

Marc De Meyer

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,523
citations

172457

29
h-index

206112

48
g-index

80
all docs

80
docs citations

80
times ranked

1975
citing authors

#	ARTICLE	IF	CITATIONS
1	Synonymization of key pest species within the <i>Bactrocera dorsalis</i> species complex (Diptera: Tephritidae): taxonomic changes based on a review of 20 years of integrative morphological, molecular, cytogenetic, behavioural and chemoecological data. <i>Systematic Entomology</i> , 2015, 40, 456-471.	3.9	175
2	Ecological niche and potential geographic distribution of the invasive fruit fly <i>Bactrocera invadens</i> (Diptera, Tephritidae). <i>Bulletin of Entomological Research</i> , 2010, 100, 35-48.	1.0	124
3	Taxonomy, Ecology, and Management of Native and Exotic Fruit Fly Species in Africa. <i>Annual Review of Entomology</i> , 2016, 61, 219-238.	11.8	120
4	Host range and distribution of fruit-infesting pestiferous fruit flies (Diptera, Tephritidae) in selected areas of Central Tanzania. <i>Bulletin of Entomological Research</i> , 2009, 99, 629-641.	1.0	112
5	Higher phylogeny of frugivorous flies (Diptera, Tephritidae, Dacini): Localised partition conflicts and a novel generic classification. <i>Molecular Phylogenetics and Evolution</i> , 2015, 85, 171-179.	2.7	104
6	Identifying Insects with Incomplete DNA Barcode Libraries, African Fruit Flies (Diptera: Tephritidae) as a Test Case. <i>PLoS ONE</i> , 2012, 7, e31581.	2.5	102
7	Geographic Distribution, Host Fruit, and Parasitoids of African Fruit Fly Pests <i>Ceratitis ananæ</i> , <i>Ceratitis cosyra</i> , <i>Ceratitis fasciventris</i> , and <i>Ceratitis rosa</i> (Diptera: Tephritidae) in Kenya. <i>Annals of the Entomological Society of America</i> , 2006, 99, 261-278.	2.5	89
8	Indigenous Hosts of <i>Ceratitis capitata</i> (Diptera: Tephritidae) in Kenya. <i>Annals of the Entomological Society of America</i> , 2002, 95, 672-694.	2.5	84
9	Biodiversity of fruit flies (Diptera, Tephritidae) in orchards in different agro-ecological zones of the Morogoro region, Tanzania. <i>Fruits</i> , 2006, 61, 321-332.	0.4	77
10	Monitoring arthropods in a tropical landscape: relative effects of sampling methods and habitat types on trap catches. <i>Journal of Insect Conservation</i> , 2009, 13, 103-118.	1.4	77
11	The potential distribution of <i>Bactrocera dorsalis</i> : considering phenology and irrigation patterns. <i>Bulletin of Entomological Research</i> , 2016, 106, 19-33.	1.0	76
12	Recovering full DNA barcodes from natural history collections of Tephritid fruitflies (Tephritidae). <i>Trends in Ecology and Evolution</i> , 2010, 25, 100-101.	4.8	72
13	Revision of the subgenus <i>Ceratitis</i> (<i>Ceratalaspis</i>) Hancock (Diptera: Tephritidae). <i>Bulletin of Entomological Research</i> , 1998, 88, 257-290.	1.0	67
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19	Detection of the solanum fruit fly, <i>Bactrocera latifrons</i> (Hendel) in Tanzania (Dipt., Tephritidae). <i>Journal of Applied Entomology</i> , 2007, 131, 501-503.	1.8	47
20	Molecular evaluation of nominal species in the <i>Ceratitis fasciventris</i> , <i>C. anonae</i> , <i>C. rosa</i> complex (Diptera: Tephritidae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 270-280.	2.7	45
21	Molecular diagnostics of economically important <i>Ceratitis</i> fruit fly species (Diptera: Tephritidae) in Africa using PCR and RFLP analyses. <i>Bulletin of Entomological Research</i> , 2006, 96, 505-21.	1.0	45
22	Molecular Identification of <i>Ceratitis capitata</i> (Diptera: Tephritidae) using DNA Sequences of the COI Barcode Region. <i>Annals of the Entomological Society of America</i> , 2012, 105, 339-350.	2.5	43
23	Cryptic diversity and gene flow among three African agricultural pests: <i>Ceratitis rosa</i> , <i>Ceratitis fasciventris</i> and <i>Ceratitis anonae</i> (Diptera: Tephritidae). <i>Molecular Ecology</i> , 2013, 22, 2526-2539.	3.9	41
24	Resolution of three cryptic agricultural pests (<i>Ceratitis fasciventris</i> , <i>C. anonae</i> , <i>C. rosa</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 2014, 104, 631-638.	1.0	39
25	Seasonal Abundance of Mango Fruit Flies (Diptera: Tephritidae) and Ecological Implications for Their Management in Mango and Cashew Orchards in Benin (Centre & North). <i>Journal of Economic Entomology</i> , 2015, 108, 2213-2230.	1.8	39
26	Impact of Sample Preservation and Manipulation on Insect Gut Microbiome Profiling. A Test Case With Fruit Flies (Diptera, Tephritidae). <i>Frontiers in Microbiology</i> , 2019, 10, 2833.	3.5	38
27	Efficacy of trapping systems for monitoring of Afrotropical fruit flies. <i>Journal of Applied Entomology</i> , 2017, 141, 825-840.	1.8	36
28	Generic classification of the family Pipunculidae (Diptera): a cladistic analysis. <i>Journal of Natural History</i> , 1992, 26, 637-658.	0.5	35
29	Phylogenetic relationships within the fruit fly genus <i>Ceratitis</i> MacLeay (Diptera: Tephritidae), derived from morphological and host plant evidence. <i>Insect Systematics and Evolution</i> , 2005, 36, 459-479.	0.7	32
30	Discrepancies between subgeneric classification and molecular phylogeny of <i>Ceratitis</i> (Diptera: Tephritidae) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 <i>Evolution</i> , 2011, 60, 259-264.	2.7	24
31	Integrative taxonomy versus taxonomic authority without peer review: the case of the Oriental fruit fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Systematic Entomology</i> , 2017, 42, 609-620.	3.9	24
32	Comparative Microbiomics of Tephritid Frugivorous Pests (Diptera: Tephritidae) From the Field: A Tale of High Variability Across and Within Species. <i>Frontiers in Microbiology</i> , 2020, 11, 1890.	3.5	24
33	Host Use of <i>Bactrocera latifrons</i> , a New Invasive Tephritid Species in Tanzania. <i>Journal of Economic Entomology</i> , 2010, 103, 70-76.	1.8	22
34	DNA Barcoding to Improve the Taxonomy of the Afrotropical Hoverflies (Insecta: Diptera: Syrphidae). <i>PLoS ONE</i> , 2015, 10, e0140264.	2.5	22
35	Revision of the fruit fly genus <i>Capparimyia</i> (Diptera, Tephritidae). <i>Zoologica Scripta</i> , 2005, 34, 279-303.	1.7	21
36	Field evaluation of the relative attractiveness of enriched ginger root oil (EGO) lure and trimedlure for African <i>Ceratitis</i> species (Diptera: Tephritidae) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57	1.0	20

