

# Mark M Stevens

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

890  
citations

535685

17  
h-index

620720

26  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1051  
citing authors

| #  | ARTICLE   | IF       | CITATIONS |
|----|---|----------|-----------|
| 1  | Topical and dietary toxicity of emamectin benzoate, chlorantraniliprole, cyantraniliprole and indoxacarb to larvae of the common armyworm <i>Mythimna convecta</i> (Lepidoptera: Tortricidae). <i>Tropical Entomology and Applied Biology</i> , 2022, 82, 520.          | 0.784314 | 5         |
| 2  | Fitness of <i>Isidorella newcombi</i> Following Multi-generational Cu Exposures: Mortality, Cellular Biomarkers and Life History Responses. <i>Archives of Environmental Contamination and Toxicology</i> , 2022, 82, 520.  | 2.1      | 0         |
| 3  | Compatibility of <i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> with insecticides and fungicides used in macadamia production in Australia. <i>Pest Management Science</i> , 2021, 77, 709-718.  | 1.7      | 19        |
| 4  | Transmission of <i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> to adults of <i>Kuschelorhynchus macadamiae</i> (Coleoptera: Curculionidae) from infected adults and conidiated cadavers. <i>Scientific Reports</i> , 2021, 11, 2188.                       | 1.6      | 10        |
| 5  | Interactions of fungal entomopathogens with synthetic insecticides for the control of <i>Kuschelorhynchus macadamiae</i> (Coleoptera: Curculionidae). <i>Journal of Applied Entomology</i> , 2021, 145, 553-566.  | 0.8      | 3         |
| 6  | A degree-day model for predicting adult emergence of the citrus gall wasp, <i>Bruchophagus fellis</i> (Hymenoptera: Eurytomidae), in southern Australia. <i>Crop Protection</i> , 2021, 143, 105553.  | 1.0      | 3         |
| 7  | Evaluation of brown sugar flotation for detecting Queensland and Mediterranean fruit fly (Diptera: Tephritidae). <i>Tropical Entomology and Applied Biology</i> , 2021, 83, 107437.   | 1.0      | 2         |
| 8  | Integration of Entomopathogenic Fungi into IPM Programs: Studies Involving Weevils (Coleoptera: Curculionidae). <i>Tropical Entomology and Applied Biology</i> , 2021, 83, 107437.  | 1.0      | 11        |
| 9  | Response of the macadamia seed weevil <i>Kuschelorhynchus macadamiae</i> (Coleoptera: Curculionidae) to <i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> in laboratory bioassays. <i>Journal of Invertebrate Pathology</i> , 2020, 174, 107437.              | 1.5      | 13        |
| 10 | The Response of the Planorbid Snail <i>Isidorella newcombi</i> to Chronic Copper Exposure Over a 28-Day Period: Linking Mortality, Cellular Biomarkers, and Reproductive Responses. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 391-405.  | 2.1      | 1         |
| 11 | Effects of simulated seedling defoliation on growth and yield of cotton in southern New South Wales. <i>Crop and Pasture Science</i> , 2018, 69, 915.   | 0.7      | 3         |
| 12 | The response of <i>Isidorella newcombi</i> to copper exposure: Using an integrated biological framework to interpret transcriptomic responses from RNA-seq analysis. <i>Aquatic Toxicology</i> , 2017, 185, 183-192.  | 1.9      | 8         |
| 13 | Attraction of <i>Parastethorus nigripes</i> and other insect species to methyl salicylate and (Z)-3-hexenyl acetate dispensers in a citrus grove and vineyard in south-eastern Australia. <i>Phytoparasitica</i> , 2017, 45, 639-649.                                   | 0.6      | 6         |
| 14 | Chronic effects and horizontal transmission of <i>Metarhizium anisopliae</i> strain QS155 infection in the sweet potato weevil, <i>Cylas formicarius</i> (Coleoptera: Brentidae). <i>Biological Control</i> , 2017, 114, 24-29.   | 1.4      | 4         |
| 15 | Sweetpotato weevil, <i>Cylas formicarius</i> (Fab.) (Coleoptera: Brentidae) avoids its host plant when a virulent <i>Metarhizium anisopliae</i> isolate is present. <i>Journal of Invertebrate Pathology</i> , 2017, 148, 67-72.  | 1.5      | 9         |
| 16 | Evaluation of potential biocides for control of the earthworm <i>Eukerria saltensis</i> (Oligochaeta: Eukerriidae). <i>Tropical Entomology and Applied Biology</i> , 2021, 83, 107437.  | 1.0      | 3         |
| 17 | Screening of tropical isolates of <i>Metarhizium anisopliae</i> (Hypocreales: Clavicipitaceae) for virulence to the sweet potato weevil, <i>Cylas formicarius</i> (Coleoptera: Brentidae). <i>International Journal of Tropical Insect Science</i> , 2015, 35, 153-163. | 0.4      | 16        |
| 18 | Emergence patterns of adult citrus gall wasp, <i>Bruchophagus fellis</i> (Hymenoptera: Eurytomidae), and its key parasitoids in southern Australia. <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 311-317.  | 0.4      | 2         |

