Thomas Van Leeuwen

List of Publications by Year
in descending order

156 papers	10,987 citations	36691 53 h-index	42259 96 g-index
166 all docs	166 docs citations	166 times ranked	7033 citing authors

#	Article	IF	Citations
1	Multiple <scp>TaqMan qPCR</scp> and droplet digital <scp>PCR</scp> (<scp>ddPCR</scp>) diagnostics for pesticide resistance monitoring and management, in the major agricultural pest <scp><i>Tetranychus urticae</i></scp>. Pest Management Science, 2022, 78, 263-273.	1.7	15
2	Biochemical and molecular mechanisms of acaricide resistance in Dermanyssus gallinae populations from Turkey. Pesticide Biochemistry and Physiology, 2022, 180, 104985.	1.6	8
3	Combination of target site mutation and associated CYPs confers high-level resistance to pyridaben in Tetranychus urticae. Pesticide Biochemistry and Physiology, 2022, 181, 105000.	1.6	12
4	Selectivity and molecular stress responses to classical and botanical acaricides in the predatory mite <i>Phytoseiulus persimilis</i><scp>Athiasâ€Henriot</scp> (<scp>Acari: Phytoseiidae</scp>). Pest Management Science, 2022, 78, 881-895.	1.7	13
5	Variation of diazinon and amitraz susceptibility of Hyalomma marginatum (Acari: Ixodidae) in the Rabat-Sale-Kenitra region of Morocco. Ticks and Tick-borne Diseases, 2022, 13, 101883.	1.1	2
6	Pirimicarb resistance and associated mechanisms in field-collected and selected populations of Neoseiulus californicus. Pesticide Biochemistry and Physiology, 2022, 180, 104984.	1.6	7
7	Over-expression in cis of the midgut P450 CYP392A16 contributes to abamectin resistance in Tetranychus urticae. Insect Biochemistry and Molecular Biology, 2022, 142, 103709.	1.2	13
8	Structural and functional characterization of Î^{2}-cyanoalanine synthase from Tetranychus urticae. Insect Biochemistry and Molecular Biology, 2022, 142, 103722.	1.2	2
9	Cover Image, Volume 78, Issue 3. Pest Management Science, 2022, 78, .	1.7	0
10	QTL mapping suggests that both cytochrome P450-mediated detoxification and target-site resistance are involved in fenbutatin oxide resistance in Tetranychus urticae. Insect Biochemistry and Molecular Biology, 2022, 145, 103757.	1.2	13
11	A H258Y mutation in subunit B of the succinate dehydrogenase complex of the spider mite Tetranychus urticae confers resistance to cyenopyrafen and pyflubumide, but likely reinforces cyflumetofen binding and toxicity. Insect Biochemistry and Molecular Biology, 2022, 144, 103761.	1.2	7
12	Interactions With Plant Defences Isolate Sympatric Populations of an Herbivorous Mite. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	3
13	Biochemical and insecticidal effects of plant essential oils on insecticide resistant and susceptible populations of Musca domestica L. point to a potential cross-resistance risk. Pesticide Biochemistry and Physiology, 2022, 184, 105115.	1.6	8
14	The <scp>H92R</scp> substitution in <scp>PSST</scp> is a reliable diagnostic biomarker for predicting resistance to mitochondrial electron transport inhibitors of complex I in European populations of <i>Tetranychus urticae</i>. Pest Management Science, 2022, 78, 3644-3653.	1.7	10
15	A mutation in chitin synthase I associated with etoxazole resistance in the citrus red mite <i>Panonychus citri</i> (Acari: Tetranychidae) and its uneven geographical distribution in Japan. Pest Management Science, 2022, 78, 4028-4036.	1.7	3
16	Intradiol ring cleavage dioxygenases from herbivorous spider mites as a new detoxification enzyme family in animals. BMC Biology, 2022, 20, .	1.7	14
17	Incidence of spiromesifen resistance and resistance mechanisms in Tetranychus urticae populations collected from strawberry production areas in Turkey. Crop Protection, 2022, 160, 106049.	1.0	7
