

Lorenzo Furlan

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,332
citations

257101

24
h-index

149479

56
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60
all docs

60
docs citations

60
times ranked

3670
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk Assessment and Area-Wide Crop Rotation to Keep Western Corn Rootworm below Damage Thresholds and Avoid Insecticide Use in European Maize Production. <i>Insects</i> , 2022, 13, 415.	1.0	4
2	Changes in Soil Quality through Conservation Agriculture in North-Eastern Italy. <i>Agriculture (Switzerland)</i> , 2022, 12, 1007.	1.4	5
3	An update of the Worldwide Integrated Assessment (WIA) on systemic insecticides. Part 3: Alternatives to systemic insecticides. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11798-11820.	2.7	40
4	Examining crop root apparatus traits in a maize-soybean-winter wheat rotation under conservation agriculture management. <i>European Journal of Agronomy</i> , 2021, 122, 126171.	1.9	10
5	<i>Nysius cymoides</i> (Hemiptera: Lygaeidae), a potential emerging pest: overview of the information available to implement integrated pest management. <i>International Journal of Pest Management</i> , 2021, 67, 73-88.	0.9	4
6	Western Corn Rootworm (<i>Diabrotica virgifera virgifera</i> LeConte) in Europe: Current Status and Sustainable Pest Management. <i>Insects</i> , 2021, 12, 195.	1.0	23
7	Alternative Strategies for Controlling Wireworms in Field Crops: A Review. <i>Agriculture (Switzerland)</i> , 2021, 11, 436.	1.4	24
8	Species Identification of Wireworms (<i>Agriotes</i> spp.; Coleoptera: Elateridae) of Agricultural Importance in Europe: A New "Horizontal Identification Table". <i>Insects</i> , 2021, 12, 534.	1.0	8
9	Assessment of the Attraction Range of Sex Pheromone Traps to <i>Agriotes</i> (Coleoptera, Elateridae) Male Click Beetles in South-Eastern Europe. <i>Insects</i> , 2021, 12, 733.	1.0	5
10	Risk factors and strategies for integrated management of bird pests affecting maize establishment. <i>Crop Protection</i> , 2021, 148, 105744.	1.0	4
11	Effects of conventional versus no-tillage systems on the population dynamics of elaterid pests and the associated damage at establishment of maize crops. <i>Crop Protection</i> , 2021, 149, 105751.	1.0	12
12	Examining conservation agriculture soil profiles: Outcomes from northeastern Italian silty soils combining indirect geophysical and direct assessment methods. <i>European Journal of Soil Science</i> , 2020, 71, 1064-1075.	1.8	16
13	Meadow-ploughing timing as an integrated pest management tactic to prevent soil-pest damage to maize. <i>European Journal of Agronomy</i> , 2020, 112, 125950.	1.9	11
14	The use of click beetle pheromone traps to optimize the risk assessment of wireworm (Coleoptera: Elateridae) in maize production. <i>Journal of Chemical Ecology</i> , 2020, 46, 1067-1072.	1.6	23
15	An update of the Worldwide Integrated Assessment (WIA) on systemic pesticides. Part 4: Alternatives in major cropping systems. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29867-29899.	2.7	68
16	Have we reached the turning point? Looking for evidence of SOC increase under conservation agriculture and cover crop practices. <i>European Journal of Soil Science</i> , 2020, 71, 1050-1063.	1.8	23
17	Resolving the twin human and environmental health hazards of a plant-based diet. <i>Environment International</i> , 2020, 144, 106081.	4.8	25
18	The Addition of a Pheromone to a Floral Lure Increases Catches of Females of the Click Beetle <i>Agriotes ustulatus</i> (Schaller) (Coleoptera: Elateridae). <i>Journal of Chemical Ecology</i> , 2019, 45, 667-672.	0.9	9

