Kevin D Floate

List of Publications by Year
in descending order

107	3,505	147801	168389
papers	citations	31 h-index	53 g-index

107	107	107	2615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review on the Toxicity and Non-Target Effects of Macrocyclic Lactones in Terrestrial and Aquatic Environments. Current Pharmaceutical Biotechnology, 2012, 13, 1004-1060.	1.6	260
2	FECAL RESIDUES OF VETERINARY PARASITICIDES: Nontarget Effects in the Pasture Environment. Annual Review of Entomology, 2005, 50, 153-179.	11.8	220
3	PLANT GENETIC DETERMINANTS OF ARTHROPOD COMMUNITY STRUCTURE AND DIVERSITY. Evolution; International Journal of Organic Evolution, 2005, 59, 61-69.	2.3	173
4	PLANT HYBRID ZONES AFFECT BIODIVERSITY: TOOLS FOR A GENETIC-BASED UNDERSTANDING OF COMMUNITY STRUCTURE. Ecology, 1999, 80, 416-428.	3.2	157
5	The "Hybrid Bridge" Hypothesis: Host Shifting via Plant Hybrid Swarms. American Naturalist, 1993, 141, 651-662.	2.1	134
6	Elevated Herbivory in Plant Hybrid Zones: Chrysomela Confluens, Populus and Phenological Sinks. Ecology, 1993, 74, 2056-2065.	3.2	97
7	Male Development Time Influences the Strength of Wolbachia-Induced Cytoplasmic Incompatibility Expression inDrosophila melanogaster. Genetics, 2007, 177, 801-808.	2.9	96
8	Off-target effects of ivermectin on insects and on dung degradation in southern Alberta, Canada. Bulletin of Entomological Research, 1998, 88, 25-35.	1.0	84
9	Positive interactions between leafrollers and other arthropods enhance biodiversity on hybrid cottonwoods. Oecologia, 2000, 123, 82-89.	2.0	82
10	Overview and relevance ofWolbachiabacteria in biocontrol research. Biocontrol Science and Technology, 2006, 16, 767-788.	1.3	82
11	Insects as traits in plant systematics: their use in discriminating between hybrid cottonwoods. Canadian Journal of Botany, 1995, 73, 1-13.	1.1	67
12	FLIES UNDER STRESS: A TEST OF FLUCTUATING ASYMMETRY AS A BIOMONITOR OF ENVIRONMENTAL QUALITY. , 2000, 10, 1541-1550.		66
13	Distinguishing intrapopulational categories of plants by their insect faunas: galls on rabbitbrush. Oecologia, 1996, 105, 221-229.	2.0	63
14	Aphid-ant interaction reduces chrysomelid herbivory in a cottonwood hybrid zone. Oecologia, 1994, 97, 215-221.	2.0	62
15	Bud phenology and growth are subject to divergent selection across a latitudinal gradient in Populus angustifolia and impact adaptation across the distributional range and associated arthropods. Ecology and Evolution, 2016, 6, 4565-4581.	1.9	61
16	On the ubiquity and phylogeny of Wolbachia in lice. Molecular Ecology, 2004, 14, 285-294.	3.9	57
17	Extent and patterns of hybridization among the three species ofPopulusthat constitute the riparian forest of southern Alberta, Canada. Canadian Journal of Botany, 2004, 82, 253-264.	1.1	55
18	Review of treatment methods to remove Wolbachia bacteria from arthropods. Symbiosis, 2014, 62, 1-15.	2.3	54

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19	A review of diapause and tolerance to extreme temperatures in dermestids (Coleoptera). Journal of Stored Products Research, 2016, 68, 50-62.	2.6	53
20	HYMENOPTEROUS PARASITOIDS OF FILTH FLY (DIPTERA: MUSCIDAE) PUPAE IN CATTLE FEEDLOTS. Canadian Entomologist, 1999, 131, 347-362.	0.8	49
21	Larvicidal activity of endectocides against pest flies in the dung of treated cattle. Medical and Veterinary Entomology, 2001, 15, 117-120.	1.5	49
22	Reductions of non-pest insects in dung of cattle treated with endectocides: a comparison of four products. Bulletin of Entomological Research, 2002, 92, 471-481.	1.0	47
23	Endectocide residues affect insect attraction to dung from treated cattle: implications for toxicity tests. Medical and Veterinary Entomology, 2007, 21, 312-322.	1.5	45