18	Fenpyroximate resistance in Iranian populations of the European red mite Panonychus ulmi (Acari:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	7

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19	Identification and characterization of striking multipleâ€insecticide resistance in a <i>Tetranychus urticae</i> field population from Greece. Pest Management Science, 2021, 77, 666-676.	1.7	23
20	Is the emerging mite pest <i>Aculops lycopersici</i> controllable? Global and genomeâ€based insights in its biology and management. Pest Management Science, 2021, 77, 2635-2644.	1.7	21
21	Reduced proinsecticide activation by cytochrome P450 confers coumaphos resistance in the major bee parasite <i>Varroa destructor</i>. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	42
22	Short term transcriptional responses of P450s to phytochemicals in insects and mites. Current Opinion in Insect Science, 2021, 43, 117-127.	2.2	35
23	Genetic analysis and screening of pyrethroid resistance mutations in Varroa destructor populations from Turkey. Experimental and Applied Acarology, 2021, 84, 433-444.	0.7	9
24	High-resolution genetic mapping reveals cis-regulatory and copy number variation in loci associated with cytochrome P450-mediated detoxification in a generalist arthropod pest. PLoS Genetics, 2021, 17, e1009422.	1.5	26
25	The role of detoxification enzymes in the susceptibility of Brevipalpus californicus exposed to acaricide and insecticide mixtures. Pesticide Biochemistry and Physiology, 2021, 175, 104855.	1.6	7
26	The phenylpropanoid pathway inhibitor piperonylic acid induces broadâ€spectrum pest and disease resistance in plants. Plant, Cell and Environment, 2021, 44, 3122-3139.	2.8	31
27	Adaptive divergence and post-zygotic barriers to gene flow between sympatric populations of a herbivorous mite. Communications Biology, 2021, 4, 853.	2.0	12
28	The genome of the extremophile Artemia provides insight into strategies to cope with extreme environments. BMC Genomics, 2021, 22, 635.	1.2	20
29	Editorial: Invertebrate UDP-Glycosyltransferases: Nomenclature, Diversity and Functions. Frontiers in Physiology, 2021, 12, 748290.	1.3	3
30	Comparing the efficiency of RNAi after feeding and injection of dsRNA in spider mites. Pesticide Biochemistry and Physiology, 2021, 179, 104966.	1.6	9
31	Untangling a <scp>G</scp>ordian knot: the role of a <scp>GluCl3 I321T</scp> mutation in abamectin resistance in <i>Tetranychus urticae</i>. Pest Management Science, 2021, 77, 1581-1593.	1.7	29
32	The G126S substitution in mitochondrially encoded cytochrome b does not confer bifenazate resistance in the spider mite Tetranychus urticae. Experimental and Applied Acarology, 2021, 85, 161-172.	0.7	7
33	Pyrethroid target-site resistance mutations in populations of the honey bee parasite Varroa destructor (Acari: Varroidae) from Flanders, Belgium. Experimental and Applied Acarology, 2021, 85, 205-221.	0.7	8
34	Ticks and Tick-Borne Pathogens Abound in the Cattle Population of the Rabat-Sale Kenitra Region, Morocco. Pathogens, 2021, 10, 1594.	1.2	7
35	Overexpression of an alternative allele of carboxyl/choline esterase 4 (CCE04) of <i>Tetranychus urticae</i> is associated with high levels of resistance to the ketoâ€enol acaricide spirodiclofen. Pest Management Science, 2020, 76, 1142-1153.	1.7	29
36	Identification and geographical distribution ofÂpyrethroid resistance mutations in the poultry red mite <i>Dermanyssus gallinae</i>. Pest Management Science, 2020, 76, 125-133.	1.7	33

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37	Identification and characterization of new mutations in mitochondrial cytochrome b that confer resistance to bifenazate and acequinocyl in the spider mite <i>Tetranychus urticae</i>. Pest Management Science, 2020, 76, 1154-1163.	1.7	39