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|----|--|-----|-----------|
| 19 | Simultaneous determination of niclosamide and its degradates in water by LC-MS/MS. <i>Analytical Methods</i> , 2014, 6, 6871-6877.   | 1.3 | 17        |
| 20 | Pest behaviour insights from quarantine surveillance of male Queensland fruit fly, <i>Bactrocera tryoni</i> (Froggatt) (Diptera: Tephritidae). <i>Crop Protection</i> , 2014, 62, 55-63.   | 1.0 | 1         |
| 21 | Efficacy and environmental fate of copper sulphate applied to Australian rice fields for control of the aquatic snail <i>Isidorella newcombi</i> . <i>Crop Protection</i> , 2014, 63, 48-56.   | 1.0 | 7         |
| 22 | The ecological effects of a herbicide-insecticide mixture on an experimental freshwater ecosystem. <i>Environmental Pollution</i> , 2013, 172, 264-274.  | 3.7 | 49        |
| 23 | Evaluation of a commercial <i>Bacillus thuringiensis</i> var. <i>israelensis</i> formulation for the control of chironomid midge larvae (Diptera: Chironomidae) in establishing rice crops in south-eastern Australia. <i>Journal of Invertebrate Pathology</i> , 2013, 112, 9-15. | 1.5 | 9         |
| 24 | Vertical and horizontal movements of Fuller's rose weevil (Coleoptera: Curculionidae) in Australian citrus groves. <i>Entomological Science</i> , 2013, 16, 26-33.   | 0.3 | 1         |
| 25 | The acute toxicity of fipronil to two non-target invertebrates associated with mosquito breeding sites in Australia. <i>Acta Tropica</i> , 2011, 117, 125-130.   | 0.9 | 17        |
| 26 | Maintaining DNA quality in stored-grain beetles caught in Lindgren funnel traps. <i>Journal of Stored Products Research</i> , 2011, 47, 69-75.   | 1.2 | 10        |
| 27 | Developmental toxicity of two common corn pesticides to the endangered southern bell frog ( <i>Litoria tjatej</i> ). <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1431-1441.  | 3.7 | 14        |
| 28 | Influence of riparian condition on aquatic macroinvertebrate communities in an agricultural catchment in south-eastern Australia. <i>Ecological Research</i> , 2011, 26, 123-131.  | 0.7 | 34        |
| 29 | Toxicity of the Insecticide Terbufos, its Oxidation Metabolites, and the Herbicide Atrazine in Binary Mixtures to <i>Ceriodaphnia dubia</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 60, 417-425.   | 2.1 | 18        |
| 30 | A low concentration of atrazine does not influence the acute toxicity of the insecticide terbufos or its breakdown products to <i>Chironomus tepperi</i> . <i>Ecotoxicology</i> , 2010, 19, 1536-1544.   | 1.1 | 8         |
| 31 | Effects of different management regimes on aquatic macroinvertebrate diversity in Australian rice fields. <i>Ecological Research</i> , 2008, 23, 565-572.  | 0.7 | 54        |
| 32 | Influence of imidacloprid seed treatments on rice germination and early seedling growth. <i>Pest Management Science</i> , 2008, 64, 215-222.   | 1.7 | 37        |
| 33 | Ground cover management does not influence densities of key <i>Iridomyrmex</i> species (Hym., Formicidae) in Australian citrus groves. <i>Journal of Applied Entomology</i> , 2007, 131, 532-536.  | 0.8 | 1         |
| 34 | Larval Chironomid Communities (Diptera: Chironomidae) Associated with Establishing Rice Crops in southern New South Wales, Australia. <i>Hydrobiologia</i> , 2006, 556, 317-325.   | 1.0 | 18        |
| 35 | Stable isotope analysis of aquatic invertebrate communities in irrigated rice fields cultivated under different management regimes. <i>Aquatic Ecology</i> , 2005, 39, 189-200.  | 0.7 | 20        |
| 36 | TOXICITY OF <i>BACILLUS THURINGIENSIS</i> VAR. <i>ISRAELENIS</i> FORMULATIONS, SPINOSAD, AND SELECTED SYNTHETIC INSECTICIDES TO <i>CHIRONOMUS TEPPERI</i> LARVAE. <i>Journal of the American Mosquito Control Association</i> , 2005, 21, 446-450.                                 | 0.2 | 19        |

