

Cecile Villenave

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8915918/publications.pdf>

Version: 2024-02-01

38
papers

2,474
citations

304743

22
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

3166
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil nematode abundance and functional group composition at a global scale. <i>Nature</i> , 2019, 572, 194-198.	27.8	635
2	Ecological importance of soil bacterivores for ecosystem functions. <i>Plant and Soil</i> , 2016, 398, 1-24.	3.7	251
3	Rhizosphere fauna: the functional and structural diversity of intimate interactions of soil fauna with plant roots. <i>Plant and Soil</i> , 2009, 321, 213-233.	3.7	235
4	Fourteen years of evidence for positive effects of conservation agriculture and organic farming on soil life. <i>Agronomy for Sustainable Development</i> , 2015, 35, 169-181.	5.3	144
5	The impact of agricultural practices on soil biota: A regional study. <i>Soil Biology and Biochemistry</i> , 2013, 67, 271-284.	8.8	116
6	Influence of bacterial-feeding nematodes (Cephalobidae) on soil microbial communities during maize growth. <i>Soil Biology and Biochemistry</i> , 2004, 36, 323-331.	8.8	99
7	The soil quality concept as a framework to assess management practices in vulnerable agroecosystems: A case study in Mediterranean vineyards. <i>Ecological Indicators</i> , 2016, 61, 456-465.	6.3	79
8	The dynamics of soil micro-food web structure and functions vary according to litter quality. <i>Soil Biology and Biochemistry</i> , 2016, 95, 262-274.	8.8	74
9	Grazing by nematodes on rhizosphere bacteria enhances nitrate and phosphorus availability to <i>Pinus pinaster</i> seedlings. <i>Soil Biology and Biochemistry</i> , 2011, 43, 2121-2126.	8.8	69
10	Organic viticulture and soil quality: A long-term study in Southern France. <i>Applied Soil Ecology</i> , 2011, 50, 37-37.	4.3	67
11	Nutrition on bacteria by bacterial-feeding nematodes and consequences on the structure of soil bacterial community. <i>European Journal of Soil Biology</i> , 2006, 42, S70-S78.	3.2	64
12	Influence of long-term organic and mineral fertilization on soil nematofauna when growing <i>Sorghum bicolor</i> in Burkina Faso. <i>Biology and Fertility of Soils</i> , 2010, 46, 659-670.	4.3	56
13	Changes in nematode communities following cultivation of soils after fallow periods of different length. <i>Applied Soil Ecology</i> , 2001, 17, 43-52.	4.3	52
14	Phosphorus acquisition from phytate depends on efficient bacterial grazing, irrespective of the mycorrhizal status of <i>Pinus pinaster</i> . <i>Plant and Soil</i> , 2012, 358, 155-168.	3.7	49
15	A global database of soil nematode abundance and functional group composition. <i>Scientific Data</i> , 2020, 7, 103.	5.3	46
16	Quantification of the global impact of agricultural practices on soil nematodes: A meta-analysis. <i>Soil Biology and Biochemistry</i> , 2021, 161, 108383.	8.8	42
17	Biochemical characteristics of cover crop litter affect the soil food web, organic matter decomposition, and regulation of plant-parasitic nematodes in a banana field soil. <i>Applied Soil Ecology</i> , 2015, 96, 131-140.	4.3	39
18	Shifts in size, genetic structure and activity of the soil denitrifier community by nematode grazing. <i>European Journal of Soil Biology</i> , 2010, 46, 112-118.	3.2	38

#	ARTICLE	IF	CITATIONS
19	Changes in nematode communities after manuring in millet fields in Senegal. <i>Nematology</i> , 2003, 5, 351-358.	0.6	35
20	Effects of four organic amendments on banana parasitic nematodes and soil nematode communities. <i>Applied Soil Ecology</i> , 2011, 49, 59-67.	4.3	35
21	Relevance of use-invariant soil properties to assess soil quality of vulnerable ecosystems: The case of Mediterranean vineyards. <i>Ecological Indicators</i> , 2014, 43, 83-93.	6.3	33
22	Mulch type affects soil biological functioning and crop yield of conservation agriculture systems in a long-term experiment in Madagascar. <i>Soil and Tillage Research</i> , 2012, 118, 11-21.	5.6	31
23	Temporal differentiation of soil communities in response to arable crop management strategies. <i>Agriculture, Ecosystems and Environment</i> , 2016, 225, 12-21.	5.3	26
24	Near infrared reflectance spectroscopy (NIRS) could be used for characterization of soil nematode community. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1649-1659.	8.8	17
25	How are nematode communities affected during a conversion from conventional to organic farming in southern French vineyards?. <i>Nematology</i> , 2012, 14, 665-676.	0.6	17
26	Effects of organic amendments on plant-parasitic nematode populations, root damage, and banana plant growth. <i>Biology and Fertility of Soils</i> , 2011, 47, 341-347.	4.3	15
27	Interactions between <i>Zeldia Punctata</i> (Cephalobidae) and bacteria in the presence or absence of maize plants. <i>Plant and Soil</i> , 2004, 262, 33-44.	3.7	14
28	Impact of direct seeding mulch-based cropping systems on soil nematodes in a long-term experiment in Madagascar. <i>Pesquisa Agropecuaria Brasileira</i> , 2009, 44, 949-953.	0.9	14
29	Nematodes for Soil Quality Monitoring: Results from the RMQS BioDiv Programme. <i>Open Journal of Soil Science</i> , 2013, 03, 30-45.	0.8	14
30	Nematodes, indicators of the origin of the soil used by termites to construct biostructures. <i>Pedobiologia</i> , 2009, 52, 301-307.	1.2	12
31	Electromagnetic induction (EMI) measurements as a proxy of earthworm presence in Southern French vineyards. <i>Applied Soil Ecology</i> , 2012, 61, 76-84.	4.3	12
32	Interactions between ectomycorrhizal fungi, plant-parasitic and free-living nematodes and their effects on seedlings of the hardwood <i>Azela africana</i> Sm.. <i>Pedobiologia</i> , 2002, 46, 176-187.	1.2	10
33	Nematofauna associated with exotic and native leguminous plant species in West Africa: effect of <i>Glomus intraradices</i> arbuscular mycorrhizal symbiosis. <i>Biology and Fertility of Soils</i> , 2003, 38, 161-169.	4.3	10
34	Nematode communities after the reintroduction of silver fir in beech-dominated forests. <i>European Journal of Forest Research</i> , 2019, 138, 957-965.	2.5	10
35	Effect of a Legume Cover Crop on Carbon Storage and Erosion in an Ultisol under Maize Cultivation in Southern Benin. , 2005, , 143-155.		5
36	Influence of soil organic matter and ion concentration on some Senegalese plant-parasitic nematodes. <i>European Journal of Soil Biology</i> , 1999, 35, 189-197.	3.2	4

#	ARTICLE	IF	CITATIONS
37	Grassland management history affects the response of the nematode community to changes in above-ground grazing regime. <i>Nematology</i> , 2011, 13, 995-1008.	0.6	4
38	Comparison of nematode communities in anecic earthworm casts and adjacent soil reveal a land use-independent trophic group signature. <i>Global Ecology and Conservation</i> , 2021, 27, e01565.	2.1	1