38	Molecular and genetic analysis of resistance to METI-I acaricides in Iranian populations of the citrus red mite Panonychus citri. Pesticide Biochemistry and Physiology, 2020, 164, 73-84.	1.6	21
39	Costs and benefits of multiple mating in a species with firstâ€male sperm precedence. Journal of Animal Ecology, 2020, 89, 1045-1054.	1.3	16
40	Acaricide resistance status and identification of resistance mutations in populations of the two-spotted spider mite Tetranychus urticae from Ethiopia. Experimental and Applied Acarology, 2020, 82, 475-491.	0.7	16
41	Genome-enabled insights into the biology of thrips as crop pests. BMC Biology, 2020, 18, 142.	1.7	54
42	Diversity and evolution of the P450 family in arthropods. Insect Biochemistry and Molecular Biology, 2020, 127, 103490.	1.2	109
43	Cover Image, Volume 76, Issue 8. Pest Management Science, 2020, 76, .	1.7	0
44	QTL mapping using microsatellite linkage reveals target-site mutations associated with high levels of resistance against three mitochondrial complex II inhibitors in Tetranychus urticae. Insect Biochemistry and Molecular Biology, 2020, 123, 103410.	1.2	36
45	Using CRISPR/Cas9 genome modification to understand the genetic basis of insecticide resistance: Drosophila and beyond. Pesticide Biochemistry and Physiology, 2020, 167, 104595.	1.6	36
46	Geographical distribution and molecular insights into abamectin and milbemectin crossâ€resistance in European field populations of <i>Tetranychus urticae</i>. Pest Management Science, 2020, 76, 2569-2581.	1.7	47
47	Resistance risk assessment of the novel complex II inhibitor pyflubumide in the polyphagous pest Tetranychus urticae. Journal of Pest Science, 2020, 93, 1085-1096.	1.9	18
48	Targeted mutagenesis using CRISPR-Cas9 in the chelicerate herbivore Tetranychus urticae. Insect Biochemistry and Molecular Biology, 2020, 120, 103347.	1.2	49
49	Identifying drivers of spatioâ€temporal dynamics in barley yellow dwarf virus epidemiology as a critical factor in disease control. Pest Management Science, 2020, 76, 2548-2556.	1.7	11
50	Improving the compatibility of pesticides and predatory mites: recent findings on physiological and ecological selectivity. Current Opinion in Insect Science, 2020, 39, 63-68.	2.2	29
51	Significance and interpretation of molecular diagnostics for insecticide resistance management of agricultural pests. Current Opinion in Insect Science, 2020, 39, 69-76.	2.2	64
52	Metabolic mechanisms of resistance to spirodiclofen and spiromesifen in Iranian populations of Panonychus ulmi. Crop Protection, 2020, 134, 105166.	1.0	21
53	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
54	Genome streamlining in a minute herbivore that manipulates its host plant. ELife, 2020, 9, .	2.8	33

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55	Trait mapping in diverse arthropods by bulked segregant analysis. Current Opinion in Insect Science, 2019, 36, 57-65.	2.2	32
56	Convergent evolution of cytochrome P450s underlies independent origins of keto-carotenoid pigmentation in animals. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191039.	1.2	28
57	Characterization of abamectin resistance in Iranian populations of European red mite, Panonychus ulmi Koch (Acari: Tetranychidae). Crop Protection, 2019, 125, 104903.	1.0	21
58	Resistance incidence and presence of resistance mutations in populations of Tetranychus urticae from vegetable crops in Turkey. Experimental and Applied Acarology, 2019, 78, 343-360.	0.7	30
59	High-resolution QTL mapping in Tetranychus urticae reveals acaricide-specific responses and common target-site resistance after selection by different METI-I acaricides. Insect Biochemistry and Molecular Biology, 2019, 110, 19-33.	1.2	62
