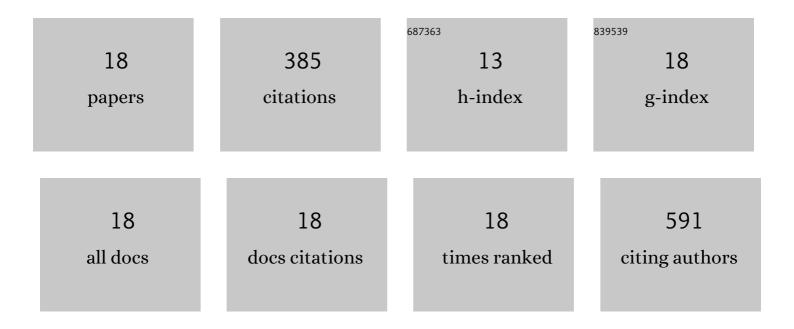
Andreas Fritzsche

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------------|-------------|
| 1 | Remediation of zinc-contaminated groundwater by iron oxide in situ adsorption barriers – From lab to the field. Science of the Total Environment, 2022, 807, 151066. | 8.0 | 18 |
| 2 | In Situ Remediation of Arsenic-Contaminated Groundwater by Injecting an Iron Oxide Nanoparticle-Based Adsorption Barrier. Water (Switzerland), 2022, 14, 1998. | 2.7 | 3 |
| 3 | Field-scale demonstration of in situ immobilization of heavy metals by injecting iron oxide nanoparticle adsorption barriers in groundwater. Journal of Contaminant Hydrology, 2021, 237, 103741. | 3.3 | 22 |
| 4 | Organic Matter from Redoximorphic Soils Accelerates and Sustains Microbial Fe(III) Reduction. Environmental Science & Technology, 2021, 55, 10821-10831. | 10.0 | 22 |
| 5 | Exposure of humic acid-coated goethite colloids to groundwater does not affect their adsorption of metal(loid)s and their impact on Daphnid mobility. Science of the Total Environment, 2021, 797, 149153. | 8.0 | 3 |
| 6 | A systematic evaluation of Flow Field Flow Fractionation and single-particle ICP-MS to obtain the size distribution of organo-mineral iron oxyhydroxide colloids. Journal of Chromatography A, 2019, 1599, 203-214. | 3.7 | 17 |
| 7 | Identification and quantification of single constituents in groundwater with Fourier-transform infrared spectroscopy and Positive Matrix Factorization. Vibrational Spectroscopy, 2019, 100, 152-158. | 2.2 | 6 |
| 8 | Efficient removal of arsenate from oxic contaminated water by colloidal humic acid-coated goethite: Batch and column experiments. Journal of Cleaner Production, 2018, 189, 510-518. | 9.3 | 32 |
| 9 | Steel pickling rinse water sludge: Concealed formation of Cr(VI) driven by the enhanced oxidation of nitrite. Journal of Environmental Chemical Engineering, 2017, 5, 2163-2170. | 6.7 | 7 |
| 10 | Colloidal-Bound Polyphosphates and Organic Phosphates Are Bioavailable: A Nutrient Solution Study. Journal of Agricultural and Food Chemistry, 2017, 65, 6762-6770. | 5.2 | 21 |
| 11 | The composition of mobile matter in a floodplain topsoil: A comparative study with soil columns and field lysimeters. Journal of Plant Nutrition and Soil Science, 2016, 179, 18-28. | 1.9 | 7 |
| 12 | Structure and composition of Fe–OM co-precipitates that form in soil-derived solutions. Geochimica Et Cosmochimica Acta, 2015, 169, 167-183. | 3.9 | 33 |
| 13 | Size- and Composition-Dependent Toxicity of Synthetic and Soil-Derived Fe Oxide Colloids for the Nematode <i>Caenorhabditis elegans</i> . Environmental Science & Technology, 2015, 49, 544-552. | 10.0 | 36 |
| 14 | Fast microbial reduction of ferrihydrite colloids from a soil effluent. Geochimica Et Cosmochimica Acta, 2012, 77, 444-456. | 3.9 | 27 |
| 15 | Arsenic strongly associates with ferrihydrite colloids formed in a soil effluent. Environmental Pollution, 2011, 159, 1398-1405. | 7.5 | 71 |
| 16 | Nanosized Ferrihydrite Colloids Facilitate Microbial Iron Reduction under Flow Conditions. Geomicrobiology Journal, 2010, 27, 123-129. | 2.0 | 23 |
| 17 | Arsenic Transformation by Azospirillum Brasilense Sp245 in Association with Wheat (Triticum) Tj ETQq1 1 0.784 | 314 rgBT / | Overlock 10 |
| | Arconic fivation on iron hydrovide rich and plant litter containing addiments in patural | | |

Arsenic fixation on iron-hydroxide-rich and plant litter-containing sediments in natural environments. Environmental Geology, 2006, 51, 133-142.

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