

# Elke Noellemeier

## List of Publications by Year in descending order

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32  
papers

1,001  
citations

430874

18  
h-index

434195

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geomorphology as a tool to digitize homogeneous management zones based on soil properties in the semiarid central Argentinean Pampas. <i>Geoderma Regional</i> , 2022, 28, e00458.	2.1	1
2	Landscape and topography effects on phosphorus fractions in Mollisols of the Argentinean Pampas. <i>Geoderma Regional</i> , 2022, 30, e00542.	2.1	0
3	Land-use change affects soil hydro-physical properties in Mollisols of semiarid Central Argentina. <i>Geoderma Regional</i> , 2021, 25, e00394.	2.1	1
4	Afforestation With Different Tree Species Causes a Divergent Evolution of Soil Profiles and Properties. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	2
5	Relationships between landscape features, soil properties, and vegetation determine ecological sites in a semiarid savanna of central Argentina. <i>Journal of Arid Environments</i> , 2020, 173, 104038.	2.4	3
6	Pore morphology reveals interaction of biological and physical processes for structure formation in soils of the semiarid Argentinean Pampa. <i>Soil and Tillage Research</i> , 2019, 191, 256-265.	5.6	17
7	Soil type, land-use and -management as drivers of root-C inputs and soil C storage in the semiarid pampa region, Argentina. <i>Soil and Tillage Research</i> , 2019, 192, 134-143.	5.6	13
8	Spectral indices from aerial images and their relationship with properties of a corn crop. <i>Precision Agriculture</i> , 2018, 19, 1127-1137.	6.0	6
9	Soil quality and productivity under zero tillage and grazing on Mollisols in Argentina – A long-term study. <i>Geoderma Regional</i> , 2017, 11, 44-52.	2.1	8
10	Vetch-rye biculture is a sustainable alternative for enhanced nitrogen availability and low leaching losses in a no-till cover crop system. <i>Field Crops Research</i> , 2017, 214, 104-112.	5.1	40
11	Comparison of three methods for delineating management zones for site-specific crop management. <i>Computers and Electronics in Agriculture</i> , 2017, 139, 213-223.	7.7	34
12	Direct field method for root biomass quantification in agroecosystems. <i>MethodsX</i> , 2016, 3, 513-519.	1.6	31
13	High quality residues from cover crops favor changes in microbial community and enhance C and N sequestration. <i>Global Ecology and Conservation</i> , 2016, 6, 242-256.	2.1	61
14	Effect of different cover crops on C and N cycling in sorghum NT systems. <i>Science of the Total Environment</i> , 2016, 562, 628-639.	8.0	46
15	Soil carbon, multiple benefits. <i>Environmental Development</i> , 2015, 13, 33-38.	4.1	75
16	Benefits of soil carbon: report on the outcomes of an international scientific committee on problems of the environment rapid assessment workshop. <i>Carbon Management</i> , 2014, 5, 185-192.	2.4	46
17	Hierarchical linear mixed models in multi-stage sampling soil studies. <i>Environmental and Ecological Statistics</i> , 2013, 20, 237-252.	3.5	5
18	Crop and Tillage Effects on Water Productivity of Dryland Agriculture in Argentina. <i>Agriculture (Switzerland)</i> , 2013, 3, 1-11.	3.1	12

#	ARTICLE	IF	CITATIONS
19	Soil Texture and Forest Species Condition the Effect of Afforestation on Soil Quality Parameters. Soil Science, 2012, 177, 279-287.	0.9	9
20	Comparing silvopastoral systems and prospects in eight regions of the world. Agroforestry Systems, 2012, 86, 303-314.	2.0	106
21	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
22	Variations in the polyphenol content of seeds of field grown Amaranthus genotypes. Food Chemistry, 2011, 129, 131-138.	8.2	57
23	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
24	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
25	Grazing effect on soil properties in conventional and no-till systems. Soil and Tillage Research, 2009, 105, 164-170.	5.6	32
26	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
27	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
28	Soil quality in three range soils of the semi-arid Pampa of Argentina. Journal of Arid Environments, 2006, 65, 142-155.	2.4	37
29	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
30	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
31	Anatomy of growth rings at the Yucatán Peninsula. Dendrochronologia, 2005, 22, 187-193.	2.2	29
32	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