60	Point mutations in the voltage-gated sodium channel gene associated with pyrethroid resistance in Iranian populations of the European red mite Panonychus ulmi. Pesticide Biochemistry and Physiology, 2019, 157, 80-87.	1.6	16
61	Long-Term Population Studies Uncover the Genome Structure and Genetic Basis of Xenobiotic and Host Plant Adaptation in the Herbivore <i>Tetranychus urticae</i>. Genetics, 2019, 211, 1409-1427.	1.2	70
62	Substrate specificity and promiscuity of horizontally transferred UDP-glycosyltransferases in the generalist herbivore Tetranychus urticae. Insect Biochemistry and Molecular Biology, 2019, 109, 116-127.	1.2	38
63	Genomeâ€wide gene expression profiling reveals that cuticle alterations and P450 detoxification are associated with deltamethrin and DDT resistance in <i>Anopheles arabiensis</i> populations from Ethiopia. Pest Management Science, 2019, 75, 1808-1818.	1.7	42
64	Structural and functional characterization of an intradiol ring-cleavage dioxygenase from the polyphagous spider mite herbivore Tetranychus urticae Koch. Insect Biochemistry and Molecular Biology, 2019, 107, 19-30.	1.2	6
65	A massive incorporation of microbial genes into the genome of <i>Tetranychus urticae</i>, a polyphagous arthropod herbivore. Insect Molecular Biology, 2018, 27, 333-351.	1.0	40
66	Does host plant adaptation lead to pesticide resistance in generalist herbivores?. Current Opinion in Insect Science, 2018, 26, 25-33.	2.2	74
67	The role of glutathione S-transferases (GSTs) in insecticide resistance in crop pests and disease vectors. Current Opinion in Insect Science, 2018, 27, 97-102.	2.2	197
68	Fitness costs of key point mutations that underlie acaricide targetâ€site resistance in the twoâ€spotted spider mite <i>Tetranychus urticae</i>. Evolutionary Applications, 2018, 11, 1540-1553.	1.5	40
69	Molecular characterization of pyrethroid resistance in the olive fruit fly Bactrocera oleae. Pesticide Biochemistry and Physiology, 2018, 148, 1-7.	1.6	16
70	A Gene Family Coding for Salivary Proteins (SHOT) of the Polyphagous Spider Mite <i>Tetranychus urticae</i> Exhibits Fast Host-Dependent Transcriptional Plasticity. Molecular Plant-Microbe Interactions, 2018, 31, 112-124.	1.4	29
71	Kin competition accelerates experimental range expansion in an arthropod herbivore. Ecology Letters, 2018, 21, 225-234.	3.0	46
72	Draft Genome Assembly of the Poultry Red Mite, <i>Dermanyssus gallinae</i>. Microbiology Resource Announcements, 2018, 7, .	0.3	26

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73	Transcriptomic Plasticity in the Arthropod Generalist Tetranychus urticae Upon Long-Term Acclimation to Different Host Plants. G3: Genes, Genomes, Genetics, 2018, 8, 3865-3879.	0.8	36
74			

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91	Resistance mutation conserved between insects and mites unravels the benzoylurea insecticide mode of action on chitin biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14692-14697.	3.3	144
92	Complex Evolutionary Dynamics of Massively Expanded Chemosensory Receptor Families in an Extreme Generalist Chelicerate Herbivore. Genome Biology and Evolution, 2016, 8, 3323-3339.	1.1	42
93	Horizontal Gene Transfer Contributes to the Evolution of Arthropod Herbivory. Genome Biology and Evolution, 2016, 8, 1785-1801.	1.1	155
94	The Salivary Protein Repertoire of the Polyphagous Spider Mite Tetranychus urticae: A Quest for Effectors. Molecular and Cellular Proteomics, 2016, 15, 3594-3613.	2.5	113
95	Salivary proteins of spider mites suppress defenses in <i>Nicotiana benthamiana</i> and promote mite reproduction. Plant Journal, 2016, 86, 119-131.	2.8	149
96	Comparative genome-wide transcriptome analysis of Vitis vinifera responses to adapted and non-adapted strains of two-spotted spider mite, Tetranyhus urticae. BMC Genomics, 2016, 17, 74.	1.2	53