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|----|---|-----|-----------|
| 37 | Response of larval <i>Chironomus tepperi</i> (Diptera: Chironomidae) to individual <i>Bacillus thuringiensis</i> var. <i>israelensis</i> toxins and toxin mixtures. <i>Journal of Invertebrate Pathology</i> , 2005, 88, 34-39.   | 1.5 | 37        |
| 38 | Factors affecting the toxicity of <i>Bacillus thuringiensis</i> var. <i>israelensis</i> and <i>Bacillus sphaericus</i> to fourth instar larvae of <i>Chironomus tepperi</i> (Diptera: Chironomidae). <i>Journal of Invertebrate Pathology</i> , 2004, 86, 104-110.                            | 1.5 | 23        |
| 39 | Oviposition response of <i>Chironomus tepperi</i> to nitrogenous compounds and bioextracts in two-choice laboratory tests. <i>Journal of Chemical Ecology</i> , 2003, 29, 911-920.  | 0.9 | 12        |
| 40 | Attractiveness of bait matrices and matrix/toxicant combinations to the citrus pests <i>Iridomyrmex purpureus</i> (F.Smith) and <i>Iridomyrmex rufoniger</i> gp sp. (Hym., Formicidae). <i>Journal of Applied Entomology</i> , 2002, 126, 490-496.  | 0.8 | 9         |
| 41 | Planorbidae and Lymnaeidae as pests of rice, with particular reference to <i>Isidorella newcombi</i> (Adams) Tj ETQq1 1 0.784314 rgBT /Overlock   |     |           |
| 42 | Comparison of two bioassay techniques for assessing the acute toxicity of pesticides to chironomid larvae (Diptera: Chironomidae). <i>Journal of the American Mosquito Control Association</i> , 2002, 18, 119-25.  | 0.2 | 5         |
| 43 | Laboratory and field studies on the effect of molinate, clomazone, and thiobencarb on nontarget aquatic invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 2229-2236.   | 2.2 | 20        |
| 44 | Acute and Chronic Toxicity of the Herbicide Benzofenap (Taipan 300) to <i>Chironomus tepperi</i> Skuse (Diptera: Chironomidae) and <i>Isidorella newcombi</i> (Adams and Angas) (Gastropoda: Planorbidae). <i>Archives of Environmental Contamination and Toxicology</i> , 2000, 38, 176-181. | 2.1 | 6         |
| 45 | Laboratory studies on the influence of the earthworm <i>Eukerria saltensis</i> (Beddard) (Oligochaeta:) Tj ETQq1 1 0.784314 rgBT /Overlock<br>Pest Management, 2000, 46, 303-310.   | 0.9 | 15        |
| 46 | Efficacy and environmental fate of alphacypermethrin applied to rice fields for the control of chironomid midge larvae (Diptera: Chironomidae). <i>Field Crops Research</i> , 2000, 67, 263-272.  | 2.3 | 11        |
| 47 | An image analysis technique for assessing resistance in rice cultivars to root-feeding chironomid midge larvae (Diptera: Chironomidae). <i>Field Crops Research</i> , 2000, 66, 25-36.  | 2.3 | 13        |
| 48 | Effect of fipronil seed treatments on the germination and early growth of rice. <i>Pest Management Science</i> , 1999, 55, 517-523.   | 0.7 | 5         |
| 49 | Ant Foraging Reduces the Abundance of Beneficial and Incidental Arthropods in Citrus Canopies. <i>Biological Control</i> , 1999, 14, 121-126.   | 1.4 | 57        |
| 50 | Fipronil seed treatments for the control of chironomid larvae (Diptera: Chironomidae) in aerially-sown rice crops. <i>Field Crops Research</i> , 1998, 57, 195-207.   | 2.3 | 48        |
| 51 | Development and Survival of <i>Chironomus tepperi</i> Skuse (Diptera: Chironomidae) at a Range of Constant Temperatures. <i>Aquatic Insects</i> , 1998, 20, 181-188.  | 0.6 | 42        |
| 52 | Prolonged exclusion of foraging ants (Hymenoptera: Formicidae) from citrus trees using controlled-release chlorpyrifos trunk bands. <i>International Journal of Pest Management</i> , 1998, 44, 65-69.  | 0.9 | 12        |
| 53 | Seasonal variations in foraging by ants (Hymenoptera : Formicidae) in two New South Wales citrus orchards. <i>Australian Journal of Experimental Agriculture</i> , 1998, 38, 889.   | 1.0 | 7         |
| 54 | The impact of foraging ants on populations of <i>Coccus hesperidum</i> L. (Hem., Coccidae) and <i>Aonidiella aurantii</i> (Maskell) (Hem., Diaspididae) in an Australian citrus grove. <i>Journal of Applied Entomology</i> , 1997, 121, 257-259.   | 0.8 | 26        |

