	Spectroscopic and Modeling Investigation of Sorption of Pb(II) to ZSM-5 Zeolites. ACS ES&T Water, 2021, 1, 108-116.	4.6	7
20	Ash limitation of physical coal beneficiation for medium- to high ash coal: A geochemistry perspective. Fuel, 2014, 135, 83-90.	6.4	5
21	Mineralogy and geochemical investigation of Cambrian and Ordovician- to Silurian shales in South China: Implication for potential environment pollutions. Geological Journal, 2020, 55, 477-500.	1.3	5
22	Surface reactivity of the cyanobacterium Synechocystis sp. PCC 6803: Implications for trace metals transport to the oceans. Chemical Geology, 2021, 562, 120045.	3.3	3
23	Trace Elemental Partitioning on Clays Derived From Hydrothermal Muds of the El Tatio Geysir Field, Chile. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021422.	3.4	3
24	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
25	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