

Kevin J Gorman

List of Publications by Year in descending order

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39
papers

3,240
citations

147566

31
h-index

301761

39
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all docs

39
docs citations

39
times ranked

2145
citing authors

#	ARTICLE	IF	CITATIONS
1	Over-expression of cytochrome P450 CYP6CM1 is associated with high resistance to imidacloprid in the B and Q biotypes of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 634-644.	1.2	349
2	Discovery and Characterization of Sulfoxaflor, a Novel Insecticide Targeting Sap-Feeding Pests. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2950-2957.	2.4	295
3	Baseline determination and detection of resistance to imidacloprid in <i>Bemisia tabaci</i> (Homoptera: Aleyrodidae). <i>Bulletin of Entomological Research</i> , 1996, 86, 343-349.	0.5	219
4	Insecticide resistance in <i>Bemisia tabaci</i> biotype Q (Hemiptera: Aleyrodidae) from China. <i>Crop Protection</i> , 2010, 29, 429-434.	1.0	189
5	Pyrethroid and organophosphate resistance in the tobacco whitefly <i>Bemisia tabaci</i> (Homoptera: Tj ETQq1 1,0,784314 rgBT /Ove	0.5	147
6	Biotype Q of <i>Bemisia tabaci</i> identified in Israel. <i>Phytoparasitica</i> , 2003, 31, 94-98.	0.6	131
7	New developments in insecticide resistance in the glasshouse whitefly (<i>Trialeurodes vaporariorum</i>) and the two-spotted spider mite (<i>Tetranychus urticae</i>) in the UK. <i>Pest Management Science</i> , 2002, 58, 123-130.	1.7	107
8	Identification of mutations associated with pyrethroid resistance in the voltage-gated sodium channel of the tomato leaf miner (<i>Tuta absoluta</i>). <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 506-513.	1.2	107
9	Cross-resistance relationships between neonicotinoids and pymetrozine in <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). <i>Pest Management Science</i> , 2010, 66, 1186-1190.	1.7	104
10	Inheritance of pyriproxyfen resistance in the whitefly, <i>Bemisia tabaci</i> (Q biotype). <i>Archives of Insect Biochemistry and Physiology</i> , 2003, 54, 177-186.	0.6	103
11	Cross-resistance relationships of the sulfoximine insecticide sulfoxaflor with neonicotinoids and other insecticides in the whiteflies <i>Bemisia tabaci</i> and <i>Trialeurodes vaporariorum</i> . <i>Pest Management Science</i> , 2013, 69, 809-813.	1.7	99
12	Pyrosequencing the transcriptome of the greenhouse whitefly, <i>Trialeurodes vaporariorum</i> reveals multiple transcripts encoding insecticide targets and detoxifying enzymes. <i>BMC Genomics</i> , 2011, 12, 56.	1.2	97
13	Report of resistance to the neonicotinoid insecticide imidacloprid in <i>Trialeurodes vaporariorum</i> (Hemiptera: Aleyrodidae). <i>Pest Management Science</i> , 2007, 63, 555-558.	1.7	96
14	Neonicotinoid resistance in rice brown planthopper, <i>Nilaparvata lugens</i> . <i>Pest Management Science</i> , 2008, 64, 1122-1125.	1.7	96
15	Field-evolved resistance to imidacloprid and ethiprole in populations of brown planthopper <i>Nilaparvata lugens</i> collected from across South and East Asia. <i>Pest Management Science</i> , 2016, 72, 140-149.	1.7	93
16	The biotype and insecticide-resistance status of whiteflies, <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae), invading cropping systems in Xinjiang Uygur Autonomous Region, northwestern China. <i>Crop Protection</i> , 2007, 26, 612-617.	1.0	88
17	The role of B-type esterases in conferring insecticide resistance in the tobacco whitefly, <i>Bemisia tabaci</i> (Genn). <i>Pest Management Science</i> , 2000, 56, 867-874.	1.7	68
18	Age-specific expression of a P450 monooxygenase (CYP6CM1) correlates with neonicotinoid resistance in <i>Bemisia tabaci</i> . <i>Pesticide Biochemistry and Physiology</i> , 2011, 101, 53-58.	1.6	66

