

Gary S Taylor

List of Publications by Year in descending order

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67
papers

1,174
citations

394421

19
h-index

454955

30
g-index

67
all docs

67
docs citations

67
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Insects 'Down Under'- Diversity, endemism and evolution of the Australian insect fauna: examples from select orders. <i>Australian Journal of Entomology</i> , 2004, 43, 216-234.	1.1	111
2	Molecular phylogenetics and the evolution of host plant associations in the nematode genus <i>Fergusobia</i> (Tylenchida: Fergusobiinae). <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 123-141.	2.7	93
3	Strategic national approach for improving the conservation management of insects and allied invertebrates in Australia. <i>Austral Entomology</i> , 2018, 57, 124-149.	1.4	71
4	Psyllid communication: acoustic diversity, mate recognition and phylogenetic signal. <i>Invertebrate Systematics</i> , 2006, 20, 431.	1.3	70
5	Codivergence of the primary bacterial endosymbiont of psyllids versus host switches and replacement of their secondary bacterial endosymbionts. <i>Environmental Microbiology</i> , 2016, 18, 2591-2603.	3.8	50
6	The nematode genus <i>Fergusobia</i> (Nematoda: Neotylenchidae): molecular phylogeny, descriptions of clades and associated galls, host plants and <i>Fergusonina</i> fly larvae. <i>Zootaxa</i> , 2010, 2633, 1.	0.5	35
7	Revision of <i>Fergusonina</i> Malloch gall flies (Diptera : Fergusoninidae) from <i>Melaleuca</i> (Myrtaceae). <i>Invertebrate Systematics</i> , 2004, 18, 251.	1.3	32
8	Butterflies on the brink: identifying the Australian butterflies (Lepidoptera) most at risk of extinction. <i>Austral Entomology</i> , 2021, 60, 98-110.	1.4	31
9	Roles of roadside vegetation in insect conservation in Australia. <i>Austral Entomology</i> , 2021, 60, 128-137.	1.4	30
10	First record of <i>Fergusonina</i> (Diptera: Fergusoninidae) and associated <i>Fergusobia</i> (Tylenchida:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 <i>Entomology</i> , 2007, 32, 548-557.	3.9	27
11	A national scale dataset for threats impacting Australia's imperiled flora and fauna. <i>Ecology and Evolution</i> , 2021, 11, 11749-11761.	1.9	27
12	A new genus and twenty new species of Australian jumping plant-lice (Psylloidea: Triozidae) from <i>Eremophila</i> and <i>Myoporum</i> (Scrophulariaceae: Myoporeae). <i>Zootaxa</i> , 2016, 4073, 1-84.	0.5	26
13	DNA Barcoding Highlights Cryptic Diversity in the New Zealand Psylloidea (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26 <i>Zootaxa</i> , 2016, 4073, 1-84.	1.7	26
14	New species of gall flies (Diptera: Fergusoninidae) and an associated nematode (Tylenchida:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 <i>Entomology</i> , 2008, 47, 336-349.	1.1	25
15	<i>Casuarinicola</i> , a new genus of jumping plant lice (Hemiptera: Triozidae) from <i>Casuarina</i> (Casuarinaceae). <i>Zootaxa</i> , 2010, 2601, 1.	0.5	25
16	Potential economic pests of solanaceous crops: a new species of <i>Solanum</i> -feeding psyllid from Australia and first record from New Zealand of <i>Acizzia solanicola</i> (Hemiptera: Psyllidae). <i>Zootaxa</i> , 2013, 3613, 257-73.	0.5	24
17	Visual acuity trade-offs and microhabitat driven adaptation of searching behaviour in psyllids (Hemiptera: Psylloidea: Aphalaridae). <i>Journal of Experimental Biology</i> , 2015, 218, 1564-71.	1.7	24
18	In threat of co-extinction: two new species of <i>Acizzia</i> Heslop-Harrison (Hemiptera: Psyllidae) from vulnerable species of <i>Acacia</i> and <i>Pultenaea</i> . <i>Zootaxa</i> , 2009, 2249, 20-32.	0.5	24

