Paul Sunnucks

List of Publications by Year
in descending order

173 papers	11,424 citations	30070 54 h-index	34986 98 g-index
178 all docs	178 docs citations	178 times ranked	10596 citing authors

#	Article	IF	Citations
1	A novel framework for evaluating in situ breeding management strategies in endangered populations. Molecular Ecology Resources, 2022, 22, 239-253.	4.8	6
2	Are we adequately assessing the demographic impacts of harvesting for wildâ€sourced conservation translocations?. Conservation Science and Practice, 2022, 4, e569.	2.0	6
3	Labile sex chromosomes in the Australian freshwater fish family Percichthyidae. Molecular Ecology Resources, 2022, 22, 1639-1655.	4.8	4
4	Chromosome-length genome assembly and linkage map of a critically endangered Australian bird: the helmeted honeyeater. GigaScience, 2022, 11, .	6.4	8
5	Using genomics to fight extinction. Science, 2022, 376, 574-575.	12.6	4
6	Using multiple sources during reintroduction of a locally extinct population benefits survival and reproduction of an endangered freshwater fish. Evolutionary Applications, 2021, 14, 950-964.	3.1	14
7	Evolutionary history and genetic connectivity across highly fragmented populations of an endangered daisy. Heredity, 2021, 126, 846-858.	2.6	6
8	To mix or not to mix gene pools for threatened species management? Few studies use genetic data to examine the risks of both actions, but failing to do so leads disproportionately to recommendations for separate management. Biological Conservation, 2021, 256, 109072.	4.1	33
9	Integrating Mitochondrial Aerobic Metabolism into Ecology and Evolution. Trends in Ecology and Evolution, 2021, 36, 321-332.	8.7	87
10	Functional connectivity and population persistence in woodland birds: insights for management from a multi-species conservation genetics study. Emu, 2021, 121, 147-159.	0.6	3
11	Applying Population Viability Analysis to Inform Genetic Rescue That Preserves Locally Unique Genetic Variation in a Critically Endangered Mammal. Diversity, 2021, 13, 382.	1.7	15
12	Measuring social preferences for conservation management in Australia. Biological Conservation, 2021, 262, 109323.	4.1	8
13	Genetic rescue: A critique of the evidence supports maximizing genetic diversity rather than minimizing the introduction of putatively harmful genetic variation. Biological Conservation, 2020, 251, 108784.	4.1	130
14	Evaluating the use of risk assessment frameworks in the identification of population units for biodiversity conservation. Wildlife Research, 2020, 47, 208.	1.4	14
15	Accounting for cryptic population substructure enhances detection of inbreeding depression with genomic inbreeding coefficients: an example from a critically endangered marsupial. Molecular Ecology, 2020, 29, 2978-2993.	3.9	17
16	Lifetime Fitness Costs of Inbreeding and Being Inbred in a Critically Endangered Bird. Current Biology, 2019, 29, 2711-2717.e4.	3.9	50
17	Genomic evidence of neo-sex chromosomes in the eastern yellow robin. GigaScience, 2019, 8, .	6.4	35
18	Pleistocene-dated biogeographic barriers drove divergence within the Australo-Papuan region in a sex-specific manner: an example in a widespread Australian songbird. Heredity, 2019, 123, 608-621.	2.6	13

