

Mark Blacket

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,008
citations

279798

23
h-index

276875

41
g-index

61
all docs

61
docs citations

61
times ranked

2406
citing authors

#	ARTICLE	IF	CITATIONS
1	A diagnostic LAMP assay for rapid identification of an invasive plant pest, fall armyworm <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). <i>Scientific Reports</i> , 2022, 12, 1116.	3.3	15
2	Disentangling bias for non-destructive insect metabarcoding. <i>PeerJ</i> , 2022, 10, e12981.	2.0	18
3	DNA Metabarcoding Enables High-Throughput Detection of Spotted Wing Drosophila (<i>Drosophila</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382	2.2	7
4	Parthenogenesis without costs in a grasshopper with hybrid origins. <i>Science</i> , 2022, 376, 1110-1114.	12.6	10
5	On the complementarity of DNA barcoding and morphology to distinguish benign endemic insects from possible pests: the case of <i>Dirioxa pornia</i> and the tribe Acanthonevrini (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382	2.2	7
6	Propylene Glycol and Non-Destructive DNA Extractions Enable Preservation and Isolation of Insect and Hosted Bacterial DNA. <i>Agriculture (Switzerland)</i> , 2021, 11, 77.	3.1	18
7	Developing a non-destructive metabarcoding protocol for detection of pest insects in bulk trap catches. <i>Scientific Reports</i> , 2021, 11, 7946.	3.3	32
8	A LAMP (loop-mediated isothermal amplification) test for rapid identification of Khapra beetle (<i>Trogoderma granarium</i>). <i>Pest Management Science</i> , 2021, 77, 5509-5521.	3.4	18
9	Description of an Australian endemic species of <i>Trioza</i> (Hemiptera: Triozidae) pest of the endemic tea tree, <i>Melaleuca alternifolia</i> (Myrtaceae). <i>PLoS ONE</i> , 2021, 16, e0257031.	2.5	1
10	Development of internal COI primers to improve and extend barcoding of fruit flies (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	3.0	11
11	A LAMP assay for the detection of <i>Bactrocera tryoni</i> Queensland fruit fly (Diptera: Tephritidae). <i>Scientific Reports</i> , 2020, 10, 9554.	3.3	19
12	A diagnostic LAMP assay for the destructive grapevine insect pest, phylloxera (<i>Daktulosphaira</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	3.3	15
13	Illuminating Insights into the Biodiversity of the Australian Psyllids (Hemiptera: Psylloidea) Collected Using Light Trapping. <i>Insects</i> , 2020, 11, 354.	2.2	7
14	Prospects and challenges of implementing DNA metabarcoding for high-throughput insect surveillance. <i>GigaScience</i> , 2019, 8, .	6.4	132
15	Non-destructive DNA extractions from fly larvae (Diptera: Muscidae) enable molecular identification of species and enhance morphological features. <i>Austral Entomology</i> , 2019, 58, 848-856.	1.4	11
16	Molecular Assessment of the Introduction and Spread of Potato Cyst Nematode, <i>Globodera rostochiensis</i> , in Victoria, Australia. <i>Phytopathology</i> , 2019, 109, 659-669.	2.2	11
17	Accurate identification of Australian mosquitoes using protein profiling. <i>Parasitology</i> , 2019, 146, 462-471.	1.5	18
18	Effective mosquito and arbovirus surveillance using metabarcoding. <i>Molecular Ecology Resources</i> , 2018, 18, 32-40.	4.8	51