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37	Population structure of the melon fly, <i>Bactrocera cucurbitae</i> , in Reunion Island. <i>Biological Invasions</i> , 2013, 15, 759-773.	2.4	20
38	Dominance of an invasive fruit fly species, <i>Bactrocera invadens</i> , along an altitudinal transect in Morogoro, Eastern Central Tanzania. <i>Bulletin of Entomological Research</i> , 2014, 104, 288-294.	1.0	19
39	Description of new <i>Ceratitis MacLeay</i> (Diptera, Tephritidae) species from Africa. <i>Journal of Natural History</i> , 2005, 39, 1283-1297.	0.5	17
40	The West-Palaeartic species of the pipunculid genera <i>Cephalops</i> and <i>Beckerias</i> (Diptera): classification, phylogeny and geographical distribution. <i>Journal of Natural History</i> , 1989, 23, 725-765.	0.5	14
41	Hybridization between two polyphagous fruit-fly species (Diptera: Tephritidae) causes sex-biased reduction in developmental stability. <i>Biological Journal of the Linnean Society</i> , 2008, 93, 579-588.	1.6	14
42	Isolation and characterisation of sixteen microsatellite markers cross-amplifying in a complex of three African agricultural pests (<i>Ceratitis rosa</i> , <i>C. anonae</i> and <i>C. fasciventris</i> , Diptera: Tephritidae). <i>Conservation Genetics Resources</i> , 2013, 5, 31-34.	0.8	14
43	Abondance des mouches des fruits dans les zones de production fruitières de Côte d'Ivoire: dynamique des populations de <i>Bactrocera invadens</i> (Diptera: Tephritidae). <i>Fruits</i> , 2009, 64, 313-324.	0.4	14
44	Isolation and characterization of microsatellite markers in the newly discovered invasive fruit fly pest in Africa, <i>Bactrocera invadens</i> (Diptera: Tephritidae). <i>Molecular Ecology Resources</i> , 2008, 8, 1509-1511.	4.8	13
45	Host plant toxicity affects developmental rates in a polyphagous fruit fly: experimental evidence. <i>Biological Journal of the Linnean Society</i> , 0, 97, 728-737.	1.6	13
46	Guiding farmers' choice for an integrated pest management program against the invasive <i>Bactrocera dorsalis</i> Hendel (Diptera: Tephritidae) in mango orchards in Tanzania. <i>Crop Protection</i> , 2015, 76, 103-107.	2.1	13
47	Taxonomic revision of the fruit fly genus <i>Perilampus</i> Bezzi (Diptera, Tephritidae). <i>Journal of Natural History</i> , 2009, 43, 2425-2463.	0.5	12
48	A quantitative comparison of frugivorous tephritids (Diptera: Tephritidae) in tropical forests and rural areas of the Democratic Republic of Congo. <i>Bulletin of Entomological Research</i> , 2011, 101, 591-597.	1.0	12
49	Worldwide Phylogeography of <i>Ceratitis capitata</i> (Diptera: Tephritidae) Using Mitochondrial DNA. <i>Journal of Economic Entomology</i> , 2020, 113, 1455-1470.	1.8	12
50	Design of an ecologically-based IPM program for fruit flies (Diptera: Tephritidae) in Tanzania. <i>Fruits</i> , 2009, 64, 83-90.	0.4	12
51	DNA identification of species of the <i>Anopheles maculipennis</i> complex and first record of <i>An. daciae</i> in Belgium. <i>Medical and Veterinary Entomology</i> , 2021, 35, 442-450.	1.5	11
52	Spatial and temporal abundance of the solanum fruit fly, <i>Bactrocera latifrons</i> (Hendel), in Morogoro, Tanzania. <i>Crop Protection</i> , 2010, 29, 454-461.	2.1	10
53	A second New World hoverfly, <i>Toxomerus floralis</i> (Fabricius) (Diptera: Syrphidae), recorded from the Old World, with description of larval pollen-feeding ecology. <i>Zootaxa</i> , 2015, 4044, 567.	0.5	10
54	Preference of <i>Zeugodacus cucurbitae</i> (Coquillett) for three commercial fruit vegetable hosts in natural and semi natural conditions. <i>Fruits</i> , 2015, 70, 333-339.	0.4	10

