Gildas RatiÃ©

List of Publications by Year
in descending order

16 papers	375 citations	933447 10 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	436 citing authors

#	Article	IF	Citations
1	Nickel isotope fractionation during tropical weathering of ultramafic rocks. Chemical Geology, 2015, 402, 68-76.	3.3	83
2	Cadmium Isotope Fractionation during Complexation with Humic Acid. Environmental Science & Technology, 2021, 55, 7430-7444.	10.0	37
3	Nickel isotope fractionation during laterite Ni ore smelting and refining: Implications for tracing the sources of Ni in smelter-affected soils. Applied Geochemistry, 2016, 64, 136-145.	3.0	35
4	Rock-type control of Ni, Cr, and Co phytoavailability in ultramafic soils. Plant and Soil, 2018, 423, 339-362.	3.7	34
5	Nickel distribution and isotopic fractionation in a Brazilian lateritic regolith: Coupling Ni isotopes and Ni K-edge XANES. Geochimica Et Cosmochimica Acta, 2018, 230, 137-154.	3.9	33
6	Leaching behaviour of slag and fly ash from laterite nickel ore smelting (NiquelÃ¢ndia, Brazil). Applied Geochemistry, 2016, 64, 118-127.	3.0	28
7	Metal isotope complexation with environmentally relevant surfaces: Opening the isotope fractionation black box. Critical Reviews in Environmental Science and Technology, 2022, 52, 3573-3603.	12.8	23
8	Iron speciation at the riverbank surface in wetland and potential impact on the mobility of trace metals. Science of the Total Environment, 2019, 651, 443-455.	8.0	22
9	The behavior of nickel isotopes at the biogeochemical interface between ultramafic soils and Ni accumulator species. Journal of Geochemical Exploration, 2019, 196, 182-191.	3.2	20
10	Multiple pollution sources unravelled by environmental forensics techniques and multivariate statistics. Journal of Hazardous Materials, 2022, 424, 127413.	12.4	20
11	Innovative in situ remediation of mine waters using a layered double hydroxide-biochar composite. Journal of Hazardous Materials, 2022, 424, 127136.	12.4	11
12	Oral bioaccessibility of inorganic contaminants in waste dusts generated by laterite Ni ore smelting. Environmental Geochemistry and Health, 2018, 40, 1699-1712.	3.4	10
13	Cadmium isotope systematics for source apportionment in an urbanâ€“rural region. Applied Geochemistry, 2022, 137, 105196.	3.0	7
14	Investigation of Fe isotope systematics for the complete sequence of natural and metallurgical processes of Ni lateritic ores: Implications for environmental source tracing. Applied Geochemistry, 2021, 127, 104930.	3.0	6
15	Antagonistic Cd and Zn isotope behavior in the extracted soil fractions from industrial areas. Journal of Hazardous Materials, 2022, 439, 129519.	12.4	4
16	Cerium anomalies in riverbanks: Highlight into the role of ferric deposits. Science of the Total Environment, 2020, 713, 136544.	8.0	2