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19	Using Next-Generation Sequencing for DNA Barcoding: Capturing Allelic Variation in <i>ITS2</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 19-29.	1.8	38
20	Screening mitochondrial DNA sequence variation as an alternative method for tracking established and outbreak populations of Queensland fruit fly at the species southern range limit. <i>Ecology and Evolution</i> , 2017, 7, 2604-2616.	1.9	7
21	A DNA barcode database of Australia's freshwater macroinvertebrate fauna. <i>Marine and Freshwater Research</i> , 2017, 68, 1788.	1.3	31
22	Molecular identification of mosquitoes (Diptera: Culicidae) in southeastern Australia. <i>Ecology and Evolution</i> , 2016, 6, 3001-3011.	1.9	75
23	A plethora of planigales: genetic variability and cryptic species in a genus of dasyurid marsupials from northern Australia. <i>Australian Journal of Zoology</i> , 2016, 64, 303.	1.0	20
24	Introduced Helicidae garden snails in Australia: morphological and molecular diagnostics, species distributions and systematics. <i>Records of the Australian Museum</i> , 2016, 68, 99-116.	0.2	12
25	DNA-based identifications reveal multiple introductions of the vegetable leafminer <i>Liriomyza sativae</i> (Diptera: Agromyzidae) into the Torres Strait Islands and Papua New Guinea. <i>Bulletin of Entomological Research</i> , 2015, 105, 533-544.	1.0	28
26	Phylogeny of the holly grevilleas (Proteaceae) based on nuclear ribosomal and chloroplast DNA. <i>Australian Systematic Botany</i> , 2014, 27, 56.	0.9	11
27	Genetic Structure of <i>Carex</i> Species from the Australian Alpine Region along Elevation Gradients: Patterns of Reproduction and Gene Flow. <i>International Journal of Plant Sciences</i> , 2013, 174, 189-199.	1.3	6
28	Review and revision of Australian <i>Germalus</i> , <i>Stål</i> , with new genera and further new species of Australian Geocorinae (Hemiptera: Heteroptera: Geocoridae). <i>Zootaxa</i> , 2013, 3746, 257.	0.5	14
29	Physical and Linkage Maps for <i>Drosophila serrata</i> , a Model Species for Studies of Clinal Adaptation and Sexual Selection. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 287-297.	1.8	19
30	Microsatellite marker development for two species of holly-leaved Grevillea and cross-species amplification in the <i>Aspleniifolia</i> / <i>Hookeriana</i> Subgroup (Proteaceae). <i>Conservation Genetics Resources</i> , 2012, 4, 137-140.	0.8	6
31	A proline repeat polymorphism of the <i>Frost</i> gene of <i>Drosophila melanogaster</i> showing clinal variation but not associated with cold resistance. <i>Insect Molecular Biology</i> , 2012, 21, 437-445.	2.0	11
32	Universal primers for fluorescent labelling of PCR fragments – an efficient and cost-effective approach to genotyping by fluorescence. <i>Molecular Ecology Resources</i> , 2012, 12, 456-463.	4.8	329
33	Barcoding Queensland Fruit Flies (<i>Bactrocera tryoni</i>): impediments and improvements. <i>Molecular Ecology Resources</i> , 2012, 12, 428-436.	4.8	58
34	Three new species of Cleradini from Australia (Hemiptera: Heteroptera: Rhyparochromidae). <i>Zootaxa</i> , 2011, 3003, 43.	0.5	1
35	Phylogenetic analysis of mitochondrial DNA sequences reveals polyphyly in the goitred gazelle (<i>Gazella subgutturosa</i>). <i>Conservation Genetics</i> , 2011, 12, 827-831.	1.5	34
36	Microsatellite loci for the endangered growling grass frog (<i>Litoria raniformis</i>), with cross amplification in other Australian frog species. <i>Conservation Genetics Resources</i> , 2011, 3, 593-595.	0.8	4