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19	A new genus and ten new species of jumping plant lice (Hemiptera: Triozidae) from Allocasuarina (Casuarinaceae) in Australia. <i>Zootaxa</i> , 2011, 3009, 1.	0.5	23
20	Nymphal development and lerp construction of <i>Glycaspis</i> sp. (Hemiptera: Psylloidea) on <i>Eucalyptus sideroxylon</i> (Myrtaceae) in central-west New South Wales, Australia. <i>Arthropod Structure and Development</i> , 2013, 42, 551-564.	1.4	20
21	Two new species of <i>Acizzia</i> Crawford (Hemiptera: Psyllidae) from the Solanaceae with a potential new economic pest of eggplant, <i>Solanum melongena</i> . <i>Australian Journal of Entomology</i> , 2010, 49, 73-81.	1.1	19
22	Trophic cascades in bell miner-associated dieback forests: Quantifying relationships between leaf quality, psyllids and <i>Phylloxera</i> parasitoids. <i>Austral Ecology</i> , 2015, 40, 77-89.	1.5	18
23	Further evidence of the coextinction threat for jumping plant-lice: three new <i>Acizzia</i> (Psyllidae) and <i>Trioza</i> (Triozidae) from Western Australia. <i>Insect Systematics and Evolution</i> , 2014, 45, 283-302.	0.7	17
24	Nematodes from galls on Myrtaceae. II. <i>Fergusobia</i> / <i>Fergusonina</i> from small axillary bud ('stem') and leaf ('pea') galls in Australia, with descriptions of two new species. <i>Zootaxa</i> , 2012, 3415, .	0.5	16
25	An emerging example of tritrophic coevolution between flies (Diptera: Fergusoninidae) and nematodes (Nematoda: Neotylenchidae) on Myrtaceae host plants. <i>Biological Journal of the Linnean Society</i> , 2014, 111, 699-718.	1.6	16
26	Nematodes from galls on Myrtaceae. III. <i>Fergusobia</i> from flower bud and stigma galls on <i>Eucalyptus</i> , with descriptions of four new species. <i>Zootaxa</i> , 2012, 3532, 1.	0.5	14
27	Unravelling mummies: cryptic diversity, host specificity, trophic and coevolutionary interactions in psyllid-parasitoid food webs. <i>BMC Evolutionary Biology</i> , 2017, 17, 127.	3.2	14
28	Effects of eucalypt nutritional quality on the <i>Bog gum</i> Victorian metapopulation of <i>Ctenarytaina bipartita</i> and implications for host and range expansion. <i>Ecological Entomology</i> , 2016, 41, 211-225.	2.2	13
29	Concordance in evolutionary history of threatened plant and insect populations warrant unified conservation management approaches. <i>Biological Conservation</i> , 2016, 198, 135-144.	4.1	13
30	Characteristics of the Signals of Male <i>Anoeconeossa bundoorensis</i> Taylor and Burckhardt (Hemiptera: Aphalaridae) Associated with Female Responsiveness. <i>Journal of Insect Behavior</i> , 2016, 29, 1-14.	0.7	13
31	New species of <i>Acizzia</i> Heslop-Harrison (Hemiptera: Psyllidae) from Australian mistletoe (Loranthaceae). <i>Australian Journal of Entomology</i> , 1999, 38, 66-71.	1.1	12
32	Nematodes from galls on Myrtaceae. IV. <i>Fergusobia</i> from flat leaf galls on <i>Eucalyptus</i> and <i>Corymbia</i> , with descriptions of two new species. <i>Zootaxa</i> , 2013, 3741, 151.	0.5	12
33	Nematodes from galls on Myrtaceae. V. <i>Fergusobia</i> from large multilocular shoot bud galls from <i>Angophora</i> and <i>Eucalyptus</i> in Australia, with descriptions of six new species. <i>Zootaxa</i> , 2013, 3741, 101.	0.5	11
34	Nematodes from galls on Myrtaceae. VI. <i>Fergusobia</i> from galls on <i>Angophora</i> in Australia, with description of <i>F. colbrani</i> n. sp. and key. <i>Zootaxa</i> , 2014, 3856, 326-48.	0.5	11
35	Diversity and host specificity of Psylloidea (Hemiptera) inhabiting box mistletoe, <i>Amomyza miquelii</i> (Loranthaceae) and three of its host <i>Eucalyptus</i> species. <i>Austral Entomology</i> , 2015, 54, 306-314.	1.4	11
36	<i>Ctenarytaina bipartita</i> sp. n. (Hemiptera, Psylloidea), a new eucalypt psyllid from Southeast Australia. <i>Zootaxa</i> , 2013, 3613, 589-96.	0.5	10

