Elke Noellemeyer

List of Publications by Year
in descending order

32	1,001	430874 18	434195 31
papers	citations	h-index	g-index

34	34	34	1488
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparing silvopastoral systems and prospects in eight regions of the world. Agroforestry Systems, 2012, 86, 303-314.	2.0	106
2	Carbon contents and respiration rates of aggregate size fractions under no-till and conventional tillage. Soil and Tillage Research, 2010, 109, 103-109.	5.6	77
3	Soil carbon, multiple benefits. Environmental Development, 2015, 13, 33-38.	4.1	75
4	Carbon contents and aggregation related to soil physical and biological properties under a land-use sequence in the semiarid region of central Argentina. Soil and Tillage Research, 2008, 99, 179-190.	5.6	71
5	High quality residues from cover crops favor changes in microbial community and enhance C and N sequestration. Global Ecology and Conservation, 2016, 6, 242-256.	2.1	61
6	Barley yield response to soil organic matter and texture in the Pampas of Argentina. Soil and Tillage Research, 2006, 90, 63-68.	5.6	59
7	Variations in the polyphenol content of seeds of field grown Amaranthus genotypes. Food Chemistry, 2011, 129, 131-138.	8.2	57
8	Benefits of soil carbon: report on the outcomes of an international scientific committee on problems of the environment rapid assessment workshop. Carbon Management, 2014, 5, 185-192.	2.4	46
9	Effect of different cover crops on C and N cycling in sorghum NT systems. Science of the Total Environment, 2016, 562, 628-639.	8.0	46
10	Carbon Turnover and Carbon-13 Natural Abundance under Land Use Change in Semiarid Savanna Soils of La Pampa, Argentina. Soil Science Society of America Journal, 2006, 70, 1541-1546.	2.2	42
11	Vetch-rye biculture is a sustainable alternative for enhanced nitrogen availability and low leaching losses in a no-till cover crop system. Field Crops Research, 2017, 214, 104-112.	5.1	40
12	Soil quality in three range soils of the semi-arid Pampa of Argentina. Journal of Arid Environments, 2006, 65, 142-155.	2.4	37
13	Comparison of three methods for delineating management zones for site-specific crop management. Computers and Electronics in Agriculture, 2017, 139, 213-223.	7.7	34
14	Grazing effect on soil properties in conventional and no-till systems. Soil and Tillage Research, 2009, 105, 164-170.	5.6	32
15	Direct field method for root biomass quantification in agroecosystems. MethodsX, 2016, 3, 513-519.	1.6	31
16	Anatomy of growth rings at the YucatÃ¡n Peninsula. Dendrochronologia, 2005, 22, 187-193.	2.2	29
17	Variation of Polyphenols and Betaines in Aerial Parts of Young, Field-Grown Amaranthus Genotypes. Journal of Agricultural and Food Chemistry, 2011, 59, 12073-12082.	5.2	29
18	A study of the effect of the interaction between site-specific conditions, residue cover and weed control on water storage during fallow. Agricultural Water Management, 2008, 95, 1028-1040.	5.6	27

#	Article	IF	Citations
19	Pore morphology reveals interaction of biological and physical processes for structure formation in soils of the semiarid Argentinean Pampa. Soil and Tillage Research, 2019, 191, 256-265.	5.6	17
20	Soil type, land-use and -management as drivers of root-C inputs and soil C storage in the semiarid pampa region, Argentina. Soil and Tillage Research, 2019, 192, 134-143.	5.6	13
21	Soil Texture and Carbon Dynamics in Savannah Vegetation Patches of Central Argentina. Soil Science Society of America Journal, 2010, 74, 647-657.	2.2	12
22	Crop and Tillage Effects on Water Productivity of Dryland Agriculture in Argentina. Agriculture (Switzerland), 2013, 3, 1-11.	3.1	12
23	The dynamics of different organic and inorganic phosphorus fractions in soils from the south of Santa Fe province, Argentina. Communications in Soil Science and Plant Analysis, 1991, 22, 1151-1163.	1.4	10
24	Soil Texture and Forest Species Condition the Effect of Afforestation on Soil Quality Parameters. Soil Science, 2012, 177, 279-287.	0.9	9
25	Soil quality and productivity under zero tillage and grazing on Mollisols in Argentina â€“ A long-term study. Geoderma Regional, 2017, 11, 44-52.	2.1	8
26	Spectral indices from aerial images and their relationship with properties of a corn crop. Precision Agriculture, 2018, 19, 1127-1137.	6.0	6
27	Hierarchical linear mixed models in multi-stage sampling soil studies. Environmental and Ecological Statistics, 2013, 20, 237-252.	3.5	5
28	Relationships between landscape features, soil properties, and vegetation determine ecological sites in a semiarid savanna of central Argentina. Journal of Arid Environments, 2020, 173, 104038.	2.4	3
29	Afforestation With Different Tree Species Causes a Divergent Evolution of Soil Profiles and Properties. Frontiers in Forests and Global Change, 2021, 4, .	2.3	2
30	Land-use change affects soil hydro-physical properties in Mollisols of semiarid Central Argentina. Geoderma Regional, 2021, 25, e00394.	2.1	1
31	Geomorphology as a tool to digitize homogeneous management zones based on soil properties in the semiarid central Argentinean Pampas. Geoderma Regional, 2022, 28, e00458.	2.1	1
32	Landscape and topography effects on phosphorus fractions in Mollisols of the Argentinean Pampas. Geoderma Regional, 2022, 30, e00542.	2.1	0