

Martin J Steinbauer

List of Publications by Year in descending order

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90
papers

1,450
citations

361413

20
h-index

414414

32
g-index

92
all docs

92
docs citations

92
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Native and Exotic Pests of <i>Eucalyptus</i> : A Worldwide Perspective. Annual Review of Entomology, 2011, 56, 181-201.	11.8	172
2	Oviposition preference of a <i>Eucalyptus</i> herbivore and the importance of leaf age on interspecific host choice. Ecological Entomology, 1998, 23, 201-206.	2.2	73
3	Monoterpenes and Epicuticular Waxes Help Female Autumn Gum Moth Differentiate Between Waxy and Glossy <i>Eucalyptus</i> and Leaves of Different Ages. Journal of Chemical Ecology, 2004, 30, 1117-1142.	1.8	56
4	Codivergence of the primary bacterial endosymbiont of psyllids versus host switches and replacement of their secondary bacterial endosymbionts. Environmental Microbiology, 2016, 18, 2591-2603.	3.8	50
5	Specific leaf weight as an indicator of juvenile leaf toughness in Tasmanian bluegum (<i>Eucalyptus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 32-37.	0.9	48
6	Oviposition preference and neonate performance of <i>Mnesampela privata</i> in relation to heterophylly in <i>Eucalyptus dunnii</i> and <i>E. globulus</i> . Agricultural and Forest Entomology, 2002, 4, 245-253.	1.3	40
7	Modelling a forest lepidopteran: phenological plasticity determines voltinism which influences population dynamics. Forest Ecology and Management, 2004, 198, 117-131.	3.2	40
8	Functional compartmentalisation of nutrients and phenolics in the tissues of galls induced by <i>Leptocybe invasa</i> (Hymenoptera: Eulophidae) on <i>Eucalyptus camaldulensis</i> (Myrtaceae). Austral Entomology, 2018, 57, 238-246.	1.4	38
9	Related but not alike: not all Hemiptera are attracted to yellow. Frontiers in Ecology and Evolution, 2014, 2, .	2.2	36
10	Nutritional enhancement of leaves by a psyllid through senescence-like processes: insect manipulation or plant defence?. Oecologia, 2014, 176, 1061-1074.	2.0	35
11	Suitability of <i>Eucalyptus</i> and <i>Corymbia</i> for <i>Mnesampela privata</i> (Guenee) (Lepidoptera: Geometridae) larvae. Agricultural and Forest Entomology, 2004, 6, 323-332.	1.3	34
12	Challenges to assessing connectivity between massive populations of the Australian plague locust. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3152-3160.	2.6	32
13	Semiochemical and Vibrational Cues and Signals Mediating Mate Finding and Courtship in Psylloidea (Hemiptera): A Synthesis. Insects, 2014, 5, 577-595.	2.2	32
14	Life history and behavioural traits of <i>Mnesampela privata</i> that exacerbate population responses to eucalypt plantations: Comparisons with Australian and outbreak species of forest geometrid from the Northern Hemisphere. Austral Ecology, 2001, 26, 525-534.	1.5	29
15	Using ultra-violet light traps to monitor autumn gum moth, <i>Mnesampela privata</i> (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo 0.9 25	0.9	25
16	Visual acuity trade-offs and microhabitat driven adaptation of searching behaviour in psyllids (Hemiptera: Psylloidea: Aphalaridae). Journal of Experimental Biology, 2015, 218, 1564-71.	1.7	24
17	Transcriptome and defence response in <i>Eucalyptus camaldulensis</i> leaves to feeding by <i>Glycaspis brimblecombei</i> Moore (Hemiptera: Aphalaridae): a stealthy psyllid does not go unnoticed. Austral Entomology, 2018, 57, 247-254.	1.4	23
18	Causes and Consequences of Host Expansion by <i>Mnesampela privata</i> . Journal of Chemical Ecology, 2008, 34, 153-167.	1.8	22

