

Rgm Goede

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

6,954
citations

109321
35
h-index

66911
78
g-index

83
all docs

83
docs citations

83
times ranked

6918
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil quality – A critical review. <i>Soil Biology and Biochemistry</i> , 2018, 120, 105-125.	8.8	1,441
2	A framework for soil food web diagnostics: extension of the nematode faunal analysis concept. <i>Applied Soil Ecology</i> , 2001, 18, 13-29.	4.3	1,064
3	Soil nematode abundance and functional group composition at a global scale. <i>Nature</i> , 2019, 572, 194-198.	27.8	635
4	Soil biota community structure and abundance under agricultural intensification and extensification. <i>Ecology</i> , 2010, 91, 460-473.	3.2	272
5	Sensitivity of labile carbon fractions to tillage and organic matter management and their potential as comprehensive soil quality indicators across pedoclimatic conditions in Europe. <i>Ecological Indicators</i> , 2019, 99, 38-50.	6.3	258
6	Effects of agricultural management practices on soil quality: A review of long-term experiments for Europe and China. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 1-7.	5.3	236
7	NINJA: An automated calculation system for nematode-based biological monitoring. <i>European Journal of Soil Biology</i> , 2014, 61, 90-93.	3.2	221
8	Population consequences of cadmium toxicity in soil microarthropods. <i>Ecotoxicology and Environmental Safety</i> , 1989, 17, 190-204.	6.0	144
9	Small-scale shifting mosaics of two dominant grassland species: the possible role of soil-borne pathogens. <i>Oecologia</i> , 2000, 125, 45-54.	2.0	133
10	Protective shade, tree diversity and soil properties in coffee agroforestry systems in the Atlantic Rainforest biome. <i>Agriculture, Ecosystems and Environment</i> , 2012, 146, 179-196.	5.3	126
11	Soil biological quality after 36 years of ley-arable cropping, permanent grassland and permanent arable cropping. <i>Applied Soil Ecology</i> , 2008, 40, 432-446.	4.3	122
12	A functional evaluation of three indicator sets for assessing soil quality. <i>Applied Soil Ecology</i> , 2013, 64, 194-200.	4.3	120
13	Biological measurements in a nationwide soil monitoring network. <i>European Journal of Soil Science</i> , 2009, 60, 820-832.	3.9	114
14	Earthworm species composition affects the soil bacterial community and net nitrogen mineralization. <i>Pedobiologia</i> , 2006, 50, 243-256.	1.2	112
15	Ecosystem services in grassland associated with biotic and abiotic soil parameters. <i>Soil Biology and Biochemistry</i> , 2010, 42, 1491-1504.	8.8	95
16	Nematode community structure in relation to soil and vegetation characteristics. <i>Applied Soil Ecology</i> , 1994, 1, 29-44.	4.3	79
17	Agricultural intensification and de-intensification differentially affect taxonomic diversity of predatory mites, earthworms, enchytraeids, nematodes and bacteria. <i>Applied Soil Ecology</i> , 2012, 57, 39-49.	4.3	74
18	Within-trophic group interactions of bacterivorous nematode species and their effects on the bacterial community and nitrogen mineralization. <i>Oecologia</i> , 2005, 142, 428-439.	2.0	73