97	The Molecular Evolution of Xenobiotic Metabolism and Resistance in Chelicerate Mites. Annual Review of Entomology, 2016, 61, 475-498.	5.7	227
98	Molecular analysis of cyenopyrafen resistance in the twoâ€spotted spider mite <i>Tetranychus urticae</i>. Pest Management Science, 2016, 72, 103-112.	1.7	60
99	Incidence and characterization of resistance to pyrethroid and organophosphorus insecticides in Thrips tabaci (Thysanoptera: Thripidae) in onion fields in Isfahan, Iran. Pesticide Biochemistry and Physiology, 2016, 129, 28-35.	1.6	19
100	Mutations in chitin synthase-1 (CHS-1) confer resistance to a range of structurally diverse acaricides and insecticides. , 2016, , .		0
101	Adaptation of a polyphagous herbivore to a novel host plant extensively shapes the transcriptome of herbivore and host. Molecular Ecology, 2015, 24, 4647-4663.	2.0	131
102	Feeding History Affects Intraguild Interactions between Harmonia axyridis (Coleoptera: Coccinellidae) and Episyrphus balteatus (Diptera: Syrphidae). PLoS ONE, 2015, 10, e0128518.	1.1	9
103	The economic importance of acaricides in the control of phytophagous mites and an update on recent acaricide mode of action research. Pesticide Biochemistry and Physiology, 2015, 121, 12-21.	1.6	238
104	Mechanisms and ecological consequences of plant defence induction and suppression in herbivore communities. Annals of Botany, 2015, 115, 1015-1051.	1.4	244
105	Transcriptome profiling of a spirodiclofen susceptible and resistant strain of the European red mite Panonychus ulmi using strand-specific RNA-seq. BMC Genomics, 2015, 16, 974.	1.2	54
106	Tomato Whole Genome Transcriptional Response to <i>Tetranychus urticae</i> Identifies Divergence of Spider Mite-Induced Responses Between Tomato and <i>Arabidopsis</i>. Molecular Plant-Microbe Interactions, 2015, 28, 343-361.	1.4	90
107	Functional characterization of glutathione S-transferases associated with insecticide resistance in Tetranychus urticae. Pesticide Biochemistry and Physiology, 2015, 121, 53-60.	1.6	69
108	Genotype to phenotype, the molecular and physiological dimensions of resistance in arthropods. Pesticide Biochemistry and Physiology, 2015, 121, 61-77.	1.6	237

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109	Empirically simulated spatial sorting points at fast epigenetic changes in dispersal behaviour. Evolutionary Ecology, 2015, 29, 299-310.	0.5	23
110	Functional characterization of the Tetranychus urticae CYP392A11, a cytochrome P450 that hydroxylates the METI acaricides cyenopyrafen and fenpyroximate. Insect Biochemistry and Molecular Biology, 2015, 65, 91-99.	1.2	72
111	Genome sequence of the Asian Tiger mosquito, <i>Aedes albopictus</i> , reveals insights into its biology, genetics, and evolution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5907-15.	3.3	251
112	Intraguild predation by <i><scp>H</scp>armonia axyridis</i> (<scp>C</scp>oleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (< samples. Entomological Science, 2015, 18, 130-133.	0.3	40
113	Reciprocal Responses in the Interaction between Arabidopsis and the Cell-Content-Feeding Chelicerate Herbivore Spider Mite Â Â. Plant Physiology, 2014, 164, 384-399.	2.3	151
114	Crossâ€resistance risk of the novel complex <scp>II</scp> inhibitors cyenopyrafen and cyflumetofen in resistant strains of the twoâ€spotted spider mite <i>Tetranychus urticae</i>. Pest Management Science, 2014, 70, 365-368.	1.7	59
115	Abamectin is metabolized by CYP392A16, a cytochrome P450 associated with high levels of acaricide resistance in Tetranychus urticae. Insect Biochemistry and Molecular Biology, 2014, 46, 43-53.	1.2	155
