

# Anne Luik

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

512  
citations

759233

12  
h-index

752698

20  
g-index

44  
all docs

44  
docs citations

44  
times ranked

713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic farmers' motivations and challenges for adopting conservation agriculture in Europe. <i>Organic Agriculture</i> , 2016, 6, 281-295.	2.4	58
2	The Nutritive Value of Organic and Conventional White Cabbage ( <i>Brassica Oleracea</i> L. Var.) Produced Thereof. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8171-8183.	5.2	51
3	Changes in Polyphenols Contents and Antioxidant Capacities of Organically and Conventionally Cultivated Tomato ( <i>Solanum lycopersicum</i> L.) Fruits during Ripening. <i>International Journal of Analytical Chemistry</i> , 2017, 2017, 1-10.	1.0	32
4	Electrophysiological responses of the antennal campaniform sensilla to rapid changes of temperature in the ground beetles <i>Pterostichus oblongopunctatus</i> and <i>Poecilus cupreus</i> (Tribe Pterostichini) with different ecological preferences. <i>Physiological Entomology</i> , 2006, 31, 278-285.	1.5	31
5	Crop yields and supply of nitrogen compared in conventional and organic farming systems. <i>Agricultural and Food Science</i> , 2014, 23, 317-326.	0.9	31
6	Dynamics of Supercooling Ability and Cold Tolerance of the Alder Beetle (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 2018, 47, 1024-1029.	1.4	23
7	Winter cover crop effects on soil structural stability and microbiological activity in organic farming. <i>Biological Agriculture and Horticulture</i> , 2016, 32, 170-181.	1.0	20
8	Relation between leaf rust ( <i>Melampsora epitea</i> ) severity and the specific leaf area in short rotation coppice willows. <i>European Journal of Plant Pathology</i> , 2010, 126, 583-588.	1.7	18
9	Effects of land use on infestation and parasitism rates of cabbage seed weevil in oilseed rape. <i>Pest Management Science</i> , 2019, 75, 658-666.	3.4	18
10	Soil carbon dynamics estimation and dependence on farming system in a temperate climate. <i>Soil and Tillage Research</i> , 2015, 154, 53-63.	5.6	14
11	Organic Carrot ( <i>Daucus carota</i> L.) Production Has an Advantage over Conventional in Quantity as Well as in Quality. <i>Agronomy</i> , 2020, 10, 1420.	3.0	14
12	Do cropping system and insecticide use in spring oilseed rape affect the abundance of pollen beetles ( <i>Meligethes aeneus</i> Fab.) on the crop?. <i>International Journal of Pest Management</i> , 2008, 54, 1-4.	1.8	13
13	Soil Particulate and Mineral-Associated Organic Matter Increases in Organic Farming under Cover Cropping and Manure Addition. <i>Agriculture (Switzerland)</i> , 2021, 11, 903.	3.1	13
14	Factors affecting cold hardiness in the small striped flea beetle, <i>Phyllotreta undulata</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2009, 131, 278-285.	1.4	11
15	Yield and fruit quality of organically cultivated blackcurrant cultivars. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2009, 59, 63-69.	0.6	11
16	Do green manures as winter cover crops impact the weediness and crop yield in an organic crop rotation?. <i>Biological Agriculture and Horticulture</i> , 2016, 32, 182-191.	1.0	11
17	Rhythms of passive and active ventilation, and circulation recorded in diapausing pupae of <i>Mamestra brassicae</i> using constant volume respirometry. <i>Physiological Entomology</i> , 2007, 32, 246-252.	1.5	10
18	Effects of Neem EC on gas exchange, tracheal ventilation, and water loss in diapausing pupae of <i>Pieris brassicae</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2008, 126, 165-173.	1.4	10