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55	Seasonal abundance of fruit flies (Diptera: Tephritidae) on mango orchard and its relation with biotic and abiotic factors in Manica Province, Mozambique. <i>Fruits</i> , 2018, 73, 218-227.	0.4	10
56	An integrated diagnostic setup for the morphological and molecular identification of the <i>Ceratitis</i> FAR complex (<i>C. anonae</i> , <i>C. fasciventris</i> , <i>C. rosa</i> , <i>C. quilicii</i> , Diptera,) <i>Trends in Ecology and Evolution</i> , 2019, 30, 101-109.	10.0	10
57	Exploring the bushmeat market in Brussels, Belgium: a clandestine luxury business. <i>Biodiversity and Conservation</i> , 2021, 30, 55-66.	2.6	8
58	Systematic revision of the fruit fly genus <i>Carpophthoromyia</i> Austen (Diptera, Tephritidae). <i>Zootaxa</i> , 2006, 1235, 1.	0.5	8
59	Isolation and characterisation of sixteen microsatellite markers amplifying an African agricultural pest, <i>Ceratitis cosyra</i> (Walker) (Diptera: Tephritidae). <i>Conservation Genetics Resources</i> , 2014, 6, 9-11.	0.8	7
60	Using next-generation sequencing to improve DNA barcoding: lessons from a small-scale study of wild bee species (Hymenoptera, Halictidae). <i>Apidologie</i> , 2018, 49, 671-685.	2.0	7
61	Phylogenomic resolution of the <i>Ceratitis</i> FARQ complex (Diptera: Tephritidae). <i>Molecular Phylogenetics and Evolution</i> , 2021, 161, 107160.	2.7	6
62	CLADISTIC AND BIOGEOGRAPHIC ANALYSES OF HAWAIIAN PIPUNCULIDAE (DIPTERA) REVISITED. <i>Cladistics</i> , 1996, 12, 291-303.	3.3	5
63	Faunal turnover of arthropod assemblages along a wide gradient of disturbance in Gabon. <i>African Entomology</i> , 2008, 16, 47-59.	0.6	5
64	Effective chemical control of fruit flies (Diptera: Tephritidae) pests in mango orchards in northern Côte-d'Ivoire. <i>International Journal of Biological and Chemical Sciences</i> , 2015, 9, 1299.	0.2	5
65	The complex case of <i>Ceratitis cosyra</i> (Diptera: Tephritidae) and relatives. A DNA barcoding perspective. <i>Journal of Applied Entomology</i> , 2017, 141, 788-797.	1.8	4
66	Sensitivity of an enriched ginger oil based trapping system for <i>Ceratitis</i> fruit fly pests (Diptera:) <i>Trends in Ecology and Evolution</i> , 2019, 30, 101-109.	10.0	4
67	Fine-scale infestation pattern of <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) in a mango orchard in Central Mozambique. <i>International Journal of Tropical Insect Science</i> , 2020, 40, 943-950.	1.0	4
68	Taxonomic revision of the Afrotropical <i>Phytomyia Guerin-Meneville</i> (Diptera: Syrphidae). <i>Zootaxa</i> , 2020, 4803, zootaxa.4803.2.1.	0.5	4
69	Systematics of Afrotropical <i>Eristalinae</i> (Diptera: Syrphidae) using mitochondrial phylogenomics. <i>Systematic Entomology</i> , 0, , .	3.9	4
70	Pipunculidae (Diptera) from Papua New Guinea: the genera <i>Cephalosphaera</i> , <i>Cephalops</i> and <i>Beckerias</i> . <i>Zoologica Scripta</i> , 1990, 19, 403-412.	1.7	3
71	Taxonomic revision of the Afrotropical hover fly genus <i>Senaspis</i> Macquart (Diptera, Syrphidae). <i>ZooKeys</i> , 2020, 1003, 83-160.	1.1	3
72	The systematics and distribution of <i>Altenaeum dawsoni</i> (Jeffreys, 1864) with special reference to some new records from northern Norway (Mollusca, Bivalvia: Condylorcardiidae ?). <i>Sarsia</i> , 1984, 69, 205-209.	0.5	2