116	Bacterial origin of a diverse family of UDP-glycosyltransferase genes in the Tetranychus urticae genome. Insect Biochemistry and Molecular Biology, 2014, 50, 43-57.	1.2	59
117	The ABC gene family in arthropods: Comparative genomics and role inÂinsecticide transport and resistance. Insect Biochemistry and Molecular Biology, 2014, 45, 89-110.	1.2	462
118	Fitness maximization by dispersal: evidence from an invasion experiment. Ecology, 2014, 95, 3104-3111.	1.5	38
119	The cyclic keto-enol insecticide spirotetramat inhibits insect and spider mite acetyl-CoA carboxylases by interfering with the carboxyltransferase partial reaction. Insect Biochemistry and Molecular Biology, 2014, 55, 1-8.	1.2	76
120	High resolution genetic mapping uncovers chitin synthase-1 as the target-site ofÂthe structurally diverse mite growth inhibitors clofentezine, hexythiazox and etoxazole in Tetranychus urticae. Insect Biochemistry and Molecular Biology, 2014, 51, 52-61.	1.2	83
121	A gene horizontally transferred from bacteria protects arthropods from host plant cyanide poisoning. ELife, 2014, 3, e02365.	2.8	135
122	Application of Two-spotted Spider Mite Tetranychus urticae for Plant-pest Interaction Studies. Journal of Visualized Experiments, 2014, , .	0.2	43
123	Spider mite control and resistance management: does a genome help?. Pest Management Science, 2013, 69, 156-159.	1.7	50
124	A burst of ABC genes in the genome of the polyphagous spider mite Tetranychus urticae. BMC Genomics, 2013, 14, 317.	1.2	118
125	Genome wide gene-expression analysis of facultative reproductive diapause in the two-spotted spider mite Tetranychus urticae. BMC Genomics, 2013, 14, 815.	1.2	92
126	Molecular analysis of resistance to acaricidal spirocyclic tetronic acids in Tetranychus urticae: CYP392E10 metabolizes spirodiclofen, but not its corresponding enol. Insect Biochemistry and Molecular Biology, 2013, 43, 544-554.	1.2	107

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127	A link between host plant adaptation and pesticide resistance in the polyphagous spider mite <i>Tetranychus urticae</i>. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E113-22.	3.3	347
128	Population bulk segregant mapping uncovers resistance mutations and the mode of action of a chitin synthesis inhibitor in arthropods. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4407-4412.	3.3	240
129	On the mode of action of bifenazate: New evidence for a mitochondrial target site. Pesticide Biochemistry and Physiology, 2012, 104, 88-95.	1.6	39
130	The cys-loop ligand-gated ion channel gene family of Tetranychus urticae: Implications for acaricide toxicology and a novel mutation associated with abamectin resistance. Insect Biochemistry and Molecular Biology, 2012, 42, 455-465.	1.2	161
131	A horizontally transferred cyanase gene in the spider mite Tetranychus urticae is involved in cyanate metabolism and is differentially expressed upon host plant change. Insect Biochemistry and Molecular Biology, 2012, 42, 881-889.	1.2	40
132	Resistance to acaricides in Italian strains of Tetranychus urticae: toxicological and enzymatic assays. Experimental and Applied Acarology, 2012, 57, 53-64.	0.7	36
133	The genome of Tetranychus urticae reveals herbivorous pest adaptations. Nature, 2011, 479, 487-492.	13.7	897
134	Parallel evolution of cytochrome <i>b</i> mediated bifenazate resistance in the citrus red mite <i>Panonychus citri</i>. Insect Molecular Biology, 2011, 20, 135-140.	1.0	51
135	Acaricide resistance and resistance mechanisms in <i>Tetranychus urticae</i> populations from rose greenhouses in the Netherlands. Pest Management Science, 2011, 67, 1424-1433.	1.7	108
136	The control of eriophyoid mites: state of the art and future challenges. Experimental and Applied Acarology, 2010, 51, 205-224.	0.7	70