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19	Female Responses to Synthetic Pheromone and Plant Compounds in <i>Agriotes brevis</i> Candeze (Coleoptera: Elateridae). <i>Journal of Insect Behavior</i> , 2018, 31, 106-117.	0.4	10
20	Conservation agriculture and cover crop practices to regulate water, carbon and nitrogen cycles in the low-lying Venetian plain. <i>Catena</i> , 2018, 167, 236-249.	2.2	55
21	Conservation Agriculture Had a Poor Impact on the Soil Porosity of Veneto Low-lying Plain Silty Soils after a 5-year Transition Period. <i>Land Degradation and Development</i> , 2017, 28, 2039-2050.	1.8	21
22	Challenges of conservation agriculture practices on silty soils. Effects on soil pore and gas transport characteristics in North-eastern Italy. <i>Soil and Tillage Research</i> , 2017, 172, 12-21.	2.6	22
23	Risk assessment of soil-pest damage to grain maize in Europe within the framework of Integrated Pest Management. <i>Crop Protection</i> , 2017, 97, 52-59.	1.0	29
24	Conservative Precision Agriculture: an assessment of technical feasibility and energy efficiency within the LIFE+ AGRICARE project. <i>Advances in Animal Biosciences</i> , 2017, 8, 439-443.	1.0	6
25	Careful choice of insecticides in integrated pest management strategies against <i>Ostrinia nubilalis</i> (Hübner) in maize conserves <i>Orius</i> spp. in the field. <i>Crop Protection</i> , 2017, 97, 45-51.	1.0	10
26	Risk assessment of maize damage by wireworms (Coleoptera: Elateridae) as the first step in implementing IPM and in reducing the environmental impact of soil insecticides. <i>Environmental Science and Pollution Research</i> , 2017, 24, 236-251.	2.7	36
27	Sustainability of European winter wheat- and maize-based cropping systems: Economic, environmental and social ex-post assessment of conventional and IPM-based systems. <i>Crop Protection</i> , 2017, 97, 60-69.	1.0	25
28	Farm-scale evaluation of herbicide band application integrated with inter-row mechanical weeding for maize production in four European regions. <i>Weed Research</i> , 2016, 56, 313-322.	0.8	11
29	Disentangling the effects of conservation agriculture practices on the vertical distribution of soil organic carbon. Evidence of poor carbon sequestration in North-Eastern Italy. <i>Agriculture, Ecosystems and Environment</i> , 2016, 230, 68-78.	2.5	64
30	On-farm evaluation of integrated weed management tools for maize production in three different agro-environments in Europe: Agronomic efficacy, herbicide use reduction, and economic sustainability. <i>European Journal of Agronomy</i> , 2015, 63, 71-78.	1.9	35
31	Alternatives to neonicotinoid insecticides for pest control: case studies in agriculture and forestry. <i>Environmental Science and Pollution Research</i> , 2015, 22, 135-147.	2.7	95
32	Geranyl hexanoate, the female-produced pheromone of <i>Agriotes sordidus</i> Illiger (Coleoptera: Elateridae). <i>Journal of Chemical Ecology</i> , 2014, 40, 1011-1022.	0.6	14
33	Conclusions of the Worldwide Integrated Assessment on the risks of neonicotinoids and fipronil to biodiversity and ecosystem functioning. <i>Environmental Science and Pollution Research</i> , 2015, 22, 148-154.	2.7	206
34	Systemic insecticides (neonicotinoids and fipronil): trends, uses, mode of action and metabolites. <i>Environmental Science and Pollution Research</i> , 2015, 22, 5-34.	2.7	1,215
35	Development of a female attractant for the click beetle pest <i>Agriotes brevis</i> . <i>Pest Management Science</i> , 2014, 70, 610-614.	1.7	12
36	IPM thresholds for <i>Agriotes</i> wireworm species in maize in Southern Europe. <i>Journal of Pest Science</i> , 2014, 87, 609-617.	1.9	41