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37	Molecular Basis of Adaptive Shift in Body Size in <i>Drosophila melanogaster</i> : Functional and Sequence Analyses of the <i>Dca</i> Gene. <i>Molecular Biology and Evolution</i> , 2011, 28, 2393-2402.	8.9	31
38	Identification of a candidate adaptive polymorphism for <i>Drosophila</i> life history by parallel independent clines on two continents. <i>Molecular Ecology</i> , 2010, 19, 760-774.	3.9	119
39	A clinally varying promoter polymorphism associated with adaptive variation in wing size in <i>Drosophila</i> . <i>Molecular Ecology</i> , 2010, 19, 775-784.	3.9	54
40	Redescription of the Australian metallic-green tomato fly, <i>Lampronchaea brouniana</i> (Bezzi) (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	7
41	Two reciprocally monophyletic mtDNA lineages elucidate the taxonomic status of Mountain gazelles (<i>Gazella gazella</i>). <i>Systematics and Biodiversity</i> , 2010, 8, 119-129.	1.2	33
42	Testing evolutionary hypotheses about species borders: patterns of genetic variation towards the southern borders of two rainforest <i>Drosophila</i> and a related habitat generalist. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1517-1526.	2.6	41
43	The Bassian Isthmus and the major ocean currents of southeast Australia influence the phylogeography and population structure of a southern Australian intertidal barnacle <i>Catomerus polymerus</i> (Darwin). <i>Molecular Ecology</i> , 2008, 17, 1948-1961.	3.9	76
44	The evolution of sexual and parthenogenetic <i>Warramaba</i> : a window onto Plio-“Pleistocene diversification processes in an arid biome. <i>Molecular Ecology</i> , 2008, 17, 5257-5275.	3.9	25
45	Planigales (Marsupialia : Dasyuridae) of eastern Australia's interior: a comparison of morphology, distributions and habitat preferences, with particular emphasis on South Australia. <i>Australian Journal of Zoology</i> , 2008, 56, 195.	1.0	7
46	Antagonistic selection between adult thorax and wing size in field released <i>Drosophila melanogaster</i> independent of thermal conditions. <i>Journal of Evolutionary Biology</i> , 2007, 20, 2219-2227.	1.7	49
47	Lack of genetic structure among ecologically adapted populations of an Australian rainforest <i>Drosophila</i> species as indicated by microsatellite markers and mitochondrial DNA sequences. <i>Molecular Ecology</i> , 2007, 16, 1687-1700.	3.9	26
48	Candidate genes and thermal phenotypes: identifying ecologically important genetic variation for thermotolerance in the Australian <i>Drosophila melanogaster</i> cline. <i>Molecular Ecology</i> , 2007, 16, 2948-2957.	3.9	92
49	Anonymous single-copy nuclear DNA (scnDNA) markers for two endemic log-dwelling beetles: <i>Apsis puncticeps</i> and <i>Adelium calosomoides</i> (Tenebrionidae: Lagriinae: Adeliini). <i>Molecular Ecology Notes</i> , 2006, 6, 362-364.	1.7	6
50	Polymorphic population genetic markers for the Australian wood cockroach <i>Panesthia australis</i> . <i>Molecular Ecology Notes</i> , 2006, 6, 765-766.	1.7	2
51	FAST-TRACK: Waves of parthenogenesis in the desert: evidence for the parallel loss of sex in a grasshopper and a gecko from Australia. <i>Molecular Ecology</i> , 2006, 15, 1743-1748.	3.9	66
52	A tale of two flatties: different responses of two terrestrial flatworms to past environmental climatic fluctuations at Tallaganda in montane southeastern Australia. <i>Molecular Ecology</i> , 2006, 15, 4513-4531.	3.9	79
53	Systematics and Evolution of the Dasyurid Marsupial Genus <i>Sminthopsis</i> : II. The <i>Murina</i> Species Group. <i>Journal of Mammalian Evolution</i> , 2006, 13, 125-138.	1.8	18
54	A set of microsatellite markers for an endangered arboreal marsupial, Leadbeater's possum. <i>Molecular Ecology Notes</i> , 2005, 5, 796-799.	1.7	5

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55	Title is missing!. Journal of Mammalian Evolution, 2001, 8, 149-170.	1.8	26
56	Genetic variation within the dasyurid marsupial genus Planigale. Australian Journal of Zoology, 2000, 48, 443.	1.0	25
57	DNA Sequence Analysis of Familial Relationships Among Dasyuromorphian Marsupials. Journal of Mammalian Evolution, 2000, 7, 95-108.	1.8	13
58	Systematic Relationships within the Dasyurid Marsupial Tribe Sminthopsiniâ€”A Multigene Approach. Molecular Phylogenetics and Evolution, 1999, 12, 140-155.	2.7	41
59	A Multigene Assessment of Phylogenetic Relationships within the Dasyurid Marsupial Subfamily Sminthopsinae. Molecular Phylogenetics and Evolution, 1997, 8, 236-248.	2.7	56