24	Effects of acclimation and diapause on the cold tolerance of <scp>T</scp>rogoderma granarium. Entomologia Experimentalis Et Applicata, 2017, 165, 169-178.	1.4	45
25	Endectocide use in cattle and fecal residues: environmental effects in Canada. Canadian Journal of Veterinary Research, 2006, 70, 1-10.	1.1	43
26	Field Bioassay to Evaluate Contact and Residual Toxicities of Insecticides to Carabid Beetles (Coleoptera: Carabidae). Journal of Economic Entomology, 1989, 82, 1543-1547.	1.8	42
27	Carabid Predators of the Wheat Midge (Diptera: Cecidomyiidae) in Saskatchewan. Environmental Entomology, 1990, 19, 1503-1511.	1.4	41
28	Lethal and sublethal toxic effects of a test chemical (ivermectin) on the yellow dung fly (Scathophaga stercoraria) based on a standardized international ring test. Environmental Toxicology and Chemistry, 2009, 28, 2117-2124.	4.3	41
29	Analysis and dissipation of the antiparasitic agent ivermectin in cattle dung under different field conditions. Environmental Toxicology and Chemistry, 2016, 35, 1924-1933.	4.3	38
30	SEASONAL ACTIVITY OF DUNG BEETLES (COLEOPTERA: SCARABAEIDAE) ASSOCIATED WITH CATTLE DUNG IN SOUTHERN ALBERTA AND THEIR GEOGRAPHIC DISTRIBUTION IN CANADA. Canadian Entomologist, 1998, 130, 131-151.	0.8	37
31	A Review of the Natural History and Laboratory Culture Methods for the Yellow Dung Fly,Scathophaga stercoraria. Journal of Insect Science, 2010, 10, 1-17.	1.5	36
32	Does a repellent effect contribute to reduced levels of insect activity in dung from cattle treated with ivermectin?. Bulletin of Entomological Research, 1998, 88, 291-297.	1.0	35
33	Cottonwood Hybrid Zones as Centres of Abundance for Gall Aphids in Western North America: Importance of Relative Habitat Size. Journal of Animal Ecology, 1997, 66, 179.	2.8	32
34	The host range of the male-killing symbiont Arsenophonus nasoniae in filth fly parasitioids. Journal of Invertebrate Pathology, 2011, 106, 371-379.	3.2	32
35	Dispersal of the Filth Fly Parasitoid Muscidifurax raptorellus (Hymenoptera: Pteromalidae) Following Mass Releases in Cattle Confinements. Biological Control, 2000, 18, 172-178.	3.0	29
36	Testing the â€˜Hybrid Susceptibilityâ€™ and â€˜Phenological Sinkâ€™ Hypotheses Using the P. balsamifera â€“ P. deltoides Hybrid Zone and Septoria Leaf Spot [Septoria musiva]. PLoS ONE, 2013, 8, e84437.	2.5	29

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37	Effects of ivermectin application on the diversity and function of dung and soil fauna: Regulatory and scientific background information. Environmental Toxicology and Chemistry, 2016, 35, 1914-1923.	4.3	29
38	Geographical barriers and climate influence demographic history in narrowleaf cottonwoods. Heredity, 2015, 114, 387-396.	2.6	27
39	Nontarget effects of ivermectin residues on earthworms and springtails dwelling beneath dung of treated cattle in four countries. Environmental Toxicology and Chemistry, 2016, 35, 1959-1969.	4.3	27
40	Elimination ofWolbachiafromUrolepis rufipes(Hymenoptera: Pteromalidae) with Heat and Antibiotic Treatments: Implications for Host Reproduction. Biocontrol Science and Technology, 2003, 13, 341-354.	1.3	25
41	Filth fly parasitoids on dairy farms in Ontario and Quebec, Canada. Canadian Entomologist, 2004, 136, 407-417.	0.8	25
42	Validation of a standard field test method in four countries to assess the toxicity of residues in dung of cattle treated with veterinary medical products. Environmental Toxicology and Chemistry, 2016, 35, 1934-1946.	4.3	25
43	How to test nontarget effects of veterinary pharmaceutical residues in livestock dung in the field. Integrated Environmental Assessment and Management, 2011, 7, 287-296.	2.9	24