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37	Nematodes from galls on Myrtaceae. VII. <i>Fergusobia</i> from "leafy" leaf bud galls in Australia, with re-description of <i>Fergusobia tumifaciens</i> (Currie 1937) Wachek 1955 and descriptions of <i>Fergusobia planchoniana</i> n. sp. and <i>Fergusobia viminalisae</i> n. sp.. <i>Zootaxa</i> , 2014, 3856, 529-54.	0.5	10
38	Meiotic karyotypes and structure of testes in males of 17 species of Psyllidae: Spondylaspidinae (Hemiptera: Psylloidea) from Australia. <i>Australian Journal of Entomology</i> , 2001, 40, 349-356.	1.1	9
39	Three new Australian species of Trioza...Foerster (Hemiptera: Triozidae) with a remarkable adaptation to oviposition on articulate branchlets of <i>Allocasuarina</i> (Casuarinaceae). <i>Australian Journal of Entomology</i> , 2013, 52, 42-52.	1.1	9
40	Population declines and the conservation of insects and other terrestrial invertebrates in Australia. <i>Austral Entomology</i> , 2021, 60, 3-8.	1.4	9
41	<i>Anoeconeossa bundoorensis</i> sp. n., a new psyllid (Hemiptera: Psyllidae) from Australia. <i>Zootaxa</i> , 2013, 3609, 351-359.	0.5	8
42	Bionomics and feeding impact of <i>Ctenarytaina eucalypti</i> (Hemiptera: Psylloidea) in Australia and New Zealand. <i>Austral Entomology</i> , 2015, 54, 159-171.	1.4	8
43	New species of <i>Acizzia</i> (Hemiptera: Psyllidae) from an Australian endemic <i>Solanum</i> (Solanaceae). <i>Austral Entomology</i> , 2018, 57, 297-302.	1.4	8
44	New genus and two new species of gall midge (Diptera: Cecidomyiidae) damaging buds on Eucalyptus in Australia. <i>Australian Journal of Entomology</i> , 2002, 41, 23-29.	1.1	7
45	Sex-limited association of <i>Fergusobia</i> nematodes with female <i>Australasian mutualism</i> (Nematoda: Eotylenchidae; Diptera: Fergusoniidae). <i>Australian Journal of Entomology</i> , 2013, 52, 125-128.	1.1	7
46	Nematodes from galls on Myrtaceae. VIII. <i>Fergusobia</i> from small galls on shoot buds, with descriptions of four new species. <i>Zootaxa</i> , 2014, 3857, 1-40.	0.5	7
47	Feeding and oviposition behaviour of a gall inducing species of <i>Glycaspis</i> (Synglycaspis) (Hemiptera: Psyllidae) on <i>Allocasuarina</i> (Myrtaceae) in central western New South Wales, Australia. <i>European Journal of Entomology</i> , 2015, 112, 75-90.	1.2	7
48	Illuminating Insights into the Biodiversity of the Australian Psyllids (Hemiptera: Psylloidea) Collected Using Light Trapping. <i>Insects</i> , 2020, 11, 354.	2.2	7
49	Meiotic karyotypes and structure of testes in males of 12 species of Psyllidae: Acizzinae, Carsidaridae and Triozidae (Hemiptera: Psylloidea) from Australia. <i>Australian Journal of Entomology</i> , 2001, 40, 357-364.	1.1	6
50	Two new species of <i>Selitrichodes</i> (Hymenoptera: Eulophidae: Tetrastichinae) inducing galls on <i>Casuarina</i> (Casuarinaceae). <i>Zootaxa</i> , 2014, 3790, 534.	0.5	6
51	Nematodes from galls on Myrtaceae. X. <i>Fergusobia</i> from galls on narrow-leaved <i>Melaleuca</i> spp. in Australia, with descriptions of three new species. <i>Zootaxa</i> , 2014, 3889, 237-58.	0.5	6
52	Nematodes from galls on Myrtaceae. IX. <i>Fergusobia rosettae</i> n. sp. on <i>Melaleuca quinquenervia</i> and <i>F. tolgaensis</i> n. sp. on <i>Syzygium luehmannii</i> , from Queensland. <i>Zootaxa</i> , 2014, 3889, 214-36.	0.5	6
53	Case of mistaken identity: resolving the taxonomy between <i>Trioza eugeniae</i> Froggatt and <i>T. adventicia</i> Tuthill (Psylloidea: Triozidae). <i>Bulletin of Entomological Research</i> , 2020, 110, 340-351.	1.0	6
54	A new genus and species of gall midge (Diptera: Cecidomyiidae) from Casuarina trees in Australia. <i>Australian Journal of Entomology</i> , 2012, 51, 223-228.	1.1	5

