

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
g-index

60
all docs

60
docs citations

60
times ranked

3670
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Multiple Transatlantic Introductions of the Western Corn Rootworm. <i>Science</i> , 2005, 310, 992-992.	6.0	284
3	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
4	Western corn rootworm (<i>Diabrotica virgifera virgifera</i> LeConte) population dynamics. <i>Agricultural and Forest Entomology</i> , 2009, 11, 29-46.	0.7	143
5	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
6	The biology of <i>Agriotes ustulatus</i> Sch�aller (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
7	The biology of <i>Agriotes sordidus</i> Illiger (Col., Elateridae). <i>Journal of Applied Entomology</i> , 2004, 128, 696-706.	0.8	70
8	Identification of pheromones and optimization of bait composition for click beetle pests (Coleoptera: Tj ETQq0 0 Q rgBT /Overlock 10 T	1.7	68
9	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
10	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
11	Monitoring of western corn rootworm (<i>Diabrotica virgifera virgifera</i> LeConte) in Europe 1992-2003.. , 2005, , 29-39.		62
12	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
13	The efficacy of biofumigant meals and plants to control wireworm populations. <i>Industrial Crops and Products</i> , 2010, 31, 245-254.	2.5	51
14	PCR-based species identification of <i>Agriotes</i> larvae. <i>Bulletin of Entomological Research</i> , 2011, 101, 201-210.	0.5	51
15	The biology of <i>Agriotes ustulatus</i> Sch�aller (Col., Elateridae). I. Adults and oviposition. <i>Journal of Applied Entomology</i> , 1996, 120, 269-274.	0.8	42
16	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
17	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
18	Assessment of the range of attraction of pheromone traps to <i>Agriotes lineatus</i> and <i>Agriotes obscurus</i> . <i>Agricultural and Forest Entomology</i> , 2011, 13, 313-319.	0.7	37

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19	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
20	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
21	Identification of sex pheromone composition of click beetle <i>Agriotes brevis candeze</i> . <i>Journal of Chemical Ecology</i> , 2002, 28, 1641-1652.	0.9	33
22	The ineffectiveness of insecticide seed coatings and planting-time soil insecticides as <i>Diabrotica virgifera virgifera</i> LeConte population suppressors. <i>Journal of Applied Entomology</i> , 2006, 130, 485-490.	0.8	33
23	Secondary Contact and Admixture between Independently Invading Populations of the Western Corn Rootworm, <i>Diabrotica virgifera virgifera</i> in Europe. <i>PLoS ONE</i> , 2012, 7, e50129.	1.1	33
24	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
25	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
26	Resolving the twin human and environmental health hazards of a plant-based diet. <i>Environment International</i> , 2020, 144, 106081.	4.8	25
27	New Sex Attractant Composition for the Click Beetle <i>Agriotes proximus</i> : Similarity to the Pheromone of <i>Agriotes lineatus</i> . <i>Journal of Chemical Ecology</i> , 2008, 34, 107-111.	0.9	24
28	Alternative Strategies for Controlling Wireworms in Field Crops: A Review. <i>Agriculture (Switzerland)</i> , 2021, 11, 436.	1.4	24
29	The use of click beetle pheromone traps to optimize the risk assessment of wireworm (Coleoptera: Elateridae) in maize production. <i>Journal of Applied Entomology</i> , 2021, 126, 312-314.	0.8	14
30	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
31	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
32	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
33	Conservation Agriculture Had a Poor Impact on the Soil Porosity of Veneto Lowland Silty Soils after a 5-year Transition Period. <i>Land Degradation and Development</i> , 2017, 28, 2039-2050.	1.8	21
34	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
35	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
36	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. <i>Journal of Plant Diseases and Protection</i> , 2010, 117, 268-272.	1.6	14

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37	Geranyl hexanoate, the female-produced pheromone of <i>Agriotes sordidus</i> Illiger (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 20	0.6	14
38	<i>Agriotes proximus</i> and <i>A. lineatus</i> (Coleoptera: Elateridae): a comparative study on the pheromone composition and cytochrome c oxidase subunit I gene sequence. <i>Chemoecology</i> , 2012, 22, 23-28.	0.6	13
39	Results of WCR monitoring plans and evaluation of an eradication programme using GIS and Indicator Kriging. <i>Journal of Applied Entomology</i> , 2011, 135, 38-46.	0.8	12
40	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
41	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
42	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
43	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
44	Development of a female-targeted attractant for the click beetle, <i>Agriotes ustulatus</i> Schwarz. <i>Acta Phytopathologica Et Entomologica Hungarica</i> , 2011, 46, 235-245.	0.1	11
45	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
46	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
47	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
48	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 20	0.6	10
49	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
50	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
51	<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
52	Attractant for the sugar-beet weevil <i>Conorrhynchus</i> (<i>Cleonus</i>) <i>mendicus</i> (Col.: Curculionidae). <i>Journal of Applied Entomology</i> , 2007, 131, 569-572.	0.8	6
53	Efficiency of pheromone traps for monitoring <i>Diabrotica virgifera virgifera</i> LeConte. <i>EPPO Bulletin</i> , 2011, 41, 189-194.	0.6	6
54	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

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55	Assessment of the Attraction Range of Sex Pheromone Traps to Agriotes (Coleoptera, Elateridae) Male Click Beetles in South-Eastern Europe. <i>Insects</i> , 2021, 12, 733.	1.0	5
56	Changes in Soil Quality through Conservation Agriculture in North-Eastern Italy. <i>Agriculture (Switzerland)</i> , 2022, 12, 1007.	1.4	5
57	<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
58	Risk factors and strategies for integrated management of bird pests affecting maize establishment. <i>Crop Protection</i> , 2021, 148, 105744.	1.0	4
59	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
60	Evaluation of Alternative Options for the Irrigation Aqueduct of the Cavallino Peninsula Using the MULINO Approach. <i>Italian Journal of Agronomy</i> , 2006, 1, 715.	0.4	0