Dinesh Adhikari

List of Publications by Year
in descending order

14	750	758635 12	1058022 14
papers	citations	h-index	g-index

14	14	14	924
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biochar-Facilitated Microbial Reduction of Hematite. Environmental Science & Technology, 2016, 50, 2389-2395.	4.6	164
2	Dynamics of ferrihydrite-bound organic carbon during microbial Fe reduction. Geochimica Et Cosmochimica Acta, 2017, 212, 221-233.	1.6	107
3	Selective stabilization of aliphatic organic carbon by iron oxide. Scientific Reports, 2015, 5, 11214.	1.6	89
4	Spatial Associations and Chemical Composition of Organic Carbon Sequestered in Fe, Ca, and Organic Carbon Ternary Systems. Environmental Science & Technology, 2018, 52, 6936-6944.	4.6	74
5	Coupled dynamics of iron and iron-bound organic carbon in forest soils during anaerobic reduction. Chemical Geology, 2017, 464, 118-126.	1.4	57
6	Genetic diversity of soybean-nodulating rhizobia in Nepal in relation to climate and soil properties. Plant and Soil, 2012, 357, 131-145.	1.8	54
7	Asynchronous reductive release of iron and organic carbon from hematiteâ€“humic acid complexes. Chemical Geology, 2016, 430, 13-20.	1.4	44
8	Formation and redox reactivity of ferrihydrite-organic carbon-calcium co-precipitates. Geochimica Et Cosmochimica Acta, 2019, 244, 86-98.	1.6	38
9	Effects of temperature on competition and relative dominance of Bradyrhizobium japonicum and Bradyrhizobium elkanii in the process of soybean nodulation. Plant and Soil, 2014, 374, 915-924.	1.8	30
10	Aerobic respiration of mineral-bound organic carbon in a soil. Science of the Total Environment, 2019, 651, 1253-1260.	3.9	23
11	Genetic diversity of common bean (Phaseolus vulgaris L.) nodulating rhizobia in Nepal. Plant and Soil, 2013, 368, 341-353.	1.8	22
12	Application of Google earth engine python API and NAIP imagery for land use and land cover classification: A case study in Florida, USA. Ecological Informatics, 2021, 66, 101474.	2.3	22
13	Oxidation of soil organic carbon during an anoxic-oxic transition. Geoderma, 2020, 377, 114584.	2.3	15
14	Biogeochemical fate of ferrihydrite-model organic compound complexes during anaerobic microbial reduction. Science of the Total Environment, 2019, 668, 216-223.	3.9	11