Fabio Roldan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of land management and Prosopis juliflora (Sw.) DC trees on soil microbial community and enzymatic activities in intensive silvopastoral systems of Colombia. Agriculture, Ecosystems and Environment, 2012, 150, 139-148.	5.3	65
2	Soil enzymatic activities and microbial biomass in an integrated agroforestry chronosequence compared to monoculture and a native forest of Colombia. Biology and Fertility of Soils, 2010, 46, 577-587.	4.3	54
3	Biochemical passive reactors for treatment of acid mine drainage: Effect of hydraulic retention time on changes in efficiency, composition of reactive mixture, and microbial activity. Chemosphere, 2016, 153, 244-253.	8.2	54
4	Effect of hydraulic retention time on microbial community in biochemical passive reactors during treatment of acid mine drainage. Bioresource Technology, 2018, 247, 624-632.	9.6	46
5	Effect of the conversion of conventional pasture to intensive silvopastoral systems on edaphic bacterial and ammonia oxidizer communities in Colombia. European Journal of Soil Biology, 2016, 72, 42-50.	3.2	40
6	Effect of the extraction and purification of soil <scp>DNA</scp> and pooling of <scp>PCR</scp> amplification products on the description of bacterial and archaeal communities. Journal of Applied Microbiology, 2019, 126, 1454-1467.	3.1	26
7	Selection of reactive mixture for biochemical passive treatment of acid mine drainage. Environmental Earth Sciences, 2016, 75, 1.	2.7	25
8	Transformation of TNT, 2,4-DNT, and PETN by Raoultella planticola M30b and Rhizobium radiobacter M109 and exploration of the associated enzymes. World Journal of Microbiology and Biotechnology, 2020, 36, 190.	3.6	12
9	Screening for biosurfactant production by 2,4,6-trinitrotoluene-transforming bacteria. Journal of Applied Microbiology, 2017, 123, 401-413.	3.1	10
10	Passive multi-unit field-pilot for acid mine drainage remediation: Performance and environmental assessment of post-treatment solid waste. Chemosphere, 2022, 291, 133051.	8.2	10
11	Persistence of pentolite (PETN and TNT) in soil microcosms and microbial enrichment cultures. Environmental Science and Pollution Research, 2016, 23, 9144-9155.	5.3	9
12	Natural Attenuation of Oily Sludge Used for the Maintenance of an Unpaved Road in Arauca (Colombia). Bioremediation Journal, 2010, 14, 81-91.	2.0	4
13	Biodegradación de fenol en aguas tratadas de la industria petrolera para re-uso en cultivos agrÃcolas. Revista De Biologia Tropical, 2017, 65, .	0.4	4
14	Evidence for cometabolic transformation of weathered toxaphene under aerobic conditions using camphor as a coâ€substrate. Journal of Applied Microbiology, 2021, 131, 221-235.	3.1	3
15	Metagenomic Analysis of Biochemical Passive Reactors During Acid Mine Drainage Bioremediation Reveals Key Co-selected Metabolic Functions. Microbial Ecology, 2022, 84, 465-472.	2.8	2
16	Soil Microbial Community Composition and Enzyme Activity Responses to an Intensive SilvopastoralSystem of Colombia. Nature Precedings, 2011, , .	0.1	0