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37	Agriotes proximus and A. lineatus (Coleoptera: Elateridae): a comparative study on the pheromone composition and cytochrome c oxidase subunit I gene sequence. Chemoecology, 2012, 22, 23-28.	0.6	13
38	Secondary Contact and Admixture between Independently Invading Populations of the Western Corn Rootworm, Diabrotica virgifera virgifera in Europe. PLoS ONE, 2012, 7, e50129.	1.1	33
39	Assessment of the range of attraction of pheromone traps to Agriotes lineatus and Agriotes obscurus. Agricultural and Forest Entomology, 2011, 13, 313-319.	0.7	37
40	Results of WCR monitoring plans and evaluation of an eradication programme using GIS and Indicator Kriging. Journal of Applied Entomology, 2011, 135, 38-46.	0.8	12
41	Efficiency of pheromone traps for monitoring <i>Diabrotica virgifera virgifera</i> LeConte. EPPO Bulletin, 2011, 41, 189-194.	0.6	6
42	PCR-based species identification of <i>Agriotes</i> larvae. Bulletin of Entomological Research, 2011, 101, 201-210.	0.5	51
43	Development of a female-targeted attractant for the click beetle, <i>Agriotes ustulatus</i> Schwarz. Acta Phytopathologica Et Entomologica Hungarica, 2011, 46, 235-245.	0.1	11
44	Seasonal fluctuations in <i>Agriotes</i> spp. (Coleoptera: Elateridae) at two sites in Austria and the efficiency of bait trap designs for monitoring wireworm populations in the soil. Journal of Plant Diseases and Protection, 2010, 117, 268-272.	1.6	14
45	The efficacy of biofumigant meals and plants to control wireworm populations. Industrial Crops and Products, 2010, 31, 245-254.	2.5	51
46	Western corn rootworm (<i>Diabrotica virgifera virgifera</i> LeConte) population dynamics. Agricultural and Forest Entomology, 2009, 11, 29-46.	0.7	143
47	New Sex Attractant Composition for the Click Beetle <i>Agriotes proximus</i> : Similarity to the Pheromone of <i>Agriotes lineatus</i> . Journal of Chemical Ecology, 2008, 34, 107-111.	0.9	24
48	Attractant for the sugar-beet weevil <i>Conorrhynchus (Cleonus) mendicus</i> (Col.: Curculionidae). Journal of Applied Entomology, 2007, 131, 569-572.	0.8	6
49	Evaluation of Alternative Options for the Irrigation Aqueduct of the Cavallino Peninsula Using the MULINO Approach. Italian Journal of Agronomy, 2006, 1, 715.	0.4	0
50	The ineffectiveness of insecticide seed coatings and planting-time soil insecticides as <i>Diabrotica virgifera virgifera</i> LeConte population suppressors. Journal of Applied Entomology, 2006, 130, 485-490.	0.8	33
51	The KLP+ ("hat") trap, a non-sticky, attractant baited trap of novel design for catching the western corn rootworm (<i>Diabrotica v. virgifera</i>) and cabbage flea beetles (<i>Phyllotreta</i> spp.) (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock		
52	Multiple Transatlantic Introductions of the Western Corn Rootworm. Science, 2005, 310, 992-992.	6.0	284
53	Monitoring of western corn rootworm (<i>Diabrotica virgifera virgifera</i> LeConte) in Europe 1992-2003.., 2005, , 29-39.		62
54	The biology of <i>Agriotes sordidus</i> Illiger (Col., Elateridae). Journal of Applied Entomology, 2004, 128, 696-706.	0.8	70

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55	Identification of pheromones and optimization of bait composition for click beetle pests (Coleoptera: Tj ETQq1 1 0,784314 rgBT /Overl	1.7	68
56	<i>Diabrotica virgifera virgifera</i> LeConte: What Has Been Done and What Will Be Done in Italy?. <i>Acta Phytopathologica Et Entomologica Hungarica</i> , 2002, 37, 169-173.	0.1	6
57	Geranyl hexanoate attracting male click beetles <i>Agriotes rufipalpis</i> Brulle and <i>Agriotes sordidus</i> Illiger (Col., Elateridae). <i>Journal of Applied Entomology</i> , 2002, 126, 312-314.	0.8	14
58	Identification of sex pheromone composition of click beetle <i>Agriotes brevis</i> candeze. <i>Journal of Chemical Ecology</i> , 2002, 28, 1641-1652.	0.9	33
59	The biology of <i>Agriotes ustulatus</i> SchÄller (Col., Elateridae). II. Larval development, pupation, whole cycle description and practical implications. <i>Journal of Applied Entomology</i> , 1998, 122, 71-78.	0.8	88
60	The biology of <i>Agriotes ustulatus</i> SchÄller (Col., Elateridae). I. Adults and oviposition. <i>Journal of Applied Entomology</i> , 1996, 120, 269-274.	0.8	42