Pablo Bielza

List of Publications by Year in descending order

57 papers	2,400 citations	186209 28 h-index	214721 47 g-index
57 all docs	57 docs citations	57 times ranked	1579 citing authors

#	Article	IF	Citations
1	Insecticide resistance management strategies against the western flower thrips, Frankliniella occidentalis. Pest Management Science, 2008, 64, 1131-1138.	1.7	170
2	Resistance to spinosad in the western flower thrips,Frankliniella occidentalis (Pergande), in greenhouses of south-eastern Spain. Pest Management Science, 2007, 63, 682-687.	1.7	157
3	Insecticide resistance in the tomato pinworm Tuta absoluta: patterns, spread, mechanisms, management and outlook. Journal of Pest Science, 2019, 92, 1329-1342.	1.9	147
4	Ryanodine receptor point mutations confer diamide insecticide resistance in tomato leafminer, Tuta absoluta (Lepidoptera: Gelechiidae). Insect Biochemistry and Molecular Biology, 2017, 80, 11-20.	1.2	122
5	Identification of mutations associated with pyrethroid resistance in the voltage-gated sodium channel of the tomato leaf miner (Tuta absoluta). Insect Biochemistry and Molecular Biology, 2012, 42, 506-513.	1.2	107
6	A nicotinic acetylcholine receptor transmembrane point mutation (G275E) associated with resistance to spinosad in <scp>F</scp>rankliniella occidentalis. Journal of Neurochemistry, 2013, 124, 590-601.	2.1	106
7	A four-year survey on insecticide resistance and likelihood of chemical control failure for tomato leaf miner Tuta absoluta in the European/Asian region. Journal of Pest Science, 2018, 91, 421-435.	1.9	96
8	Insecticide resistance status of Bemisia tabaci Qâ€biotype in southâ€eastern Spain. Pest Management Science, 2009, 65, 885-891.	1.7	86
9	Insecticide resistance in field populations ofFrankliniella occidentalis (Pergande) in Murcia (south-east Spain). Pest Management Science, 2002, 58, 967-971.	1.7	81
10	Metabolic mechanisms of insecticide resistance in the western flower thrips,Frankliniella occidentalis (Pergande). Pest Management Science, 2005, 61, 1009-1015.	1.7	71
11	Ageâ€specific expression of resistance to a neonicotinoid insecticide in the whitefly Bemisia tabaci. Pest Management Science, 2008, 64, 1106-1110.	1.7	58
12	Genetics of Spinosad Resistance in <I>Frankliniella occidentalis</I> (Thysanoptera: Thripidae). Journal of Economic Entomology, 2007, 100, 916-920.	0.8	55
13	Crossâ€resistance and baseline susceptibility of Mediterranean strains of Bemisia tabaci to cyantraniliprole. Pest Management Science, 2015, 71, 1030-1036.	1.7	55
14	Global patterns in genomic diversity underpinning the evolution of insecticide resistance in the aphid crop pest Myzus persicae. Communications Biology, 2021, 4, 847.	2.0	55
15	Genetics of Spinosad Resistance in Frankliniella occidentalis (Thysanoptera: Thripidae). Journal of Economic Entomology, 2007, 100, 916-920.	0.8	51
16	Lack of Fitness Costs of Insecticide Resistance in the Western Flower Thrips (Thysanoptera: Thripidae). Journal of Economic Entomology, 2008, 101, 499-503.	0.8	47
17	Spiromesifen and spirotetramat resistance in field populations of <scp>Bemisia tabaci</scp> Gennadius in Spain. Pest Management Science, 2019, 75, 45-52.	1.7	46
18	Genetic study of Mediterranean and South American populations of tomato leafminer Tuta absoluta (Povolny, 1994) (Lepidoptera: Gelechiidae) using ribosomal and mitochondrial markers. Pest Management Science, 2011, 67, 1155-1162.	1.7	45

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19	Determination of baseline susceptibility of <scp>E</scp>uropean populations of <scp>T</scp>uta absoluta (<scp>M</scp>eyrick) to indoxacarb and chlorantraniliprole using a novel dip bioassay method. Pest Management Science, 2013, 69, 217-227.	1.7	45
20	Insecticide resistance mediated by an exon skipping event. Molecular Ecology, 2016, 25, 5692-5704.	2.0	44
21	Challenges facing arthropod biological control: identifying traits for genetic improvement of predators in protected crops. Pest Management Science, 2020, 76, 3517-3526.	1.7	41
22	Field and laboratory selection ofFrankliniella occidentalis (Pergande) for resistance to insecticides. Pest Management Science, 2002, 58, 920-927.	1.7	40
23	Synergism studies with binary mixtures of pyrethroid, carbamate and organophosphate insecticides onFrankliniella occidentalis (Pergande). Pest Management Science, 2007, 63, 84-89.	1.7	37
24	Efficacy of Enthomopathogenic Fungus <I>Metarhizium anisopliae</I> Against <I>Tuta absoluta</I> (Lepidoptera: Gelechiidae). Journal of Economic Entomology, 2014, 107, 121-124.	0.8	37
25	Mutation in the aceâ€1 gene of the tomato leaf miner (Tuta absoluta) associated with organophosphates resistance. Journal of Applied Entomology, 2017, 141, 612-619.	0.8	34
26	Inheritance of resistance to acrinathrin in Frankliniella occidentalis (Thysanoptera: Thripidae). Pest Management Science, 2008, 64, 584-588.	1.7	32
27	Testing for non-target effects of spiromesifen on Eretmocerus mundus and Orius laevigatus under greenhouse conditions. BioControl, 2009, 54, 229-236.	0.9	32
28	The evolution of multipleâ€insecticide resistance in UK populations of tomato leafminer, Tuta absoluta. Pest Management Science, 2019, 75, 2079-2085.	1.7	32
29	Novel Cytochrome P450 Genes, CYP6EB1 and CYP6EC1, Are Over-Expressed in Acrinathrin-Resistant <I>Frankliniella occidentalis</I> (Thysanoptera: Thripidae). Journal of Economic Entomology, 2012, 105, 1006-1018.	0.8	30
30	Effect of biofumigation with manure amendments and repeated biosolarization on Fusarium densities in pepper crops. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 3-11.	1.4	29
31	Cyantraniliprole: a valuable tool forFrankliniella occidentalis(Pergande) management. Pest Management Science, 2015, 71, 1068-1074.	1.7	28
32	Identification and functional characterization of a novel acetyl-CoA carboxylase mutation associated with ketoenol resistance in Bemisia tabaci. Pesticide Biochemistry and Physiology, 2020, 166, 104583.	1.6	28
33	Stability of spinosad resistance inFrankliniella occidentalis(Pergande) under laboratory conditions. Bulletin of Entomological Research, 2008, 98, 355-359.	0.5	24
34	Cross-Resistance and Baseline Susceptibility of Spirotetramat in <I>Frankliniella occidentalis</I> (Thysanoptera: Thripidae). Journal of Economic Entomology, 2014, 107, 1239-1244.	0.8	24
35	Lack of Fitness Costs of Insecticide Resistance in the Western Flower Thrips (Thysanoptera: Thripidae). Journal of Economic Entomology, 2008, 101, 499-503.	0.8	24
36	Variation in susceptibility and selection for resistance to imidacloprid and thiamethoxam in Mediterranean populations of Orius laevigatus. Entomologia Experimentalis Et Applicata, 2019, 167, 626-635.	0.7	22

