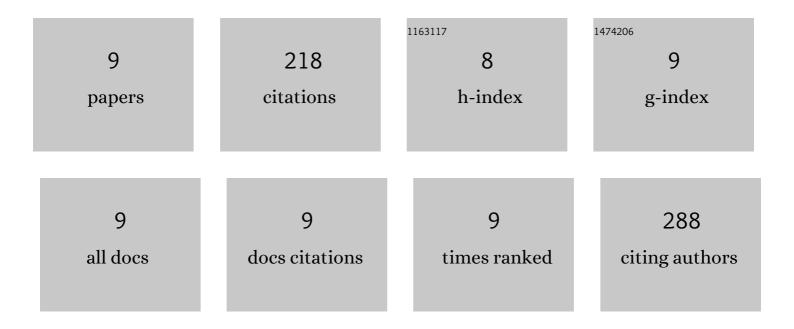
## Markus Maisch

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4442755/publications.pdf Version: 2024-02-01



MADKIIS MAISCH

| # | Article   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Aggregation-dependent electron transfer via redox-active biochar particles stimulate microbial ferrihydrite reduction. Science of the Total Environment, 2020, 703, 135515.   | 8.0  | 57        |
| 2 | Iron Lung: How Rice Roots Induce Iron Redox Changes in the Rhizosphere and Create Niches for<br>Microaerophilic Fe(II)-Oxidizing Bacteria. Environmental Science and Technology Letters, 2019, 6,<br>600-605.                     | 8.7  | 55        |
| 3 | Contribution of Microaerophilic Iron(II)-Oxidizers to Iron(III) Mineral Formation. Environmental<br>Science & Technology, 2019, 53, 8197-8204.  | 10.0 | 40        |
| 4 | From Plant to Paddy—How Rice Root Iron Plaque Can Affect the Paddy Field Iron Cycling. Soil Systems, 2020, 4, 28.   | 2.6  | 19        |
| 5 | H2-fuelled microbial metabolism in Opalinus Clay. Applied Clay Science, 2019, 174, 69-76.   | 5.2  | 14        |
| 6 | Oxic Fe(III) reduction could have generated Fe(II) in the photic zone of Precambrian seawater.<br>Scientific Reports, 2018, 8, 4238.  | 3.3  | 11        |
| 7 | Evolution of (Bioâ€)Geochemical Processes and Diagenetic Alteration of Sediments Along the Tectonic<br>Migration of Ocean Floor in the Shikoku Basin off Japan. Geochemistry, Geophysics, Geosystems, 2021,<br>22, e2020GC009585. | 2.5  | 11        |
| 8 | Chromium (VI) removal kinetics by magnetite-coated sand: Small-scale flow-through column experiments. Journal of Hazardous Materials, 2021, 415, 125648.  | 12.4 | 9         |
| 9 | Laboratory Simulation of an Iron(II)-rich Precambrian Marine Upwelling System to Explore the Growth of Photosynthetic Bacteria. Journal of Visualized Experiments, 2016, , .  | 0.3  | 2         |