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73	Genetic structure and range expansion of <i>Zeugodacus Cucurbitae</i> (Diptera: Tephritidae) in Africa. <i>Bulletin of Entomological Research</i> , 2019, 109, 713-722.	1.0	2
74	Revision of the Afrotropical species of the hover fly genus <i>Mesembrius</i> Rondani (Diptera, Syrphidae) using morphological and molecular data. <i>ZooKeys</i> , 2021, 1046, 1-141.	1.1	2
75	A Survey of <i>Ceratitis quinaris</i> (Bezzi) (Diptera: Tephritidae) in Citrus Production Areas in South Africa. <i>African Entomology</i> , 2020, 28, 35.	0.6	2
76	First record of the ant <i>Pheidole megatron</i> Fischer and Fisher, 2013 (Hymenoptera: Formicidae) from Rwanda. <i>African Zoology</i> , 2021, 56, 157-161.	0.4	1
77	Perception of fruit farmers on the occurrence of the oriental fruit fly <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) in South Africa. <i>Journal of Entomology and Zoology Studies</i> , 2021, 8(1), 295-302.	0.4	1
78	Revision of the Afrotropical species of <i>Microcephalops</i> De Meyer 1989 and <i>Collinias</i> Aczsl 1940 (Diptera Pipunculidae). <i>Tropical Zoology</i> , 1996, 9, 381-398.	0.6	0
79	Case 3693 <i>Cryptodacus</i> Hendel, 1914 (Insecta: Diptera: tephritidae): proposed suppression of <i>Cryptodacus</i> Gundlach, 1862 (Reptilia, Serpentes, colubridae). <i>Bulletin of Zoological Nomenclature</i> , 2015, 72, 204-208.	0.1	0