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|----|--|-----|-----------|
| 55 | Comparison of Solid and EC Chlorpyrifos Formulations for the Control of Chironomid Larvae (Diptera: Chironomidae) in Establishing Rice Crops. Australian Journal of Entomology, 1996, 35, 331-336.                                     | 1.1 | 1         |
| 56 | Microcosm assessment of potential molluscicides for control of the rice snail <i>Isidorella newcombi</i> sens. lat. (Gastropoda: Basommatophora: Planorbidae). Australian Journal of Agricultural Research, 1996, 47, 673.             | 1.5 | 4         |
| 57 | Efficacy of malathion seed treatments for chironomid control in aerially sown rice crops. International Journal of Pest Management, 1995, 41, 157-160.   | 0.9 | 2         |
| 58 | Evaluation of cypermethrin-treated proprietary trunk barriers for the exclusion of <i>Idomyia</i> spp. (Hymenoptera: Formicidae) from young citrus trees. International Journal of Pest Management, 1995, 41, 22-26.                   | 0.9 | 7         |
| 59 | Taxonomy, cladistics and biogeography of the Australian genus <i>Putoniessa</i> Kirkaldy (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 1  | 0.5 | 1         |
| 60 | Field evaluation of plaster-based temephos pellets for residual control of midge larvae (Diptera: Tj ETQq0 0 0 rgBT /Overlock 2 Tf 50 5  | 1.0 | 2         |
| 61 | Emergence phenology of <i>Chironomus tepperi</i> Skuse and <i>Procladius paludicola</i> Skuse (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10  | 1.0 | 12        |
| 62 | Larval Development in <i>Chironomus tepperi</i> (Diptera: Chironomidae) Under Laboratory Conditions. Environmental Entomology, 1993, 22, 776-780.  | 0.7 | 11        |
| 63 | Insecticide Treatments Used Against a Rice Bloodworm, <i>Chironomus tepperi</i> (Diptera: Chironomidae): Suppression of Larval Populations. Journal of Economic Entomology, 1992, 85, 1606-1613.                                       | 0.8 | 12        |
| 64 | STENOMESIUS JAPONICUS (ASHMEAD) (HYMENOPTERA: EULOPHIDAE), A PARASITOID OF THE INTRODUCED BIOLOGICAL CONTROL AGENT DIALECTICA SCALARIELLA (ZELLER) (LEPIDOPTERA: GRACILLARIIDAE). Australian Journal of Entomology, 1992, 31, 233-234. | 1.1 | 3         |
| 65 | TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES TO FOURTH-INSTAR LARVAE OF CHIRONOMUS TEPPERI SKUSE (DIPTERA: CHIRONOMIDAE). Australian Journal of Entomology, 1992, 31, 335-337.  | 1.1 | 18        |
| 66 | Insecticide Treatments Used Against a Rice Bloodworm, <i>Chironomus tepperi</i> (Diptera: Chironomidae): Toxicity and Residual Effects in Water. Journal of Economic Entomology, 1991, 84, 795-800.                                    | 0.8 | 11        |
| 67 | Revision of the genus <i>Alseis</i> Kirkaldy (Homoptera: Cicadelloidea: Cicadellidae), with descriptions of six new species. Invertebrate Systematics, 1991, 5, 43.  | 0.5 | 0         |
| 68 | Revision of the genus <i>Mitelloides</i> Evans, with two new species from northern Australia (Homoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5   | 0.2 | 0         |
| 69 | A revision of the genus <i>Epipsychidion</i> Kirkaldy (Homoptera: Cicadelloidea: Cicadellidae). Invertebrate Systematics, 1990, 4, 655.  | 0.5 | 0         |
| 70 | KEY TO THE SUBFAMILIES AND TRIBES OF AUSTRALIAN CICADELLIDAE (HEMIPTERA: HOMOPTERA). Australian Journal of Entomology, 1988, 27, 61-67.  | 1.1 | 3         |
| 71 | A MOTORIZED ROTARY STAGE FOR SCANNING ELECTRON MICROSCOPY: USEFUL FOR THE EXAMINATION OF INSECTS. Australian Journal of Entomology, 1987, 26, 65-66.   | 1.1 | 0         |