44	Production of Filth Fly Parasitoids (Hymenoptera: Pteromalidae) on Fresh and on Freeze-killed and Stored House Fly Pupae. Biocontrol Science and Technology, 2002, 12, 595-603.	1.3	23
45	Intersectional cottonwood hybrids are particularly susceptible to the poplar bud gall mite. Canadian Journal of Botany, 1997, 75, 1349-1355.	1.1	22
46	A Review of the McMorran Diet for Rearing Lepidoptera Species With Addition of a Further 39 Species. Journal of Insect Science, 2016, 16, 19.	1.5	22
47	Wolbachia in wasps parasitic on filth flies with emphasis on Spalangia cameroni. Entomologia Experimentalis Et Applicata, 2006, 121, 123-135.	1.4	21
48	Diversity and Seasonal Phenology of Coprophagous Beetles at Lake City, Michigan, USA, with a New State Record forOnthophagus taurus(Schreber) (Coleoptera: Scarabaeidae). The Coleopterists Bulletin, 2012, 66, 169-172.	0.2	21
49	Plantâ€“herbivore interactions in a trispecific hybrid swarm of Populus: assessing support for hypotheses of hybrid bridges, evolutionary novelty and genetic similarity. New Phytologist, 2016, 209, 832-844.	7.3	21
50	Influence of Intercropping Canola or Pea with Barley on Assemblages of Ground Beetles (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	20
51	Response of Ground Beetle (Coleoptera: Carabidae) Field Populations to Four Years of Lepidoptera-Specific <I>Bt</I> Corn Production. Environmental Entomology, 2007, 36, 1269-1274.	1.4	20
52	Does Doramectin Use on Cattle Indirectly Affect the Endangered Burrowing Owl. Rangeland Ecology and Management, 2008, 61, 543-553.	2.3	20
53	No support for fluctuating asymmetry as a biomarker of chemical residues in livestock dung. Canadian Entomologist, 2010, 142, 354-368.	0.8	20
54	Functional diversity and seasonal activity of dung beetles (Coleoptera: Scarabaeoidea) on native grasslands in southern Alberta, Canada. Canadian Entomologist, 2014, 146, 291-305.	0.8	19

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55	Prevalence and diversity of Wolbachia bacteria infecting insect pests ofÂstored products. Journal of Stored Products Research, 2015, 62, 93-100.	2.6	19
56	A fourâ€country ring test of nontarget effects of ivermectin residues on the function of coprophilous communities of arthropods in breaking down livestock dung. Environmental Toxicology and Chemistry, 2016, 35, 1953-1958.	4.3	19
57	Indirect effects of ivermectin residues across trophic levels:Musca domestica(Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Research, 1999, 89, 225-229.	1.0	18
58	Species ofTrichomalopsis(Hymenoptera: Pteromalidae) associated with filth flies (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	18
59	Implications of Endectocide Residues on the Survival of Aphodiine Dung Beetles: A Metaâ€Analysis. Environmental Toxicology and Chemistry, 2020, 39, 863-872.	4.3	18
60	Field trials of Trichomalopsis sarcophagae (Hymenoptera: Pteromalidae) in cattle feedlots: a potential biocontrol agent of filth flies (Diptera: Muscidae). Canadian Entomologist, 2003, 135, 599-608.	0.8	17
61	Wolbachia infection in Australasian and North American populations of Haematobia irritans (Diptera:) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	17
62	Effects of crop rotation and genetically modified herbicide-tolerant corn on ground beetle diversity, community structure, and activity density. Canadian Entomologist, 2010, 142, 143-159.	0.8	17
63	Global distribution patterns provide evidence of niche shift by the introduced African dung beetle Digitonthophagus gazella. Entomologia Experimentalis Et Applicata, 2020, 168, 766-782.	1.4	17
