Carolin F Kerl

List of Publications by Year
in descending order

12	427	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	408
all docs	docs citations	times ranked	citing authors

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