

# Fabio Roldan

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

364  
citations

1039880

9  
h-index

996849

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of land management and <i>Prosopis juliflora</i> (Sw.) DC trees on soil microbial community and enzymatic activities in intensive silvopastoral systems of Colombia. <i>Agriculture, Ecosystems and Environment</i> , 2012, 150, 139-148.	2.5	65
2	Soil enzymatic activities and microbial biomass in an integrated agroforestry chronosequence compared to monoculture and a native forest of Colombia. <i>Biology and Fertility of Soils</i> , 2010, 46, 577-587.	2.3	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. <i>Chemosphere</i> , 2016, 153, 244-253.	4.2	54
4	Effect of hydraulic retention time on microbial community in biochemical passive reactors during treatment of acid mine drainage. <i>Bioresource Technology</i> , 2018, 247, 624-632.	4.8	46
5	Effect of the conversion of conventional pasture to intensive silvopastoral systems on edaphic bacterial and ammonia oxidizer communities in Colombia. <i>European Journal of Soil Biology</i> , 2016, 72, 42-50.	1.4	40
6	Effect of the extraction and purification of soil DNA and pooling of PCR amplification products on the description of bacterial and archaeal communities. <i>Journal of Applied Microbiology</i> , 2019, 126, 1454-1467.	1.4	26
7	Selection of reactive mixture for biochemical passive treatment of acid mine drainage. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	25
8	Transformation of TNT, 2,4-DNT, and PETN by <i>Raoultella planticola</i> M30b and <i>Rhizobium radiobacter</i> M109 and exploration of the associated enzymes. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 190.	1.7	12
9	Screening for biosurfactant production by 2,4,6-trinitrotoluene-transforming bacteria. <i>Journal of Applied Microbiology</i> , 2017, 123, 401-413.	1.4	10
10	Passive multi-unit field-pilot for acid mine drainage remediation: Performance and environmental assessment of post-treatment solid waste. <i>Chemosphere</i> , 2022, 291, 133051.	4.2	10
11	Persistence of pentolite (PETN and TNT) in soil microcosms and microbial enrichment cultures. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9144-9155.	2.7	9
12	Natural Attenuation of Oily Sludge Used for the Maintenance of an Unpaved Road in Arauca (Colombia). <i>Bioremediation Journal</i> , 2010, 14, 81-91.	1.0	4
13	Biodegradación de fenol en aguas tratadas de la industria petrolera para re-uso en cultivos agrícolas. <i>Revista De Biología Tropical</i> , 2017, 65, .	0.1	4
14	Evidence for cometabolic transformation of weathered toxaphene under aerobic conditions using camphor as a substrate. <i>Journal of Applied Microbiology</i> , 2021, 131, 221-235.	1.4	3
15	Metagenomic Analysis of Biochemical Passive Reactors During Acid Mine Drainage Bioremediation Reveals Key Co-selected Metabolic Functions. <i>Microbial Ecology</i> , 2022, 84, 465-472.	1.4	2
16	Soil Microbial Community Composition and Enzyme Activity Responses to an Intensive Silvopastoral System of Colombia. <i>Nature Precedings</i> , 2011, , .	0.1	0