64	A Review of Dung Beetle Introductions in the Antipodes and North America: Status, Opportunities, and Challenges. Environmental Entomology, 2021, 50, 762-780.	1.4	17
65	AreAltica carduorumandAltica cirsicola(Coleoptera: Chrysomelidae) Different Species? Implications for the Release ofA. cirsicolafor the Biocontrol of Canada Thistle in Canada. Biological Control, 1996, 6, 306-314.	3.0	16
66	Developmental instability in a stem-mining sawfly: can fluctuating asymmetry detect plant host stress in a model system?. Oecologia, 2008, 156, 505-513.	2.0	16
67	Parasitization by Pteromalid Wasps (Hymenoptera) of Freeze-Killed House Fly (Diptera: Muscidae) Puparia at Varying Depths in Media. Journal of Economic Entomology, 2002, 95, 908-911.	1.8	15
68	Dung beetles (Coleoptera: Scarabaeidae) associated with cattle dung on native grasslands of southern Alberta, Canada. Canadian Entomologist, 2013, 145, 647-654.	0.8	15
69	Persistence of diet effects on the microbiota of Drosophila suzukii (Diptera: Drosophilidae). Canadian Entomologist, 2020, 152, 516-531.	0.8	15
70	Thin-layer chromatographic detection of ivermectin in cattle dung. Biomedical Applications, 1997, 694, 246-251.	1.7	14
71	PLANT GENETIC DETERMINANTS OF ARTHROPOD COMMUNITY STRUCTURE AND DIVERSITY. Evolution; International Journal of Organic Evolution, 2005, 59, 61.	2.3	14
72	Where went the dung-breeding insects of the American bison?. Canadian Entomologist, 2011, 143, 470-478.	0.8	14

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73	Eprinomectin from a sustained release formulation adversely affected dung breeding insects. PLoS ONE, 2018, 13, e0201074.	2.5	14
74	Winter survival of nuisance fly parasitoids (Hymenoptera: Pteromalidae) in Canada and Denmark. Bulletin of Entomological Research, 2004, 94, 331-340.	1.0	13
75	Bioclimatic analyses for the distributions ofOnthophagus nuchicornis,Onthophagus taurus, andDigitonthophagus gazella(Coleoptera: Scarabaeidae) in North America. Canadian Entomologist, 2017, 149, 504-524.	0.8	11
76	Contributions of diet quality and diapause duration to the termination of larval diapause in khapra beetle, Trogoderma granarium (Coleoptera: Dermestidae). Journal of Stored Products Research, 2020, 85, 101535.	2.6	11
77	Molecular evidence for sympatric taxa withinPemphigus betae(Hemiptera: Aphididae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	10
78	Measurement of Fluctuating Asymmetry in Insect Wings Using Image Analysis. Annals of the Entomological Society of America, 1996, 89, 398-404.	2.5	9
79	Degree-day models for development of the dung beetles Onthophagus nuchicornis, O. taurus, and Digitonthophagus gazella (Coleoptera: Scarabaeidae), and the likelihood of O. taurus establishment in southern Alberta, Canada. Canadian Entomologist, 2015, 147, 617-627.	0.8	9
80	Parasitization by Pteromalid Wasps (Hymenoptera) of Freeze-Killed House Fly (Diptera: Muscidae) Puparia at Varying Depths in Media. Journal of Economic Entomology, 2002, 95, 908-911.	1.8	9
81	MORPHOLOGICAL VERSUS GENETIC MARKERS IN CLASSIFYING HYBRID PLANTS. Evolution; International Journal of Organic Evolution, 1994, 48, 929-930.	2.3	8
82	An Updated Checklist of the Coleoptera Associated with Livestock Dung on Pastures in America North of Mexico. The Coleopterists Bulletin, 2019, 73, 655.	0.2	8
83	Morphological Versus Genetic Markers in Classifying Hybrid Plants. Evolution; International Journal of Organic Evolution, 1994, 48, 929.	2.3	7
84	Further Evidence for the Absence of Bacteria in Horsehair Worms (Nematomorpha: Gordiidae). Journal of Parasitology, 2009, 95, 1545-1547.	0.7	7
85	Control ofTrogoderma granarium(Coleoptera: Dermestidae) Using High Temperatures. Journal of Economic Entomology, 2019, 112, 963-968.	1.8	7
