

# Markus Maisch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4442755/publications.pdf>

Version: 2024-02-01

9  
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1163117  
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docs citations

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288  
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#	ARTICLE	IF	CITATIONS
1	Aggregation-dependent electron transfer via redox-active biochar particles stimulate microbial ferrihydrite reduction. <i>Science of the Total Environment</i> , 2020, 703, 135515.	8.0	57
2	Iron Lung: How Rice Roots Induce Iron Redox Changes in the Rhizosphere and Create Niches for Microaerophilic Fe(II)-Oxidizing Bacteria. <i>Environmental Science and Technology Letters</i> , 2019, 6, 600-605.	8.7	55
3	Contribution of Microaerophilic Iron(II)-Oxidizers to Iron(III) Mineral Formation. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8197-8204.	10.0	40
4	From Plant to Paddy—How Rice Root Iron Plaque Can Affect the Paddy Field Iron Cycling. <i>Soil Systems</i> , 2020, 4, 28.	2.6	19
5	H <sub>2</sub> -fuelled microbial metabolism in Opalinus Clay. <i>Applied Clay Science</i> , 2019, 174, 69-76.	5.2	14
6	Oxic Fe(III) reduction could have generated Fe(II) in the photic zone of Precambrian seawater. <i>Scientific Reports</i> , 2018, 8, 4238.	3.3	11
7	Evolution of (Bio)Geochemical Processes and Diagenetic Alteration of Sediments Along the Tectonic Migration of Ocean Floor in the Shikoku Basin off Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009585.	2.5	11
8	Chromium (VI) removal kinetics by magnetite-coated sand: Small-scale flow-through column experiments. <i>Journal of Hazardous Materials</i> , 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. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	2