

Carolin F Kerl

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

427
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic speciation analysis in porewater by a novel colorimetric assay. <i>Science of the Total Environment</i> , 2022, 827, 154155.	8.0	3
2	Dimethylmonothioarsenate Is Highly Toxic for Plants and Readily Translocated to Shoots. <i>Environmental Science & Technology</i> , 2022, 56, 10072-10083.	10.0	8
3	Potential of high pH and reduced sulfur for arsenic mobilization – Insights from a Finnish peatland treating mining waste water. <i>Science of the Total Environment</i> , 2021, 758, 143689.	8.0	12
4	Detection of Thioarsenates in Rice Grains and Rice Products. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2287-2294.	5.2	28
5	Relative Abundance of Thiolated Species of As, Mo, W, and Sb in Hot Springs of Yellowstone National Park and Iceland. <i>Environmental Science & Technology</i> , 2020, 54, 4295-4304.	10.0	23
6	Thiolated arsenic species observed in rice paddy pore waters. <i>Nature Geoscience</i> , 2020, 13, 282-287.	12.9	70
7	Arsenic Fate in Peat Controlled by the pH-Dependent Role of Reduced Sulfur. <i>Environmental Science & Technology</i> , 2020, 54, 6682-6692.	10.0	21
8	Iron Plaque at Rice Roots: No Barrier for Methylated Thioarsenates. <i>Environmental Science & Technology</i> , 2019, 53, 13666-13674.	10.0	25
9	Rice production threatened by coupled stresses of climate and soil arsenic. <i>Nature Communications</i> , 2019, 10, 4985.	12.8	146
10	Methylated Thioarsenates and Monothioarsenate Differ in Uptake, Transformation, and Contribution to Total Arsenic Translocation in Rice Plants. <i>Environmental Science & Technology</i> , 2019, 53, 5787-5796.	10.0	39
11	Monothioarsenate Uptake, Transformation, and Translocation in Rice Plants. <i>Environmental Science & Technology</i> , 2018, 52, 9154-9161.	10.0	23
12	Experimental Confirmation of Isotope Fractionation in Thiomolybdates Using Ion Chromatographic Separation and Detection by Multicollector ICPMS. <i>Analytical Chemistry</i> , 2017, 89, 3123-3129.	6.5	29