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19	A model for firstâ€estimates of speciesâ€specific, ageâ€specific mortality from centralized bandâ€recovery databases. Ecosphere, 2018, 9, e02136.	2.2	3
20	Artificial barriers prevent genetic recovery of small isolated populations of a low-mobility freshwater fish. Heredity, 2018, 120, 515-532.	2.6	50
21	Climateâ€driven mitochondrial selection: A test in Australian songbirds. Molecular Ecology, 2018, 27, 898-918.	3.9	43
22	Patterns and drivers of aquatic invertebrate diversity across an arid biome. Ecography, 2018, 41, 375-387.	4.5	9
23	Evaluating the success of wildlife crossing structures using genetic approaches and an experimental design: Lessons from a gliding mammal. Journal of Applied Ecology, 2018, 55, 129-138.	4.0	36
24	Song parameters of the fuscous honeyeater Lichenostomus fuscus correlate with habitat characteristics in fragmented landscapes. Journal of Avian Biology, 2018, 49, jav-01493.	1.2	6
25	Call for a Paradigm Shift in the Genetic Management of Fragmented Populations. Conservation Letters, 2018, 11, e12412.	5.7	283
26	Population mitogenomics provides insights into evolutionary history, source of invasions and diversifying selection in the House Crow (Corvus splendens). Heredity, 2018, 120, 296-309.	2.6	6
27	Estimates of wear rates in metal bird bands, with applications for survival and movement models of marked individuals. Journal of Field Ornithology, 2018, 89, 393-406.	0.5	6
28	Concordant divergence of mitogenomes and a mitonuclear gene cluster in bird lineages inhabiting different climates. Nature Ecology and Evolution, 2018, 2, 1258-1267.	7.8	63
29	Conservation and Genetics. Yale Journal of Biology and Medicine, 2018, 91, 491-501.	0.2	6
30	Monitoring ecological consequences of efforts to restore landscape-scale connectivity. Biological Conservation, 2017, 206, 201-209.	4.1	28
31	Assessing the scope for genetic rescue of an endangered butterfly: the case of the Eltham copper. Insect Conservation and Diversity, 2017, 10, 399-414.	3.0	10
32	Severe consequences of habitat fragmentation on genetic diversity of an endangered Australian freshwater fish: A call for assisted gene flow. Evolutionary Applications, 2017, 10, 531-550.	3.1	119
33	Perpendicular axes of differentiation generated by mitochondrial introgression. Molecular Ecology, 2017, 26, 3241-3255.	3.9	28
34	Neutral and selective drivers of colour evolution in a widespread Australian passerine. Journal of Biogeography, 2017, 44, 522-536.	3.0	21
35	Purifying selection and genetic drift shaped Pleistocene evolution of the mitochondrial genome in an endangered Australian freshwater fish. Heredity, 2017, 118, 466-476.	2.6	39
36	Signatures of polygenic adaptation associated with climate across the range of a threatened fish species with high genetic connectivity. Molecular Ecology, 2017, 26, 6253-6269.	3.9	34

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37	Evolutionary divergence in freshwater insects with contrasting dispersal capacity across a sea of desert. Freshwater Biology, 2017, 62, 1443-1459.	2.4	14
38	MHC class II Î² exon 2 variation in pardalotes (Pardalotidae) is shaped by selection, recombination and gene conversion. Immunogenetics, 2017, 69, 101-111.	2.4	9
39	De novo genome assembly and annotation of Australia's largest freshwater fish, the Murray cod (Maccullochella peelii), from Illumina and Nanopore sequencing read. GigaScience, 2017, 6, 1-6.	6.4	57
40	Integrative Approaches for Studying Mitochondrial and Nuclear Genome Co-evolution in Oxidative Phosphorylation. Frontiers in Genetics, 2017, 8, 25.	2.3	65
41	New data from basal Australian songbird lineages show that complex structure of MHC class II Î² genes has early evolutionary origins within passerines. BMC Evolutionary Biology, 2016, 16, 112.	3.2	15
42	Scope for genetic rescue of an endangered subspecies though reâ€establishing natural gene flow with another subspecies. Molecular Ecology, 2016, 25, 1242-1258.	3.9	39
43	A potential role for overland dispersal in shaping aquatic invertebrate communities in arid regions. Freshwater Biology, 2016, 61, 745-757.	2.4	35
44	Genetic factors in threatened species recovery plans on three continents. Frontiers in Ecology and the Environment, 2016, 14, 433-440.	4.0	93
45	Identifying environmental correlates of intraspecific genetic variation. Heredity, 2016, 117, 155-164.	2.6	8
46	Pleistocene divergence across a mountain range and the influence of selection on mitogenome evolution in threatened Australian freshwater cod species. Heredity, 2016, 116, 506-515.	2.6	16
47	Genomics in Conservation: Case Studies and Bridging the Gap between Data and Application. Trends in Ecology and Evolution, 2016, 31, 81-83.	8.7	173
48	Evidence of Subdivisions on Evolutionary Timescales in a Large, Declining Marsupial Distributed across a Phylogeographic Barrier. PLoS ONE, 2016, 11, e0162789.	2.5	4
49	Swimming through sand: connectivity of aquatic fauna in deserts. Ecology and Evolution, 2015, 5, 5252-5264.	1.9	27
50	Aquatic communities in arid landscapes: local conditions, dispersal traits and landscape configuration determine local biodiversity. Diversity and Distributions, 2015, 21, 1230-1241.	4.1	37
51	Bird diversity increases after patchy prescribed fire: implications from a beforeâ€“after controlâ€“impact study. International Journal of Wildland Fire, 2015, 24, 690.	2.4	31
52	Very Low Population Structure in a Highly Mobile and Wide-Ranging Endangered Bird Species. PLoS ONE, 2015, 10, e0143746.	2.5	19
53	Positive and purifying selection in mitochondrial genomes of a bird with mitonuclear discordance. Molecular Ecology, 2015, 24, 2820-2837.	3.9	112
54	Characterization of MHC class IIB for four endangered Australian freshwater fishes obtained from ecologically divergent populations. Fish and Shellfish Immunology, 2015, 46, 468-476.	3.6	8

