

Felipe Aburto

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

426
citations

933264

10
h-index

794469

19
g-index

25
all docs

25
docs citations

25
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of polyethylene microbeads and physiological effects on hydroponic maize. <i>Science of the Total Environment</i> , 2020, 741, 140216.	3.9	125
2	Pedogenic and microbial interrelations to regional climate and local topography: New insights from a climate gradient (arid to humid) along the Coastal Cordillera of Chile. <i>Catena</i> , 2018, 170, 335-355.	2.2	77
3	Above- and belowground biodiversity jointly tighten the P cycle in agricultural grasslands. <i>Nature Communications</i> , 2021, 12, 4431.	5.8	40
4	Phosphorus solubilization in the rhizosphere in two saprolites with contrasting phosphorus fractions. <i>Geoderma</i> , 2020, 366, 114245.	2.3	24
5	Methyl Jasmonate Applications From Flowering to Ripe Fruit Stages of Strawberry (<i>Fragaria</i> × <i>ananassa</i>) Tj ETQq1 1 0.784314 rgBT / Overloc 11, 538.	1.7	23
6	Sorption and desorption of organic matter in soils as affected by phosphate. <i>Geoderma</i> , 2022, 405, 115377.	2.3	22
7	CHLSOC: the Chilean Soil Organic Carbon database, a multi-institutional collaborative effort. <i>Earth System Science Data</i> , 2020, 12, 457-468.	3.7	16
8	Soil type modulates the response of C, N, P stocks and stoichiometry after native forest substitution by exotic plantations. <i>Catena</i> , 2021, 197, 104997.	2.2	15
9	Soils of Chilean Patagonia in glacial and periglacial environments. <i>Eurasian Soil Science</i> , 2010, 43, 1430-1438.	0.5	14
10	Hillslope soil erosion and mobility in pine plantations and native deciduous forest in the coastal range of south-central Chile. <i>Land Degradation and Development</i> , 2021, 32, 453-466.	1.8	13
11	Development of a Pleistocene calcrete over a sequence of marine terraces at Tongoy (north-central) Tj ETQq1 1 0.784314 rgBT / Overloc 2.2	2.2	11
12	Late-season plastic covering delays the occurrence of severe water stress and improves intrinsic water use efficiency and fruit quality in kiwifruit vines. <i>Agricultural Water Management</i> , 2021, 249, 106795.	2.4	10
13	Effects of livestock grazing on soil health and recovery of a degraded Andean <i>Araucaria</i> forest. <i>Land Degradation and Development</i> , 2021, 32, 4907-4919.	1.8	9
14	Biogeochemistry of plant essential mineral nutrients across rock, soil, water and fruits in vineyards of Central Chile. <i>Catena</i> , 2021, 196, 104905.	2.2	8
15	Water Deficit Synchronizes Berry Color Development in Crimson Seedless Table Grapes. <i>American Journal of Enology and Viticulture</i> , 2019, 70, 60-67.	0.9	7
16	Thermal Analysis Mineral Quantification and Applications as a Relative Dating Tool in Moraine Chronosequences. <i>Soil Science Society of America Journal</i> , 2016, 80, 502-515.	1.2	4
17	How is the land use-cover changing in drinking water catchments in the coastal range of south-central Chile (35° - 38.5° S)? <i>Bosque</i> , 2017, 38, 203-209.	0.1	4
18	Terrestrial ecosystems buffer inputs through storage and recycling of elements. <i>Biogeochemistry</i> , 2021, 156, 351-373.	1.7	3

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19	Refined Geomorphologic Interpretation of Glacial Deposits using Combined Soil Development Indices and LiDAR Terrain Analysis. Soil Science Society of America Journal, 2017, 81, 109-123.	1.2	1