Tim A Heard

List of Publications by Year
in descending order

70 papers	2,834 citations	236612 25 h-index	182168 51 g-index
72 all docs	72 docs citations	72 times ranked	2537 citing authors

#	Article	IF	Citations
1	THE ROLE OF STINGLESS BEES IN CROP POLLINATION. Annual Review of Entomology, 1999, 44, 183-206.	5.7	430
2	Classical biological control for the protection of natural ecosystems. Biological Control, 2010, 54, S2-S33.	1.4	247
3	Global meliponiculture: challenges and opportunities. Apidologie, 2006, 37, 275-292.	0.9	233
4	Scientific advances in the analysis of direct risks of weed biological control agents to nontarget plants. Biological Control, 2005, 35, 215-226.	1.4	158
5	Antimicrobial activity of honey from the stingless beeTrigona carbonariadetermined by agar diffusion, agar dilution, broth microdilution and time-kill methodology. Journal of Applied Microbiology, 2010, 108, 1534-1543.	1.4	117
6	Interactions between nutrient status and weevil herbivory in the biological control of water hyacinth. Journal of Applied Ecology, 2000, 37, 117-127.	1.9	96
7	Composition and Antioxidant Activity of Trigona carbonaria Honey from Australia. Journal of Medicinal Food, 2008, 11, 789-794.	0.8	93
8	Urban gardens promote bee foraging over natural habitats and plantations. Ecology and Evolution, 2016, 6, 1304-1316.	0.8	91
9	Anti-staphylococcal activity of C-methyl flavanones from propolis of Australian stingless bees (Tetragonula carbonaria) and fruit resins of Corymbia torelliana (Myrtaceae). FÃ¬toterapÃ¬Ã¢, 2014, 95, 247-257.	1.1	76
10	The future of pollinators for Australian agriculture. Australian Journal of Agricultural Research, 2002, 53, 893.	1.5	73
11	Social bees are fitter in more biodiverse environments. Scientific Reports, 2018, 8, 12353.	1.6	72
12	Factors Influencing Flight Activity of Colonies of the Stingless Bee Trigona-Carbonaria (Hymenoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	66
13	Behaviour and pollinator efficiency of stingless bees and honey bees on macadamia flowers. Journal of Apicultural Research, 1994, 33, 191-198.	0.7	58
14	Ambient Temperature Influences Australian Native Stingless Bee (Trigona carbonaria) Preference for Warm Nectar. PLoS ONE, 2010, 5, e12000.	1.1	58
15	A review of Australian classical biological control of weeds programs and research activities over the past 12 years. Biological Control, 2010, 52, 271-287.	1.4	55
16	Diversity, Abundance, and Distribution of Insect Visitors to Macadamia Flowers. Environmental Entomology, 1994, 23, 91-100.	0.7	54
17	Flight range of the Australian stingless bee Tetragonula carbonaria (Hymenoptera: Apidae). Austral Entomology, 2017, 56, 50-53.	0.8	48
18	Generalist social bees maximize diversity intake in plant speciesâ€rich and resourceâ€abundant environments. Ecosphere, 2017, 8, e01758.	1.0	42