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37	Insecticide Resistance in Natural Enemies. , 2016, , 313-329.		20
38	Selection for larger body size in Orius laevigatus: Intraspecific variability and effects on reproductive parameters. Biological Control, 2020, 148, 104310.	1.4	20
39	Genetic improvement of Orius laevigatus for better fitness feeding on pollen. Journal of Pest Science, 2021, 94, 729-742.	1.9	20
40	Carbamates Synergize the Toxicity of Acrinathrin in Resistant Western Flower Thrips (Thysanoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	19
41	Declaration of Ljubljana â€“ The Impact of a Declining European Pesticide Portfolio on Resistance Management. Outlooks on Pest Management, 2008, 19, 246-248.	0.1	18
42	Relationship between esterase activity and acrinathrin and methiocarb resistance in field populations of western flower thrips,Frankliniella occidentalis. Pest Management Science, 2006, 62, 1129-1137.	1.7	17
43	Thiamethoxam acts as a targetâ€site synergist of spinosad in resistant strains of Frankliniella occidentalis. Pest Management Science, 2013, 69, 188-194.	1.7	16
44	Selection for resistance to pyrethroids in the predator Orius laevigatus. Pest Management Science, 2021, 77, 2539-2546.	1.7	16
45	Sulfoxaflor efficacy in the laboratory against imidacloprid-resistant and susceptible populations of the green peach aphid, Myzus persicae: Impact of the R81T mutation in the nicotinic acetylcholine receptor. Pesticide Biochemistry and Physiology, 2020, 166, 104582.	1.6	14
46	PRELIMINARY STUDY ON INSECTICIDE RESISTANCE IN FRANKLINIELLA OCCIDENTALIS (PERGANDE) (THYSANOPTERA: THRIPIDAE) IN SWEET PEPPER CROPS IN CAMPO DE CARTAGENA, S.E OF SPAIN. Acta Horticulturae, 2001, , 745-752.	0.1	13
47	Impact of Production System on Development of Insecticide Resistance in Frankliniella occidentalis (Thysanoptera: Thripidae). Journal of Economic Entomology, 2008, 101, 1685-1690.	0.8	12
48	Baseline susceptibility of Mediterranean strains of <scp>Trialeurodes vaporariorum</scp> (Westwood) to cyantraniliprole. Pest Management Science, 2018, 74, 1552-1557.	1.7	12
49	Comparative Genomics of Facultative Bacterial Symbionts Isolated from European Orius Species Reveals an Ancestral Symbiotic Association. Frontiers in Microbiology, 2017, 8, 1969.	1.5	11
50	Impact of Production System on Development of Insecticide Resistance in <I>Frankliniella occidentalis</I> (Thysanoptera: Thripidae). Journal of Economic Entomology, 2008, 101, 1685-1690.	0.8	10
51	Life-Stage Variation in Insecticide Resistance of the Western Flower Thrips (Thysanoptera: Thripidae). Journal of Economic Entomology, 2010, 103, 2164-2168.	0.8	10
52	Esterase inhibition by synergists in the western flower thrips Frankliniella occidentalis. Pest Management Science, 2011, 67, 1549-1556.	1.7	8
53	Genetic improvement of spinosad resistance in the biocontrol agent Orius laevigatus. BioControl, 2021, 66, 673-685.	0.9	8
54	Stability of insecticide resistance in Frankliniella occidentalis to acrinathrin, formetanate and methiocarb. Agricultural and Forest Entomology, 2008, 10, 273-278.	0.7	7

#	Article	IF	Citations
55	Effect of the Amount of Ephestia kuehniella Eggs for Rearing on Development, Survival, and Reproduction of Orius laevigatus. Insects, 2022, 13, 250.	1.0	5
56	Humans Share More Preferences for Floral Phenotypes With Pollinators Than With Pests. Frontiers in Plant Science, 2021, 12, 647347.	1.7	3
57	Case study 4:Tuta absolutaÂâ€" insecticide resistance management of this invasive species. , 2016, , .		3