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19	Shoot Feeding as a Nutrient Acquisition Strategy in Free-Living Psyllids. <i>PLoS ONE</i> , 2013, 8, e77990.	2.5	22
20	Changes in eucalypt architecture and the foraging behaviour and development of <i>Amorbus obscuricornis</i> (Hemiptera: Coreidae). <i>Bulletin of Entomological Research</i> , 1998, 88, 641-651.	1.0	21
21	Epicuticular waxes and plant primary metabolites on the surfaces of juvenile <i>Eucalyptus globulus</i> and <i>E. nitens</i> (Myrtaceae) leaves. <i>Australian Journal of Botany</i> , 2009, 57, 474.	0.6	21
22	Specificity and sensitivity of plant odor-detecting olfactory sensory neurons in <i>Ctenarytaina eucalypti</i> (Sternorrhyncha: Psyllidae). <i>Journal of Insect Physiology</i> , 2013, 59, 542-551.	2.0	21
23	A note on manna feeding by ants (Hymenoptera: Formicidae). <i>Journal of Natural History</i> , 1996, 30, 1185-1192.	0.5	20
24	Trophic cascades in bell miner-associated dieback forests: Quantifying relationships between leaf quality, psyllids and <i>Phyllocolpa</i> parasitoids. <i>Austral Ecology</i> , 2015, 40, 77-89.	1.5	18
25	Comparison of damage to <i>Eucalyptus</i> caused by <i>Amorbus obscuricornis</i> and <i>Gelonus tasmanicus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1997, 82, 175-180.	1.4	17
26	Influence of previous frost damage on tree growth and insect herbivory of <i>Eucalyptus globulus globulus</i> . <i>Austral Ecology</i> , 2001, 26, 489-499.	1.5	17
27	The influence of architectural and vegetational complexity in eucalypt plantations on communities of native wasp parasitoids: Towards silviculture for sustainable pest management. <i>Forest Ecology and Management</i> , 2006, 233, 153-164.	3.2	17
28	Eight polymorphic microsatellite loci for the Australian plague locust, <i>Chortoicetes terminifera</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 1414-1416.	4.8	17
29	Latitudinal trends in foliar oils of eucalypts: Environmental correlates and diversity of chrysomelid leaf beetles. <i>Austral Ecology</i> , 2010, 35, 204-213.	1.5	17
30	Tarsal taste sensilla of the autumn gum moth, <i>Mnesampela privata</i> : morphology and electrophysiological activity. <i>Entomologia Experimentalis Et Applicata</i> , 2009, 133, 186-192.	1.4	16
31	Substrate-borne vibrations of male psyllids vary with body size and age but females are indifferent. <i>Animal Behaviour</i> , 2016, 120, 173-182.	1.9	16
32	Visitor or vector? The extent of rove beetle (Coleoptera: Staphylinidae) pollination and floral interactions. <i>Arthropod-Plant Interactions</i> , 2019, 13, 685-701.	1.1	16
33	Dung mimicry in <i>Typhonium</i> (Araceae): explaining floral trait and pollinator divergence in a widespread species complex and a rare sister species. <i>Botanical Journal of the Linnean Society</i> , 2020, 193, 375-401.	1.6	15
34	Summer activity patterns of nocturnal Scarabaeoidea (Coleoptera) of the southern tablelands of New South Wales. <i>Australian Journal of Entomology</i> , 2007, 46, 7-16.	1.1	14
35	The impact of the locust control insecticide fipronil on termites and ants in two contrasting habitats in northern Australia. <i>Crop Protection</i> , 2011, 30, 814-825.	2.1	14
36	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

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37	Seasonal Phenology and Developmental Biology of <i>Amorbus obscuricornis</i> (Westwood) and <i>Gelonus tasmanicus</i> (Le Guillou) (Hemiptera : Coreidae). <i>Australian Journal of Zoology</i> , 1997, 45, 49.	1.0	13
38	Christmas beetles (<i>Anoplognathus</i> spp., Coleoptera: Scarabaeidae) mistake peppercorn trees for eucalypts. <i>Journal of Natural History</i> , 2002, 36, 119-125.	0.5	13
39	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
40	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
41	Where Did You Come From? Where Did You Go? Investigating the Origin of Invasive <i>Leptocybe</i> Species Using Distribution Modelling. <i>Forests</i> , 2019, 10, 115.	2.1	13
42	Does foliage metal accumulation influence plant-insect interactions? A field study of two sympatric tree metallophytes. <i>Functional Plant Biology</i> , 2018, 45, 945.	2.1	12
43	Seasonal abundance of insect biocontrol agents of <i>Mimosa</i> pigra in the Northern Territory. <i>Australian Journal of Entomology</i> , 2000, 39, 328-335.	1.1	10
44	Monitoring autumn gum moth (<i>Mnesampela privata</i>): relationships between pheromone and light trap catches and oviposition in eucalypt plantations. <i>Australian Forestry</i> , 2007, 70, 185-191.	0.9	10
45	Thigmotaxis maintains processions of late-instar caterpillars of <i>Ochrogaster lunifer</i> . <i>Physiological Entomology</i> , 2009, 34, 345-349.	1.5	10
46	<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
47	Elevated anthocyanins protect young <i>Eucalyptus</i> leaves from high irradiance but also indicate foliar nutritional quality to visually attuned psyllids. <i>Ecological Entomology</i> , 2016, 41, 168-181.	2.2	10
48	The Long and the Short of Mate Attraction in a Psyllid: do Semiochemicals Mediate Mating in <i>Acanthocnema dobsoni</i> Froggatt?. <i>Journal of Chemical Ecology</i> , 2016, 42, 163-172.	1.8	10
49	Not Led by the Nose: Volatiles from Undamaged <i>Eucalyptus</i> Hosts Do Not Influence Psyllid Orientation. <i>Insects</i> , 2018, 9, 166.	2.2	10
50	Ecological biogeography of species of <i>Gelonus</i> , <i>Acantholybas</i> and <i>Amorbus</i> in Australia. <i>Austral Ecology</i> , 2002, 27, 1-25.	1.5	9
51	Floral nectar versus honey dew as food for wasp parasitoids: implications for pest management in eucalypt plantations. <i>Australian Forestry</i> , 2004, 67, 199-203.	0.9	9
52	The Incidence and Relative Abundance of <i>Amorbus obscuricornis</i> and <i>Gelonus tasmanicus</i> (Hemiptera : Coreidae). <i>Australian Journal of Zoology</i> , 1997, 45, 631.	1.0	8
53	Field observations of dispersion, mating and development of <i>Amorbus obscuricornis</i> (Westwood) (Hemiptera: Coreidae). <i>Australian Journal of Entomology</i> , 1998, 37, 155-157.	1.1	8
54	Host Plant Phenotype and the Impact and Development of <i>Carmentis mimosa</i> , a Biological Control Agent of <i>Mimosa</i> pigra in Australia. <i>Biological Control</i> , 1998, 13, 182-189.	3.0	8