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19	Effect of tillage on earthworms over short- and medium-term in conventional and organic farming. <i>Applied Soil Ecology</i> , 2014, 83, 140-148.	4.3	67
20	A mixture of grass and clover combines the positive effects of both plant species on selected soil biota. <i>Applied Soil Ecology</i> , 2009, 42, 254-263.	4.3	63
21	Agricultural management affects earthworm and termite diversity across humid to semi-arid tropical zones. <i>Agriculture, Ecosystems and Environment</i> , 2011, 140, 148-154.	5.3	56
22	Nematode-based indices in soil ecology: Application, utility, and future directions. <i>Soil Biology and Biochemistry</i> , 2022, 169, 108640.	8.8	56
23	Changes in the composition of the plant-feeding nematode community in grasslands after cessation of fertiliser application. <i>Applied Soil Ecology</i> , 2001, 17, 1-17.	4.3	52
24	Could plant-feeding nematodes affect the competition between grass species during succession in grasslands under restoration management?. <i>Journal of Ecology</i> , 2002, 90, 753-761.	4.0	52
25	Soil biological quality of grassland fertilized with adjusted cattle manure slurries in comparison with organic and inorganic fertilizers. <i>Biology and Fertility of Soils</i> , 2009, 45, 595-608.	4.3	51
26	Soil suppressiveness to <i>Pythium ultimum</i> in ten European long-term field experiments and its relation with soil parameters. <i>Soil Biology and Biochemistry</i> , 2019, 133, 174-187.	8.8	51
27	Soil structure formation and organic matter distribution as affected by earthworm species interactions and crop residue placement. <i>Geoderma</i> , 2019, 338, 453-463.	5.1	50
28	Earthworm activity and soil structural changes under conservation agriculture in central Mexico. <i>Soil and Tillage Research</i> , 2012, 123, 61-70.	5.6	47
29	Microbial diversity, nitrogen loss and grass production after addition of Effective Micro-organisms® (EM) to slurry manure. <i>Applied Soil Ecology</i> , 2006, 32, 188-198.	4.3	46
30	A global database of soil nematode abundance and functional group composition. <i>Scientific Data</i> , 2020, 7, 103.	5.3	46
31	The nematode extraction efficiency of the Oostenbrink elutriator-cottonwool filter method with special reference to nematode body size and life strategy. <i>Nematology</i> , 2000, 2, 325-342.	0.6	44
32	Effects of Cow Diet on the Microbial Community and Organic Matter and Nitrogen Content of Feces. <i>Journal of Dairy Science</i> , 2007, 90, 5146-5158.	3.4	44
33	Seasonal dynamics and vertical distribution of plant-feeding nematode communities in grasslands. <i>Pedobiologia</i> , 2001, 45, 213-233.	1.2	42
34	Release of isothiocyanates does not explain the effects of biofumigation with Indian mustard cultivars on nematode assemblages. <i>Soil Biology and Biochemistry</i> , 2014, 68, 200-207.	8.8	41
35	Exploring the relationship between soil mesofauna, soil structure and N ₂ O emissions. <i>Soil Biology and Biochemistry</i> , 2016, 96, 55-64.	8.8	41
36	Reduced tillage, but not organic matter input, increased nematode diversity and food web stability in European long-term field experiments. <i>Molecular Ecology</i> , 2019, 28, 4987-5005.	3.9	39

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37	Earthworm assemblages as affected by field margin strips and tillage intensity: An on-farm approach. European Journal of Soil Biology, 2015, 66, 49-56.	3.2	35
38	Spatial patterns of variation in the composition and structure of nematode communities in relation to different microhabitats: a case study of Quercus dalechampii Ten. forest. Soil Biology and Biochemistry, 2004, 36, 701-712.	8.8	34
39	On-farm impact of cattle slurry manure management on biological soil quality. Njas - Wageningen Journal of Life Sciences, 2003, 51, 103-133.	7.7	33
40	Effects of sod-cutting on the nematode community of a secondary forest of Pinus sylvestris L.. Biology and Fertility of Soils, 1996, 22, 227-236.	4.3	31
41	Home field advantage of cattle manure decomposition affects the apparent nitrogen recovery in production grasslands. Soil Biology and Biochemistry, 2013, 57, 320-326.	8.8	30
42	Earthworm communities in arable fields and restored field margins, as related to management practices and surrounding landscape diversity. Agriculture, Ecosystems and Environment, 2017, 248, 1-8.	5.3	30
43	Large variations in readily-available phosphorus in casts of eight earthworm species are linked to cast properties. Soil Biology and Biochemistry, 2019, 138, 107583.	8.8	30
44	Effects of organic matter content on earthworms and nitrogen mineralization in grassland soils. European Journal of Soil Biology, 2007, 43, S222-S229.	3.2	25
45	Biological soil quality from biomass to biodiversity - importance and resilience to management stress and disturbance.. , 2004, , 139-161.		25
46	Soil ecology and ecosystem services of dairy and semi-natural grasslands on peat. Applied Soil Ecology, 2018, 125, 26-34.	4.3	24
47	Title is missing!. Plant and Soil, 2001, 232, 155-165.	3.7	23
48	Effects of slurry application methods on soil faunal communities in permanent grassland. European Journal of Soil Biology, 2006, 42, S348-S353.	3.2	22
49	Soil pH and earthworms affect herbage nitrogen recovery from solid cattle manure in production grassland. Soil Biology and Biochemistry, 2014, 68, 1-8.	8.8	22
50	Choice of Resolution by Functional Trait or Taxonomy Affects Allometric Scaling in Soil Food Webs. American Naturalist, 2015, 185, 142-149.	2.1	22
51	Functional diversity in nematode communities across terrestrial ecosystems. Basic and Applied Ecology, 2018, 30, 76-86.	2.7	21
52	Long-term effects of fertilisation regime on earthworm abundance in a semi-natural grassland area. Pedobiologia, 2006, 50, 427-432.	1.2	20
53	A community trait-based approach to ecosystem functioning in soil. Agriculture, Ecosystems and Environment, 2017, 239, 265-273.	5.3	20
54	The effects of increasing land use intensity on soil nematodes: A turn towards specialism. Functional Ecology, 2019, 33, 2003-2016.	3.6	20