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19	Antennal sugar sensitivity in the click beetle <i>Agriotes obscurus</i> . <i>Physiological Entomology</i> , 2012, 37, 345-353.	1.5	9
20	Electrophysiological responses of the chemoreceptor neurones in the antennal taste sensilla to plant alkaloids and glucosides in a granivorous ground beetle. <i>Physiological Entomology</i> , 2011, 36, 368-378.	1.5	8
21	Low temperature survival of post-eclosion stages of the potato rot nematode <i>Ditylenchus destructor</i> Thorne (Tylenchida; Anguinidae). <i>Nematology</i> , 2011, 13, 977-983.	0.6	8
22	Changes in the Soil Microbial Hydrolytic Activity and the Content of Organic Carbon and Total Nitrogen by Growing Spring Barley Undersown with Red Clover in Different Farming Systems. <i>Agriculture (Switzerland)</i> , 2019, 9, 146.	3.1	8
23	Cultivation technology influences the occurrence of potato early blight ( <i>Alternaria solani</i> ) in an organic farming system. <i>Zemdirbyste</i> , 2014, 101, 199-204.	0.8	8
24	Infectivity of Tomato yellow leaf curl virus isolated from imported tomato fruit in Estonia. <i>Zemdirbyste</i> , 2017, 104, 47-52.	0.8	8
25	Supercooling ability and cold hardiness of the pollen beetle <i>Meligethes aeneus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2011, 138, 117-127.	1.4	7
26	In search of secondary plants to enhance the efficiency of cabbage seed weevil management. <i>BioControl</i> , 2017, 62, 29-38.	2.0	7
27	Cold tolerance of Colorado potato beetle ( <i>Leptinotarsa decemlineata</i> Say) adults and eggs. <i>Zemdirbyste</i> , 2014, 101, 431-436.	0.8	6
28	Integrated crop and pest management of winter oilseed rape ( <i>Brassica napus</i> L.). <i>Zemdirbyste</i> , 2015, 102, 325-334.	0.8	6
29	The length of discontinuous gas exchange cycles in lepidopteran pupae may serve as a mechanism for natural selection. <i>Physiological Entomology</i> , 2014, 39, 322-330.	1.5	5
30	The Potato Tuber Disease Occurrence as Affected by Conventional and Organic Farming Systems. <i>American Journal of Potato Research</i> , 2015, 92, 662-672.	0.9	5
31	The soil microbial hydrolytic activity, content of nitrogen and organic carbon were enhanced by organic farming management using cover crops and composts in potato cultivation. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2020, 70, 87-94.	0.6	5
32	Impact of Farming System on Potato Yield and Tuber Quality in Northern Baltic Sea Climate Conditions. <i>Agriculture (Switzerland)</i> , 2022, 12, 568.	3.1	5
33	Gas exchange patterns of <i>Pterostichus niger</i> (Carabidae) in dry and moist air. <i>Physiological Entomology</i> , 2011, 36, 62-67.	1.5	4
34	Phenology and overwintering of the Colorado potato beetle <i>Leptinotarsa decemlineata</i> Say in 2008–2015 in Estonia. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016, 66, 502-509.	0.6	4
35	Factors affecting development and overwintering of second generation Colorado Potato Beetle (Coleoptera: Chrysomelidae) in Estonia in 2010. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2013, 63, 506-515.	0.6	3
36	Pesticide residues in Estonian local and imported food in 2008–2011. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2013, 63, 78-84.	0.6	3

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37	Damage by the raspberry beetle ( <i>Byturus tomentosus</i> De Geer) in different raspberry cultivars. <i>Biological Agriculture and Horticulture</i> , 2013, 29, 227-235.	1.0	3
38	Impact of Weather Conditions and Farming Systems on Size Distribution of Starch Granules and Flour Yield of Winter Wheat. <i>Agriculture (Switzerland)</i> , 2020, 10, 22.	3.1	3
39	Barley undersown with red clover in organic and conventional systems: nitrogen aftereffect on legume growth. <i>Zemdirbyste</i> , 2017, 104, 131-138.	0.8	3
40	Does mulching influence potential predators of raspberry beetle?. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2011, 61, 220-227.	0.6	2
41	Soil Microbial Activity in Different Cropping Systems under Long-Term Crop Rotation. <i>Agriculture (Switzerland)</i> , 2022, 12, 532.	3.1	2
42	Does Thinning of Old Apple Trees Improve Fruit Quality and Decrease Pest Incidence?. <i>International Journal of Fruit Science</i> , 2014, 14, 362-375.	2.4	1
43	Gas exchange pattern in the two-spot ladybird beetle, <i>Athalia bipunctata</i> , differs in dry vs. moist air. <i>Entomologia Experimentalis Et Applicata</i> , 2016, 160, 156-163.	1.4	0
44	Composition of the microbial community in long-term organic and conventional farming systems. <i>Zemdirbyste</i> , 2022, 109, 99-106.	0.8	0