

Rafael Villarreal

List of Publications by Year in descending order

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14
papers

216
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore system configuration and hydraulic properties. Temporal variation during the crop cycle in different soil types of Argentinean Pampas Region. <i>Soil and Tillage Research</i> , 2020, 198, 104528.	5.6	31
2	Glyphosate dynamics in a soil under conventional and no-till systems during a soybean growing season. <i>Geoderma</i> , 2018, 323, 13-21.	5.1	28
3	Hydraulic conductivity and pore connectivity. Effects of conventional and no-till systems determined using a simple laboratory device. <i>Geoderma</i> , 2019, 337, 1236-1244.	5.1	28
4	EFFECTS OF COMPACTION DUE TO MACHINERY TRAFFIC ON SOIL PORE CONFIGURATION. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 408-415.	1.3	26
5	Anisotropy of Pore Size Classesâ€™ Connectivity Related to Soil Structure Under No Tillage. <i>Soil Science</i> , 2013, 178, 612-617.	0.9	25
6	Temporal variation of soil sorptivity under conventional and no-till systems determined by a simple laboratory method. <i>Soil and Tillage Research</i> , 2017, 168, 92-98.	5.6	17
7	Diffusivity and sorptivity determination at different soil water contents from horizontal infiltration. <i>Geoderma</i> , 2019, 338, 88-96.	5.1	17
8	Soil Physical Quality and Soybean Yield as Affected by Chiseling and Subsoiling of a No-Till Soil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016, 40, .	1.3	14
9	Temporal Variation of Soil Physical Quality under Conventional and No-Till Systems. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	1.3	13
10	First-year cover crop effects on the physical and hydraulic properties of the surface layer in a loamy soil. <i>Soil and Tillage Research</i> , 2021, 213, 105141.	5.6	8
11	Influence of soil water holding and transport capacity on glyphosate dynamics in two agricultural soils from Pampas Region. <i>Geoderma</i> , 2020, 376, 114566.	5.1	3
12	Glyphosate dynamics prediction in a soil under conventional and no-tillage systems during the crop cycle. <i>Revista Brasileira De Ciencia Do Solo</i> , 2020, 44, .	1.3	2
13	Winter cover crops effects on soil organic carbon and soil physical quality in a Typical Argiudoll under continuous soybean cropping. <i>Revista Brasileira De Ciencia Do Solo</i> , 2020, 44, .	1.3	2
14	Cover crops effects on soil hydraulic properties in two contrasting Mollisols of the Argentinean Pampas region. <i>Soil Science Society of America Journal</i> , 2022, 86, 1397-1412.	2.2	2