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55	Identification, synthesis and activity of sex pheromone gland components of the autumn gum moth (Lepidoptera: Geometridae), a defoliator of Eucalyptus. <i>Chemoecology</i> , 2004, 14, 217.	1.1	8
56	Using meteorological and lunar information to explain catch variability of Orthoptera and Lepidoptera from 250â€fW Farrow light traps. <i>Insect Conservation and Diversity</i> , 2012, 5, 367-380.	3.0	8
57	Anoeconeossa bundoorensis sp. n., a new psyllid (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlo Australia. <i>Zootaxa</i> , 2013, 3609, 351-359.	0.5	8
58	Foliar quality of co-occurring mallee eucalypts: balance of primary and secondary metabolites reflects past growing conditions. <i>Chemoecology</i> , 2015, 25, 179-191.	1.1	8
59	Multiple plant traits influence community composition of insect herbivores: a comparison of two understorey shrubs. <i>Arthropod-Plant Interactions</i> , 2017, 11, 889-899.	1.1	8
60	The population ecology of <i>Amorbus Dallas</i> (Hemiptera: Coreidae) species in Australia. <i>Entomologia Experimentalis Et Applicata</i> , 1999, 91, 175-182.	1.4	7
61	How Does Host Abundance Affect Oviposition and Fecundity of <i>Mnesampela privata</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlo 7	1.4	7
62	Yellow, red, dead: the nutritional consequences for <i>Cardiaspina densitexta</i> (Hemiptera: Aphalaridae) nymphs of inducing senescence in old <i>Eucalyptus fasciculosa</i> leaves. <i>Austral Entomology</i> , 2018, 57, 265-278.	1.4	7
63	Defensive Secretions of <i>Amorbus obscuricornis</i> (Westwood), <i>A. rubiginosus</i> (GuÃ©rin-MÃ©neville) and <i>Gelonus tasmanicus</i> (Le Guillou) (Hemiptera: Coreidae). <i>Australian Journal of Entomology</i> , 1995, 34, 75-78.	1.1	6
64	The efficacy of high and low volume spray applications of MimicR (tebufenozide) for managing autumn gum moth larvae <i>Mnesampela privata</i> (Lepidoptera: Geometridae) in eucalypt plantations. <i>Agricultural and Forest Entomology</i> , 2003, 5, 325-332.	1.3	6
65	Relating rainfall and vegetation greenness to the biology of spur-throated and Australian plague locusts. <i>Agricultural and Forest Entomology</i> , 2011, 13, 205-218.	1.3	6
66	Settling down to dine on a dioecious <sc>G</sc>ondwanan relict: why are <i><sc>A</sc>acanthocnema dobsoni</i> nymphs more abundant at the base of branchlets?. <i>Entomologia Experimentalis Et Applicata</i> , 2016, 159, 77-91.	1.4	5
67	Seasonal fluctuations in bodyweight, lipid content and the starvation longevity of <i>Amorbus obscuricornis</i> (Westwood) and <i>Gelonus tasmanicus</i> (Le Guillou) (Hemiptera: Coreidae). <i>Australian Journal of Entomology</i> , 1998, 37, 90-96.	1.1	4
68	Convenience polyandry and the role of lone and reciprocal calls in a psyllid. <i>Animal Behaviour</i> , 2018, 145, 1-10.	1.9	4
69	Wing pattern polyphenism in two behavioural forms of <i>Ochrogaster lunifer</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4	1.4	4
70	<i>Xenoencyrtus hemipterus</i> (Girault) (Hymenoptera: Encyrtidae), an Egg Parasitoid of Coreidae (Hemiptera) in Tasmania. <i>Australian Journal of Entomology</i> , 1995, 34, 63-64.	1.1	3
71	Formalin Treatment of Pupae of <i>Copris hispanus</i> L. (Coleoptera: Scarabaeidae) as a Basis for Release from Quarantine. <i>Australian Journal of Entomology</i> , 1995, 34, 125-128.	1.1	3
72	Diversity and abundance of Lepidoptera and Coleoptera in multiple-species reforestation plantings to offset emissions of carbon dioxide. <i>Australian Forestry</i> , 2019, 82, 89-106.	0.9	3

