

# Frédéric Rees

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4706780/publications.pdf>

Version: 2024-02-01

17  
papers

728  
citations

858243

12  
h-index

1113639

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bypass and hyperbole in soil science: A perspective from the next generation of soil scientists. <i>European Journal of Soil Science</i> , 2021, 72, 31-34.	1.8	1
2	Biochar-assisted phytoextraction of Cd and Zn by <i>Noccaea caerulescens</i> on a contaminated soil: A four-year lysimeter study. <i>Science of the Total Environment</i> , 2020, 707, 135654.	3.9	17
3	Microbial response to carbon and nutrient additions in boreal forest soils and coversoils used during post-mining reclamation. <i>Canadian Journal of Soil Science</i> , 2020, 100, 69-80.	0.5	3
4	Water and nutrient retention in coarse-textured soil profiles from the Athabasca oil sand region. <i>Applied Geochemistry</i> , 2020, 114, 104526.	1.4	6
5	Phytoextraction of Ni from a toxic industrial sludge amended with biochar. <i>Journal of Geochemical Exploration</i> , 2019, 196, 173-181.	1.5	14
6	Storage of carbon in constructed technosols: in situ monitoring over a decade. <i>Geoderma</i> , 2019, 337, 641-648.	2.3	23
7	Decrease in the genotoxicity of metal-contaminated soils with biochar amendments. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27634-27641.	2.7	18
8	A novel process to recover cadmium and zinc from the hyperaccumulator plant <i>Noccaea caerulescens</i> . <i>Hydrometallurgy</i> , 2017, 174, 56-65.	1.8	30
9	Metal Immobilization on Wood-Derived Biochars: Distribution and Reactivity of Carbonate Phases. <i>Journal of Environmental Quality</i> , 2017, 46, 845-854.	1.0	16
10	Metal immobilization by sludge-derived biochar: roles of mineral oxides and carbonized organic compartment. <i>Environmental Geochemistry and Health</i> , 2017, 39, 379-389.	1.8	27
11	BIOCHARS IN SOILS: TOWARDS THE REQUIRED LEVEL OF SCIENTIFIC UNDERSTANDING. <i>Journal of Environmental Engineering and Landscape Management</i> , 2016, 25, 192-207.	0.4	48
12	Toward the Standardization of Biochar Analysis: The COST Action TD1107 Interlaboratory Comparison. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 513-527.	2.4	86
13	Root development of non-accumulating and hyperaccumulating plants in metal-contaminated soils amended with biochar. <i>Chemosphere</i> , 2016, 142, 48-55.	4.2	75
14	Plant growth and metal uptake by a non-hyperaccumulating species ( <i>Lolium perenne</i> ) and a Cd-Zn hyperaccumulator ( <i>Noccaea caerulescens</i> ) in contaminated soils amended with biochar. <i>Plant and Soil</i> , 2015, 395, 57-73.	1.8	97
15	Short-term effects of biochar on soil heavy metal mobility are controlled by intra-particle diffusion and soil pH increase. <i>European Journal of Soil Science</i> , 2014, 65, 149-161.	1.8	245
16	Carbon, nitrogen and phosphorus release from peat and forest floor-based cover soils used during oil sands reclamation. <i>Canadian Journal of Soil Science</i> , 0, , .	0.5	9
17	Micropedology to reveal pedogenetic processes in Technosols. <i>Spanish Journal of Soil Science</i> , 0, 8, .	0.0	13