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55	Settling down to dine on a dioecious <i>Gondwanan</i> relict: why are <i>Acanthocnema dobsoni</i> nymphs more abundant at the base of branchlets? <i>Entomologia Experimentalis Et Applicata</i> , 2016, 159, 77-91.	1.4	5
56	Galling problems – the <i>Fergusobia</i> nematode/ <i>Fergusonina</i> fly mutualism on myrtaceous hosts. <i>Nematology</i> , 2016, 18, 629-649.	0.6	4
57	New species of <i>Acizzia</i> Heslop-Harrison (Hemiptera: Psyllidae) from Loranthaceae in Australia and New Guinea. <i>Austral Entomology</i> , 2017, 56, 355-383.	1.4	4
58	Phylogenetics of Australasian gall flies (Diptera: Fergusoninidae): Evolutionary patterns of host-shifting and gall morphology. <i>Molecular Phylogenetics and Evolution</i> , 2017, 115, 140-160.	2.7	4
59	A new species of <i>Cerotrioza</i> Crawford (Hemiptera: Triozidae) damaging New South Wales Christmas Bush, <i>Ceratopetalum gummiferum</i> , in eastern Australia. <i>Australian Journal of Entomology</i> , 2008, 47, 330-335.	1.1	3
60	First Record of the Australian Psyllid <i>Blastopsylla Occidentalis</i> Taylor (Hemiptera, Psylloidea) from Uruguay. <i>Transactions of the Royal Society of South Australia</i> , 2014, 138, 231-236.	0.4	3
61	Insect conservation in Australia. <i>Austral Entomology</i> , 2018, 57, 119-123.	1.4	2
62	Developmental biology and seasonal phenology of <i>Acanthocnema dobsoni</i> (Hemiptera: Triozidae) and the influence of climate-mediated changes in body size on vibrational signals. <i>Austral Entomology</i> , 2021, 60, 234-243.	1.4	2
63	First record of <i>Fergusonina</i> (Diptera: Fergusoninidae) and associated <i>Fergusobia</i> (Tylenchida) species. <i>Insect Systematics and Evolution</i> , 2018, 49, 183-206.	0.7	1
64	A likely association of damselflies with the habitat heterogeneity provided by the freshwater swamp lily, <i>Ottelia ovalifolia</i> , in Eyre Peninsula granite rock-holes, with a review of potential threats to this ephemeral habitat. <i>Transactions of the Royal Society of South Australia</i> , 2021, 145, 152-167.	0.4	1
65	<i>Myotrioza myopori</i> Taylor, a designation of the type species for the genus <i>Myotrioza</i> gen. nov. (Psylloidea: Triozidae). <i>Zootaxa</i> , 2016, 4097, 584.	0.5	0
66	Nematodes from galls on Myrtaceae. XI. Descriptions of five new species of <i>Fergusobia</i> from Australia. <i>Zootaxa</i> , 2018, 4399, 1.	0.5	0
67	New species of gall fly (Diptera: Fergusoninidae) from <i>Eucalyptus camaldulensis</i> (Myrtaceae) in southern Australia and its associated parasitoids and inquiline. <i>Zootaxa</i> , 2019, 4701, 401-416.	0.5	0