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55	Title is missing!. Plant and Soil, 2002, 243, 81-90.	3.7	19
56	Production-ecological modelling explains the difference between potential soil N mineralisation and actual herbage N uptake. Applied Soil Ecology, 2014, 84, 83-92.	4.3	19
57	Integrating soil physical and biological properties in contrasting tillage systems in organic and conventional farming. European Journal of Soil Biology, 2016, 77, 26-33.	3.2	18
58	The chemical convergence and decomposer control hypotheses explain solid cattle manure decomposition in production grasslands. Applied Soil Ecology, 2017, 113, 107-116.	4.3	17
59	Mapping Soil Biodiversity in Europe and the Netherlands. Soil Systems, 2019, 3, 39.	2.6	17
60	Soil management intensity shifts microbial catabolic profiles across a range of European long-term field experiments. Applied Soil Ecology, 2020, 154, 103596.	4.3	17
61	Soil zoology: an indispensable component of integrated ecosystem studies. European Journal of Soil Biology, 2002, 38, 1-6.	3.2	16
62	Microbial catabolic diversity in and beyond the rhizosphere of plant species and plant genotypes. Pedobiologia, 2017, 61, 43-49.	1.2	16
63	Hatching of <i>Globodera pallida</i> is inhibited by 2-propenyl isothiocyanate in vitro but not by incorporation of Brassica juncea tissue in soil. Applied Soil Ecology, 2014, 84, 6-11.	4.3	13
64	Effects of GM potato Modena on soil microbial activity and litter decomposition fall within the range of effects found for two conventional cultivars. Biology and Fertility of Soils, 2015, 51, 913-922.	4.3	13
65	Establishment of carabid beetle and nematode populations in a nature restoration project after the abandonment of arable land. Applied Soil Ecology, 1998, 9, 355-360.	4.3	12
66	Evaluating the use of gel-based sub-sampling for assessing responses of terrestrial microarthropods (Collembola and Acari) to different slurry applications and organic matter contents. Applied Soil Ecology, 2008, 38, 239-248.	4.3	12
67	Assessing multifunctionality of agricultural soils: Reducing the biodiversity trade-off. European Journal of Soil Science, 2021, 72, 1624-1639.	3.9	12
68	Productivity as a Population Performance Index in Life-Cycle Toxicity Tests. Water Science and Technology, 1987, 19, 13-20.	2.5	10
69	Effects of different treatments of cattle slurry manure on water-extractable phosphorus. Njas - Wageningen Journal of Life Sciences, 2003, 51, 91-102.	7.7	8
70	Predicting soil N supply and yield parameters in peat grasslands. Applied Soil Ecology, 2019, 134, 77-84.	4.3	8
71	Responses of earthworm communities to crop residue management after inoculation of the earthworm <i>Lumbricus terrestris</i> (Linnaeus, 1758). Applied Soil Ecology, 2019, 142, 177-188.	4.3	7
72	Eucalyptus and alder field margins differ in their impact on ecosystem services and biodiversity within cropping fields of the Peruvian Andes. Agriculture, Ecosystems and Environment, 2020, 303, 107107.	5.3	7

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73	Extending grassland age for climate change mitigation and adaptation on clay soils. European Journal of Soil Science, 2022, 73, .	3.9	6
74	Effects of sod-cutting on the nematode community of a secondary forest of Pinus sylvestris L.. Biology and Fertility of Soils, 1996, 22, 227-236.	4.3	6
75	Productivity and Topsoil Quality of Young and Old Permanent Grassland: An On-Farm Comparison. Sustainability, 2020, 12, 2600.	3.2	5
76	Site and plant community parameters drive the effect of vegetation on litterfall and nutrient inputs in restored tropical forests. Plant and Soil, 2021, 464, 405.	3.7	5
77	Nematode-based risk assessment of mixture toxicity in a moderately polluted river floodplain in The Netherlands. Science of the Total Environment, 2008, 406, 449-454.	8.0	4
78	Geostatistical modelling and mapping of nematode-based soil ecological quality indices in a polluted nature reserve. Pedosphere, 2021, 31, 670-682.	4.0	3
79	Effects of Ca:Mg ratio and pH on soil chemical, physical and microbiological properties and grass N yield in drained peat soil. New Zealand Journal of Agricultural Research, 0, , 1-22.	1.6	3
80	Soil biodiversity: stress and change in grasslands under restoration succession. , 2005, , 343-362.		2
81	A new character for age determination in the Barâ€tailed God witLimosa lapponica. Ringing and Migration, 1986, 7, 135-138.	0.4	1
82	On the relationships between nematodes, mycorrhizal fungi and plants: functional composition of species and plant performance. , 2002, , 155-165.		0