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19	Resolution of baseline responses and documentation of resistance to buprofezin in <i>Bemisia tabaci</i> (Homoptera: Aleyrodidae). <i>Bulletin of Entomological Research</i> , 1996, 86, 117-122.	0.5	65
20	Insecticide resistance and biotype status of populations of the tobacco whitefly <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) from Turkey. <i>Crop Protection</i> , 2008, 27, 600-605.	1.0	65
21	Pest control and resistance management through release of insects carrying a male-selecting transgene. <i>BMC Biology</i> , 2015, 13, 49.	1.7	59
22	Age-specific expression of resistance to a neonicotinoid insecticide in the whitefly <i>Bemisia tabaci</i> . <i>Pest Management Science</i> , 2008, 64, 1106-1110.	1.7	58
23	Characterisation of Neonicotinoid and Pymetrozine Resistance in Strains of <i>Bemisia tabaci</i> (Hemiptera: Tj ETQq1 1,0,784314,rgBT /Ove	1.7	58
24	Incidence and characterisation of resistance to neonicotinoid insecticides and pymetrozine in the greenhouse whitefly, <i>Trialeurodes vaporariorum</i> Westwood (Hemiptera: Aleyrodidae). <i>Pest Management Science</i> , 2010, 66, 1304-1307.	1.7	56
25	Over-Expression of a Cytochrome P450 Is Associated with Resistance to Pyriproxyfen in the Greenhouse Whitefly <i>Trialeurodes vaporariorum</i> . <i>PLoS ONE</i> , 2012, 7, e31077.	1.1	54
26	Short-term suppression of <i>Aedes aegypti</i> using genetic control does not facilitate <i>Aedes albopictus</i> . <i>Pest Management Science</i> , 2016, 72, 618-628.	1.7	49
27	Pyrethroid resistance in the tomato red spider mite, <i>Tetranychus evansi</i> , is associated with mutation of the <i>para</i> type sodium channel. <i>Pest Management Science</i> , 2011, 67, 891-897.	1.7	47
28	Resistance to spiromesifen in <i>Trialeurodes vaporariorum</i> is associated with a single amino acid replacement in its target enzyme acetyl-coenzyme A carboxylase. <i>Insect Molecular Biology</i> , 2012, 21, 327-334.	1.0	40
29	Mutations in the sodium channel associated with pyrethroid resistance in the greenhouse whitefly, <i>Trialeurodes vaporariorum</i> . <i>Pest Management Science</i> , 2012, 68, 834-838.	1.7	35
30	Relationship between bioassay data and the simulated field performance of insecticides against susceptible and resistant adult <i>Bemisia tabaci</i> (Homoptera: Aleyrodidae). <i>Bulletin of Entomological Research</i> , 1996, 86, 109-116.	0.5	34
31	Temporal synergism by microencapsulation of piperonyl butoxide and \pm -cypermethrin overcomes insecticide resistance in crop pests. <i>Pest Management Science</i> , 2007, 63, 276-281.	1.7	34
32	High-throughput allelic discrimination of B and Q biotypes of the whitefly, <i>Bemisia tabaci</i> , using TaqMan allele-selective PCR. <i>Pest Management Science</i> , 2008, 64, 12-15.	1.7	34
33	Chlorpyrifos resistance is associated with mutation and amplification of the acetylcholinesterase-1 gene in the tomato red spider mite, <i>Tetranychus evansi</i> . <i>Pesticide Biochemistry and Physiology</i> , 2012, 104, 143-149.	1.6	28
34	English field samples of <i>Thrips tabaci</i> show strong and ubiquitous resistance to deltamethrin. <i>Pest Management Science</i> , 2010, 66, 861-864.	1.7	21
35	Mating competitiveness and life-table comparisons between transgenic and Indian wild-type <i>Aedes aegypti</i> L.. <i>Pest Management Science</i> , 2015, 71, 957-965.	1.7	21
36	Analyzing haplodiploid inheritance of insecticide resistance in whitefly biotypes. <i>Bulletin of Entomological Research</i> , 2009, 99, 307-315.	0.5	16

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37	Self-Limiting OX513A <i>Aedes aegypti</i> Demonstrate Full Susceptibility to Currently Used Insecticidal Chemistries as Compared to Indian Wild-Type <i>Aedes aegypti</i> . <i>Psyche: Journal of Entomology</i> , 2018, 2018, 1-7.	0.4	8
38	Elimination of a closed population of the yellow fever mosquito, <i>Aedes aegypti</i> , through releases of self-limiting male mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010315.	1.3	3
39	Editorial - Resistance 2011. <i>Pest Management Science</i> , 2013, 69, 149-149.	1.7	1