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73	The functional roles of psyllid abundance and assemblage on bird-associated forest defoliation. <i>Oecologia</i> , 2021, 197, 201-211.	2.0	3
74	Native Defoliators of Australian Mediterranean Forest Trees. , 2016, , 431-454.		3
75	Effects of Formalin Treatment and Dung Consistency on Hatching and Establishment of Larvae of <i>Onthophagus taurus</i> (Schreber), <i>Bubas bison</i> (L.) and <i>Onitis belial</i> (F.) (Coleoptera: Scarabaeidae). <i>Australian Journal of Entomology</i> , 1995, 34, 31-35.	1.1	2
76	Revision of the Genus <i>Acantholybas</i> Breddin (Hemiptera: Coreidae). <i>Annals of the Entomological Society of America</i> , 1996, 89, 519-525.	2.5	2
77	Egg parasitoids of Australian Coreidae (Hemiptera). <i>Australian Journal of Entomology</i> , 2001, 40, 9-16.	1.1	2
78	Insights into herbivore distribution and abundance: oviposition preferences of western hemlock and phantom hemlock loopers. <i>Canadian Entomologist</i> , 2011, 143, 72-81.	0.8	2
79	Ant Assemblages in a Poorly Sampled Part of the Arid Nama Karoo. <i>African Entomology</i> , 2014, 22, 448-453.	0.6	2
80	Role of phytochemistry in insect nutrition. <i>Austral Entomology</i> , 2018, 57, 214-219.	1.4	2
81	Developmental biology and seasonal phenology of <i>Aacanthocnema 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
82	Divergence in floral scent and morphology, but not thermogenic traits, associated with pollinator shift in two brood-site-mimicking <i>Typhonium</i> (Araceae) species. <i>Annals of Botany</i> , 2021, 128, 261-280.	2.9	2
83	Seasonal fluctuations in bodyweight, lipid content and the starvation-longevity of <i>Amorbus obscuricornis</i> (Westwood) and <i>Gelonus tasmanicus</i> (Le Guillou) (Hemiptera: Coreidae). <i>Australian Journal of Entomology</i> , 1998, 37, 90-96.	1.1	1
84	Host Specificity Testing in Australasia: Towards Improved Assays for Biological Control. <i>Australian Journal of Entomology</i> , 2000, 39, 355-357.	1.1	1
85	Comment on "Visual cues override olfactory cues in the host-finding process of the monophagous leaf beetle <i>Altica engstroemi</i> ". <i>Entomologia Experimentalis Et Applicata</i> , 2008, 126, 85-86.	1.4	1
86	The incidence and relative abundance of <i>Amorbus obscuricornis</i> and <i>Gelonus tasmanicus</i> (Hemiptera :). <i>Journal of Zoology</i> , 1998, 46, 201.	1.0	1
87	Resistance of subspecies of <i>Eucalyptus camaldulensis</i> to galling by <i>Leptocybe invasa</i> : Could quinic acid derivatives be responsible for leaf abscission and reduced galling?. <i>Agricultural and Forest Entomology</i> , 2022, 24, 167-177.	1.3	1
88	The ecology, research and management implications of insect-eucalypt interactions: Symposium introduction. <i>Austral Ecology</i> , 2001, 26, 445-446.	1.5	0
89	Heteroptera of Economic Importance. <i>Australian Journal of Entomology</i> , 2002, 41, 95-97.	1.1	0
90	The population ecology of <i>Amorbus Dallas</i> (Hemiptera: Coreidae) species in Australia. , 1999, , 175-182.		0