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55	Incorporating evolutionary processes into population viability models. Conservation Biology, 2015, 29, 755-764.	4.7	51
56	Co-Gradient Variation in Growth Rate and Development Time of a Broadly Distributed Butterfly. PLoS ONE, 2014, 9, e95258.	2.5	25
57	Distribution and rapid range expansion of the introduced willow sawflyNematus oligospilusFÃ¶rster (Hymenoptera: Tenthredinidae) in Australasia. Austral Entomology, 2014, 53, 175-182.	1.4	7
58	Strong genetic structuring without assortative mating or reduced hybrid survival in an onychophoran in the Tallaganda State Forest region, Australia. Biological Journal of the Linnean Society, 2014, 111, 589-602.	1.6	4
59	Does reduced mobility through fragmented landscapes explain patch extinction patterns for three honeyeaters?. Journal of Animal Ecology, 2014, 83, 616-627.	2.8	18
60	Species- and sex-specific connectivity effects of habitat fragmentation in a suite of woodland birds. Ecology, 2014, 95, 1556-1568.	3.2	63
61	Using genomics to characterize evolutionary potential for conservation of wild populations. Evolutionary Applications, 2014, 7, 1008-1025.	3.1	207
62	Integrating phylogeography and morphometrics to assess conservation merits and inform conservation strategies for an endangered subspecies of a common bird species. Biological Conservation, 2014, 174, 136-146.	4.1	17
63	Unravelling the Paradox of Loss of Genetic Variation during Invasion: Superclones May Explain the Success of a Clonal Invader. PLoS ONE, 2014, 9, e97744.	2.5	26
64	Disrupted fineâ€scale population processes in fragmented landscapes despite largeâ€scale genetic connectivity for a widespread and common cooperative breeder: the superb fairyâ€wren (<scp>M</scp>alurus cyaneus). Journal of Animal Ecology, 2013, 82, 322-333.	2.8	26
65	Little evidence that condition, stress indicators, sex ratio, or homozygosity are related to landscape or habitat attributes in declining woodland birds. Journal of Avian Biology, 2013, 44, 045-054.	1.2	19
66	Evolutionary refugia and ecological refuges: key concepts for conserving Australian arid zone freshwater biodiversity under climate change. Global Change Biology, 2013, 19, 1970-1984.	9.5	189
67	PERCHED AT THE MITO-NUCLEAR CROSSROADS: DIVERGENT MITOCHONDRIAL LINEAGES CORRELATE WITH ENVIRONMENT IN THE FACE OF ONGOING NUCLEAR GENE FLOW IN AN AUSTRALIAN BIRD. Evolution; International Journal of Organic Evolution, 2013, 67, 3412-3428.	2.3	97
68	Novel microsatellite DNA markers indicate strict parthenogenesis and few genotypes in the invasive willow sawfly Nematus oligospilus. Bulletin of Entomological Research, 2013, 103, 74-88.	1.0	12
69	Prevalence and diversity of avian haematozoa in three species of Australian passerine. Emu, 2013, 113, 353-358.	0.6	8
70	Limited Population Structure, Genetic Drift and Bottlenecks Characterise an Endangered Bird Species in a Dynamic, Fire-Prone Ecosystem. PLoS ONE, 2013, 8, e59732.	2.5	29
71	Environmental Complexity and Biodiversity: The Multi-Layered Evolutionary History of a Log-Dwelling Velvet Worm in Montane Temperate Australia. PLoS ONE, 2013, 8, e84559.	2.5	16
72	The role of temperature and dispersal in moss-microarthropod community assembly after a catastrophic event. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 3042-3049.	4.0	15