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19	The Australian stingless bee industry: a follow-up survey, one decade on. Journal of Apicultural Research, 2013, 52, 1-7.	0.7	39
20	Pollination biology of cashew in the Northern Territory of Australia. Australian Journal of Agricultural Research, 1990, 41, 1101.	1.5	38
21	Worth the risk? Introduction of legumes can cause more harm than good: an Australian perspective. Australian Systematic Botany, 2003, 16, 81.	0.3	38
22	Antibacterial activity of honey from the Australian stingless bee Trigona carbonaria. International Journal of Antimicrobial Agents, 2008, 32, 89-90.	1.1	36
23	Stingless bee keeping in Australia: snapshot of an infant industry. Bee World, 2000, 81, 116-125.	0.3	34
24	In Vitro Antibacterial Phenolic Extracts from â€œSugarbagâ€•Pot-Honeys of Australian Stingless Bees (Tetragonula carbonaria). Journal of Agricultural and Food Chemistry, 2014, 62, 12209-12217.	2.4	29
25	Many small rather than few large sources identified in long-term bee pollen diets in agroecosystems. Agriculture, Ecosystems and Environment, 2021, 310, 107296.	2.5	29
26	Flower constancy of the stingless beeTrigona carbonariaSmith (Hymenoptera: Apidae: Meliponini). Australian Journal of Entomology, 2001, 40, 61-64.	1.1	28
27	Floral Species Richness Correlates with Changes in the Nutritional Quality of Larval Diets in a Stingless Bee. Insects, 2020, 11, 125.	1.0	28
28	Pollinator Requirements and Flowering Patterns of Macadamia integrifolia. Australian Journal of Botany, 1993, 41, 491.	0.3	26
29	Estimating Fundamental Host Range: A Host-Specificity Study of a Potential Biocontrol Agent for Prosopis Species (Leguminosae). Biocontrol Science and Technology, 2000, 10, 331-342.	0.5	26
30	Bees at War: Interspecific Battles and Nest Usurpation in Stingless Bees. American Naturalist, 2014, 184, 777-786.	1.0	25
31	Differences in the resource intake of two sympatric Australian stingless bee species. Apidologie, 2014, 45, 514-527.	0.9	25
32	Phloroglucinols from Antiâ€Microbial Depositâ€Resins of Australian Stingless Bees (Tetragonula) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	25
33	Nest defence in a stingless bee: What causes fighting swarms in Trigona carbonaria (Hymenoptera,) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	24
34	Brood comb construction by the stingless bees Tetragonula hockingsi and Tetragonula carbonaria. Swarm Intelligence, 2012, 6, 151-176.	1.3	19
35	Determination of interglycosidic linkages in Oâ€glycosyl flavones by highâ€performance liquid chromatography/photodiodeâ€array detection coupled to electrospray ionization ion trap mass spectrometry. Its application to Tetragonula carbonaria honey from Australia. Rapid Communications in Mass Spectrometry, 2015, 29, 948-954.	0.7	19
36	Host Selection and Host Range of the Flower-Feeding Weevil,Coelocephalapion pigrae,a Potential Biological Control Agent ofMimosa pigra. Biological Control, 1996, 6, 83-95.	1.4	17

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37	Nontarget effects of a weed biological control agent on a native plant in Northern Australia. Biological Control, 2007, 42, 25-33.	1.4	17
38	Oviposition and feeding preferences of a flowerâ€feeding weevil, Coelocephalapion aculeatum, in relation to conspecific damage to its hostâ€plant. Entomologia Experimentalis Et Applicata, 1995, 76, 203-209.	0.7	16
39	Anthropogenic hive movements are changing the genetic structure of a stingless bee (Tetragonula) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	15
40	Malacorhinus irregularis for biological control of Mimosa pigra: host-specificity, life cycle, and establishment in Australia. Biological Control, 2005, 32, 252-262.	1.4	14
41	Review and analysis of the surveys for natural enemies of Mimosa pigra: What does it tell us about surveys for broadly distributed hosts?. Biological Control, 2005, 34, 247-254.	1.4	14
42	The role of geography and environment in species turnover: phytophagous arthropods on a Neotropical legume. Journal of Biogeography, 2013, 40, 1755-1766.	1.4	14
43	Host Specificity and Aspects of the Biology of Coelocephalapion aculeatum (Coleoptera: Apionidae), a Potential Biological Control Agent of Mimosa pigra (Mimosaceae). Environmental Entomology, 1994, 23, 147-153.	0.7	12
44	Resources or landmarks: which factors drive homing success in Tetragonula carbonaria foraging in natural and disturbed landscapes?. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2016, 202, 701-708.	0.7	12
45	No worker reproduction in the Australian stingless bee Trigona carbonaria Smith (Hymenoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	11
46	Biology, host specificity, release and establishment of Macaria pallidata and Leuciris fimbriaria (Lepidoptera: Geometridae), biological control agents of the weed Mimosa pigra. Biological Control, 2010, 55, 248-255.	1.4	11
47	Emergency queens inTetragonula carbonaria(Smith, 1854) (Hymenoptera: Apidae:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	10
48	Nonvolatile chemicals provide a nest defence mechanism for stingless bees Tetragonula carbonaria (Apidae, Meliponini). Ethology, 2018, 124, 633-640.	0.5	10
49	Oviposition preferences and larval performance of a flowerâ€feeding weevil, Coelocephalapion aculeatum, in relation to host development. Entomologia Experimentalis Et Applicata, 1995, 76, 195-201.	0.7	9
50	Biology and Host Range of the Green-seed Weevil, Sibinia fastigiata , for Biological Control of Mimosa pigra. Biocontrol Science and Technology, 1997, 7, 631-644.	0.5	8
51	Chalcodermus serripes(Coleoptera: Curculionidae) for Biological Control ofMimosa pigra:Host Relations and Life Cycle. Biological Control, 1999, 15, 1-9.	1.4	8
52	Characterising the phytophagous arthropod fauna of a single host plant species: assessing survey completeness at continental and local scales. Biodiversity and Conservation, 2014, 23, 2985-3003.	1.2	8
53	Science Round-up. Bee World, 2001, 82, 110-112.	0.3	7
54	Rapid preliminary characterisation of host specificity of leaf-beetles (Coleoptera: Chrysomelidae). Biocontrol Science and Technology, 2004, 14, 499-511.	0.5	7

