

# Johannes Harter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9794397/publications.pdf>

Version: 2024-02-01

10  
papers

1,725  
citations

932766

10  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

2430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Linking N <sub>2</sub> O emissions from biochar-amended soil to the structure and function of the N-cycling microbial community. ISME Journal, 2014, 8, 660-674.	4.4	484
2	Biochar as an Electron Shuttle between Bacteria and Fe(III) Minerals. Environmental Science and Technology Letters, 2014, 1, 339-344.	3.9	432
3	Organic coating on biochar explains its nutrient retention and stimulation of soil fertility. Nature Communications, 2017, 8, 1089.	5.8	371
4	Soil biochar amendment shapes the composition of N <sub>2</sub> O-reducing microbial communities. Science of the Total Environment, 2016, 562, 379-390.	3.9	117
5	The distribution of active iron-cycling bacteria in marine and freshwater sediments is decoupled from geochemical gradients. Environmental Microbiology, 2018, 20, 2483-2499.	1.8	76
6	Gas entrapment and microbial N <sub>2</sub> O reduction reduce N <sub>2</sub> O emissions from a biochar-amended sandy clay loam soil. Scientific Reports, 2016, 6, 39574.	1.6	65
7	Does soil aging affect the N <sub>2</sub> O mitigation potential of biochar? A combined microcosm and field study. GCB Bioenergy, 2017, 9, 953-964.	2.5	65
8	Soil biochar amendment affects the diversity of nosZ transcripts: Implications for N <sub>2</sub> O formation. Scientific Reports, 2017, 7, 3338.	1.6	55
9	Biochar affects community composition of nitrous oxide reducers in a field experiment. Soil Biology and Biochemistry, 2018, 119, 143-151.	4.2	46
10	A Highly Specific Assay for the Detection of SARS-CoV-2-Reactive CD4+ and CD8+ T Cells in COVID-19 Patients. Journal of Immunology, 2021, 206, 580-587.	0.4	14