137	Acetylcholinesterase point mutations in European strains of <i>Tetranychus urticae</i> (Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	87
138	Acaricide resistance mechanisms in the two-spotted spider mite Tetranychus urticae and other important Acari: A review. Insect Biochemistry and Molecular Biology, 2010, 40, 563-572.	1.2	626
139	Effects of spirodiclofen on reproduction in a susceptible and resistant strain of Tetranychus urticae (Acari: Tetranychidae). Experimental and Applied Acarology, 2009, 47, 301-309.	0.7	53
140	Susceptibility of an organophosphate resistant strain of the two-spotted spider mite (Tetranychus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Applied Acarology, 2009, 49, 185-192.	0.7	13
141	Genetic and biochemical analysis of a laboratoryâ€selected spirodiclofenâ€resistant strain of <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae). Pest Management Science, 2009, 65, 358-366.	1.7	105
142	Mutations in the mitochondrial cytochrome <i>b</i> of <i>Tetranychus urticae</i> Koch (Acari:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 2009, 65, 404-412.	1.7	95
143	Identification of pyrethroid resistance associated mutations in the <i>para</i> sodium channel of the twoâ€spotted spider mite <i>Tetranychus urticae</i> (Acari: Tetranychidae). Insect Molecular Biology, 2009, 18, 583-593.	1.0	99
144	Mechanisms of Acaricide Resistance in the Two-Spotted Spider Mite Tetranychus urticae. , 2009, , 347-393.		66

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145	Resistance mechanisms to mitochondrial electron transport inhibitors in a field-collected strain of<i>Tetranychus urticae</i>Koch (Acari: Tetranychidae). Bulletin of Entomological Research, 2009, 99, 23-31.	0.5	107
146	Induction of cytochrome P450 monooxygenase activity in the two-spotted spider mite Tetranychus urticae and its influence on acaricide toxicity. Pesticide Biochemistry and Physiology, 2008, 91, 128-133.	1.6	35
147	Mitochondrial heteroplasmy and the evolution of insecticide resistance: Non-Mendelian inheritance in action. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5980-5985.	3.3	225
148	Esterase-mediated bifenthrin resistance in a multiresistant strain of the two-spotted spider mite,Tetranychus urticae. Pest Management Science, 2007, 63, 150-156.	1.7	74
149	Organophosphate insecticides and acaricides antagonise bifenazate toxicity through esterase inhibition inTetranychus urticae. Pest Management Science, 2007, 63, 1172-1177.	1.7	55
150	Susceptibility of the predatory stinkbug Picromerus bidens to selected insecticides. BioControl, 2007, 52, 765-774.	0.9	22
151	Complete maternal inheritance of bifenazate resistance in Tetranychus urticae Koch (Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Molecular Biology, 2006, 36, 869-877.	1.2	89
152	Biochemical analysis of a chlorfenapyr-selected resistant strain ofTetranychus urticae Koch. Pest Management Science, 2006, 62, 425-433.	1.7	81
153	Systemic toxicity of spinosad to the greenhouse whiteflyTrialeurodes vaporariorum and to the cotton leaf wormSpodoptera littoralis. Phytoparasitica, 2006, 34, 102-108.	0.6	10
154	Systemic Use of Spinosad to Control the Two-spotted Spider Mite (Acari: Tetranychidae) on Tomatoes Grown in Rockwool. Experimental and Applied Acarology, 2005, 37, 93-105.	0.7	39
155	Comparative acaricide susceptibility and detoxifying enzyme activities in field-collected resistant and susceptible strains ofTetranychus urticae. Pest Management Science, 2005, 61, 499-507.	1.7	171
156	Genetic analysis and cross-resistance spectrum of a laboratory-selected chlorfenapyr resistant strain of two-spotted spider mite (Acari: Tetranychidae). Experimental and Applied Acarology, 2004, 32, 249-261.	0.7	147