

Wilhelmina Hol

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,721
citations

304743

22
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

3966
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensive agriculture reduces soil biodiversity across Europe. <i>Global Change Biology</i> , 2015, 21, 973-985.	9.5	641
2	Soil food web properties explain ecosystem services across European land use systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14296-14301.	7.1	520
3	Empirical and theoretical challenges in aboveground–belowground ecology. <i>Oecologia</i> , 2009, 161, 1-14.	2.0	223
4	Reduction of rare soil microbes modifies plant–herbivore interactions. <i>Ecology Letters</i> , 2010, 13, 292-301.	6.4	176
5	An overview of arbuscular mycorrhizal fungi–nematode interactions. <i>Basic and Applied Ecology</i> , 2005, 6, 489-503.	2.7	137
6	Fungistasis and general soil biostasis – A new synthesis. <i>Soil Biology and Biochemistry</i> , 2011, 43, 469-477.	8.8	122
7	Getting the ecology into interactions between plants and the plant growth-promoting bacterium <i>Pseudomonas fluorescens</i> . <i>Frontiers in Plant Science</i> , 2013, 4, 81.	3.6	121
8	Pyrrolizidine alkaloids from <i>Senecio jacobaea</i> affect fungal growth. <i>Journal of Chemical Ecology</i> , 2002, 28, 1763-1772.	1.8	70
9	Plant–soil feedbacks of exotic plant species across life forms: a meta-analysis. <i>Biological Invasions</i> , 2014, 16, 2551-2561.	2.4	70
10	Legacy effects of anaerobic soil disinfestation on soil bacterial community composition and production of pathogen-suppressing volatiles. <i>Frontiers in Microbiology</i> , 2015, 6, 701.	3.5	67
11	Root damage and aboveground herbivory change concentration and composition of pyrrolizidine alkaloids of <i>Senecio jacobaea</i> . <i>Basic and Applied Ecology</i> , 2004, 5, 253-260.	2.7	65
12	Rhizosphere fungal communities are influenced by <i>Senecio jacobaea</i> pyrrolizidine alkaloid content and composition. <i>Soil Biology and Biochemistry</i> , 2006, 38, 2852-2859.	8.8	61
13	Context dependency and saturating effects of loss of rare soil microbes on plant productivity. <i>Frontiers in Plant Science</i> , 2015, 6, 485.	3.6	56
14	Nematode Interactions in Nature: Models for Sustainable Control of Nematode Pests of Crop Plants?. <i>Advances in Agronomy</i> , 2006, 89, 227-260.	5.2	54
15	Nutrients decrease pyrrolizidine alkaloid concentrations in <i>Senecio jacobaea</i> . <i>New Phytologist</i> , 2003, 158, 175-181.	7.3	47
16	Arbuscular mycorrhizal fungi of <i>Ammophila arenaria</i> (L.) Link: Spore abundance and root colonisation in six locations of the European coast. <i>European Journal of Soil Biology</i> , 2008, 44, 30-36.	3.2	46
17	The effect of nutrients on pyrrolizidine alkaloids in <i>Senecio</i> plants and their interactions with herbivores and pathogens. <i>Phytochemistry Reviews</i> , 2011, 10, 119-126.	6.5	35
18	Soil and Freshwater and Marine Sediment Food Webs: Their Structure and Function. <i>BioScience</i> , 2013, 63, 35-42.	4.9	34

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19	Interaction between a fungal endophyte and root herbivores of <i>Ammophila arenaria</i> . <i>Basic and Applied Ecology</i> , 2007, 8, 500-509.	2.7	30
20	Competition Increases Sensitivity of Wheat (<i>Triticum aestivum</i>) to Biotic Plant-Soil Feedback. <i>PLoS ONE</i> , 2013, 8, e66085.	2.5	29
21	Comparing arbuscular mycorrhizal communities of individual plants in a grassland biodiversity experiment. <i>New Phytologist</i> , 2010, 186, 746-754.	7.3	28
22	<i>Heterodera schachtii</i> Nematodes Interfere with Aphid-Plant Relations on <i>Brassica oleracea</i> . <i>Journal of Chemical Ecology</i> , 2013, 39, 1193-1203.	1.8	24
23	The power of simulating experiments. <i>Ecological Modelling</i> , 2009, 220, 2594-2597.	2.5	20
24	Testing the Paradox of Enrichment along a Land Use Gradient in a Multitrophic Aboveground and Belowground Community. <i>PLoS ONE</i> , 2012, 7, e49034.	2.5	14
25	Quantifying the impact of above- and belowground higher trophic levels on plant and herbivore performance by modeling. <i>Oikos</i> , 2009, 118, 981-990.	2.7	13
26	Root-Lesion Nematodes Suppress Cabbage Aphid Population Development by Reducing Aphid Daily Reproduction. <i>Frontiers in Plant Science</i> , 2016, 7, 111.	3.6	12
27	No Paradox for Invasive Plants. <i>Science</i> , 2009, 325, 814-814.	12.6	3
28	Idiosyncrasy in ecology – what's in a word?. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 431-433.	4.0	3