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55	Agonosoma trilineatum (Heteroptera: Scutelleridae) a biological control agent of the weed bellyache bush, Jatropha gossypiifolia (Euphorbiaceae). Biological Control, 2009, 48, 196-203.	1.4	5
56	Mimosa pigra L. (Leguminosae). , 0, , 256-273.		5
57	Megamelus scutellaris(Hemiptera: Delphacidae), a biocontrol agent of water hyacinth, is not sufficiently specific for release in Australia. Biocontrol Science and Technology, 2014, 24, 554-560.	0.5	5
58	Comparative Studies of Development and Host Utilization by Calligrapha pantherina on Sida acuta and S rhombifolia. Biological Control, 1994, 4, 336-340.	1.4	4
59	Characterizing the host specificity of Ischnodemus variegatus (Signoret) (Hemiptera: Blissidae) on two congeneric grass species. Biological Control, 2010, 55, 219-224.	1.4	4
60	A new species of Neolasioptera (Diptera: Cecidomyiidae) from Parkinsonia aculeata (Leguminosae) in Argentina for possible use in biological control in Australia, with a key to Neotropical species of Neolasioptera. Zootaxa, 2011, 2866, 61.	0.2	4
61	Revision of the genus Eueupithecia Prout, 1910 from Argentina (Lepidoptera, Geometridae, Sterrhinae). Zootaxa, 2016, 4138, 392.	0.2	4
62	Perceptions of keepers of stingless bees (Tetragonula, Austroplebeia) regarding Aboriginal beliefs and practices in Australia. Journal of Apicultural Research, 2021, 60, 665-677.	0.7	4
63	Natural enemies of invasive Hymenachne amplexicaulis and its native congener in Australia and the potential for biological control. Biological Control, 2011, 57, 130-137.	1.4	3
64	Tortricid Moths Reared from the Invasive Weed Mexican Palo Verde,Parkinsonia aculeata, with Comments on their Host Specificity, Biology, Geographic Distribution, and Systematics. Journal of Insect Science, 2011, 11, 1-17.	0.6	3
65	Nesaecrepida infuscata: a biological control agent of the invasive plant Mimosa pigra. BioControl, 2012, 57, 573-580.	0.9	3
66	Males Are Capable of Long-Distance Dispersal in a Social Bee. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	2
67	Biological control of the bellyache bush. Outlooks on Pest Management, 2003, 14, 145.	0.2	1
68	Biology, host specificity and DNA barcoding of cryptic Eueupithecia species (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 (Fabaceae) in Australia. Austral Entomology, 2022, 61, 124-132.	0.8	1
69	A small moth to cut the giant sensitive plant down to size in Australia. Outlooks on Pest Management, 2005, 16, 69-70.	0.1	0
70	A new biological control agent for the weed <I>Mimosa pigra</I> in Australia's northern wetlands. Outlooks on Pest Management, 2007, 18, 52-53.	0.1	0