86	Hymenopterous parasitoids of house fly and stable fly puparia in Prince Edward Island and New Brunswick, Canada. Canadian Entomologist, 2007, 139, 748-750.	0.8	6
87	An update on the diversity ofWolbachiainSpalangiaspp. (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.3	6
88	A Test Using Wolbachia Bacteria to Identify Eurasian Source Populations of Cabbage Seedpod Weevil,Ceutorhynchus obstrictus(Marsham), in North America. Environmental Entomology, 2011, 40, 818-823.	1.4	6
89	Effects of Pitfall Trap Lid Transparency and Habitat Structure on the Catches of Carabid Beetles (Coleoptera: Carabidae) in Tame Pasture. Environmental Entomology, 2014, 43, 139-145.	1.4	6
90	First report ofCotesia vanessae(Hymenoptera: Braconidae) in North America. Canadian Entomologist, 2014, 146, 560-566.	0.8	6

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91	Effects of Tetracycline and Rifampicin Treatments on the Fecundity of theWolbachia-Infected Host,Tribolium confusum(Coleoptera: Tenebrionidae). Journal of Economic Entomology, 2016, 109, 1458-1464.	1.8	6
92	Hyperparasitism of an Avian Ectoparasitic Hippoboscid Fly,Ornithomya anchineuria, by the Mite,MyialgesCf.Borealis, in Alberta, Canada. Journal of Parasitology, 2018, 104, 111-116.	0.7	6
93	Spiroplasma dominates the microbiome of khapra beetle: comparison with a congener, effects of life stage and temperature. Symbiosis, 2018, 76, 277-291.	2.3	6
94	Siblicidal behaviour by larvae of the gregarious parasitoid Cotesia vanessae. Journal of Hymenoptera Research, 0, 67, 55-62.	0.8	5
95	Changes in the recovery of insects in pitfall traps associated with the age of cow dung bait fresh or frozen at the time of placement. Bulletin of Entomological Research, 2021, 111, 340-347.	1.0	5
96	â€˜Outbreaksâ€™ ofAmaraStephens (Coleoptera: Carabidae) in Alberta, Canada. The Coleopterists Bulletin, 2015, 69, 114-115.	0.2	3
97	Development of a multiplex polymerase chain reaction assay for the identification of common cutworm species (Lepidoptera: Noctuidae) infesting canola in western Canada. Canadian Entomologist, 2017, 149, 540-548.	0.8	3
98	Congratulations to The Canadian Entomologist on this, its sesquicentennial anniversary!. Canadian Entomologist, 2018, 150, 1-11.	0.8	3
99	Cross-tolerance to Desiccation and Cold in Khapra Beetle (Coleoptera: Dermestidae). Journal of Economic Entomology, 2020, 113, 695-699.	1.8	3
100	Diversity, rate, and distribution of wheat midge parasitism in the Peace River region of Alberta, Canada. Canadian Entomologist, 0, , 1-9.	0.8	3
101	Gall-inducing aphids and mites associated with the hybrid complex of cottonwoods, Populus spp. (Salicaceae) on Canada's grasslands. , 0, , 281-300.		3
102	Release and recapture of three insect species test the efficacy of trap method and air flow in insect containment. Canadian Entomologist, 2012, 144, 609-616.	0.8	2
103	Arthropods of Canadian grasslands: a retrospective of a 40-year project of the Biological Survey of Canada. Canadian Entomologist, 2017, 149, 702-717.	0.8	2
104	Haematobia irritans L., horn fly, Musca domestica L., house fly, and Stomoxys calcitrans (L.), stable fly (Diptera: Muscidae).. , 2013, , 182-191.		1
105	A global review of orange wheat blossom midge, Sitodiplosis mosellana (GÃ©hin) (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlo Entomologist, 2022, 154, .	0.8	1
106	Use of wet, air-dried, or oven-dried bulk mass to quantify insect numbers: an assessment using Chilothorax distinctus (MÃ¼ller) (Coleoptera: Scarabaeidae). Canadian Entomologist, 0, , 1-8.	0.8	0
107	Assessing the Effects of Veterinary Medicines on the Terrestrial Environment. , 2008, , 155-180.		0