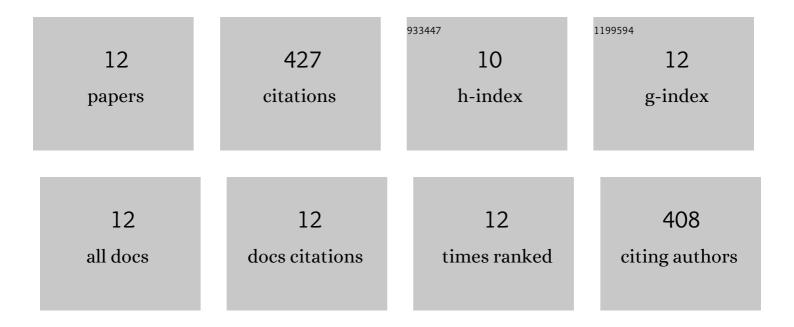
## Carolin F Kerl

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2545405/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Arsenic speciation analysis in porewater by a novel colorimetric assay. Science of the Total Environment, 2022, 827, 154155.	8.0	3
2	Dimethylmonothioarsenate Is Highly Toxic for Plants and Readily Translocated to Shoots. Environmental Science & Technology, 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. Science of the Total Environment, 2021, 758, 143689.	8.0	12
4	Detection of Thioarsenates in Rice Grains and Rice Products. Journal of Agricultural and Food Chemistry, 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. Environmental Science & Technology, 2020, 54, 4295-4304.	10.0	23
6	Thiolated arsenic species observed in rice paddy pore waters. Nature Geoscience, 2020, 13, 282-287.	12.9	70
7	Arsenic Fate in Peat Controlled by the pH-Dependent Role of Reduced Sulfur. Environmental Science & Technology, 2020, 54, 6682-6692.	10.0	21
8	Iron Plaque at Rice Roots: No Barrier for Methylated Thioarsenates. Environmental Science & Technology, 2019, 53, 13666-13674.	10.0	25
9	Rice production threatened by coupled stresses of climate and soil arsenic. Nature Communications, 2019, 10, 4985.	12.8	146
10	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
11	Monothioarsenate Uptake, Transformation, and Translocation in Rice Plants. Environmental Science & Technology, 2018, 52, 9154-9161.	10.0	23
12	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