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73	Phylogeography of Saproxylic and Forest Floor Invertebrates from Tallaganda, South-eastern Australia. Insects, 2012, 3, 270-294.	2.2	17
74	Opsins in Onychophora (Velvet Worms) Suggest a Single Origin and Subsequent Diversification of Visual Pigments in Arthropods. Molecular Biology and Evolution, 2012, 29, 3451-3458.	8.9	61
75	Predicting Landscape-Genetic Consequences of Habitat Loss, Fragmentation and Mobility for Multiple Species of Woodland Birds. PLoS ONE, 2012, 7, e30888.	2.5	54
76	Genes and song: genetic and social connections in fragmented habitat in a woodland bird with limited dispersal. Ecology, 2012, 93, 1717-1727.	3.2	25
77	Fine-scale effects of habitat loss and fragmentation despite large-scale gene flow for some regionally declining woodland bird species. Landscape Ecology, 2012, 27, 813-827.	4.2	63
78	Strong population genetic structure and its management implications in the mud carp Cirrhinus molitorella, an indigenous freshwater species subject to an aquaculture and cultureâ€based fishery. Journal of Fish Biology, 2012, 80, 651-668.	1.6	10
79	Stageâ€dependent physiological responses in a butterfly cause nonâ€additive effects on phenology. Oikos, 2012, 121, 1464-1472.	2.7	30
80	Mouthpart morphology and trophic position of microarthropods from soils and mosses are strongly correlated. Soil Biology and Biochemistry, 2012, 53, 56-63.	8.8	32
81	Towards modelling persistence of woodland birds: the role of genetics. Emu, 2011, 111, 19-39.	0.6	40
82	Decline of a biome: evolution, contraction, fragmentation, extinction and invasion of the Australian mesic zone biota. Journal of Biogeography, 2011, 38, 1635-1656.	3.0	324
83	Microhabitat preferences drive phylogeographic disparities in two Australian funnel web spiders. Biological Journal of the Linnean Society, 2011, 104, 805-819.	1.6	22
84	Assessing the benefits and risks of translocations in changing environments: a genetic perspective. Evolutionary Applications, 2011, 4, 709-725.	3.1	661
85	Velvet worms. Current Biology, 2011, 21, R238-R240.	3.9	8
86	Nuclear gene phylogeography using PHASE: dealing with unresolved genotypes, lost alleles, and systematic bias in parameter estimation. BMC Evolutionary Biology, 2010, 10, 118.	3.2	112
87	A revision of brain composition in Onychophora (velvet worms) suggests that the tritocerebrum evolved in arthropods. BMC Evolutionary Biology, 2010, 10, 255.	3.2	66
88	Beyond Roadkill, Radiotracking, Recapture and FST—a Review of Some Genetic Methods to Improve Understanding of the Influence of Roads on Wildlife. Ecology and Society, 2010, 15, .	2.3	30
89	Large Gaps in Canopy Reduce Road Crossing by a Gliding Mammal. Ecology and Society, 2010, 15, .	2.3	55
90	Early emergence in a butterfly causally linked to anthropogenic warming. Biology Letters, 2010, 6, 674-677.	2.3	68

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91	Inference of Population History by Coupling Exploratory and Model-Driven Phylogeographic Analyses. International Journal of Molecular Sciences, 2010, 11, 1190-1227.	4.1	32
92	Two behavioural traits promote fine-scale species segregation and moderate hybridisation in a recovering sympatric fur seal population. BMC Evolutionary Biology, 2010, 10, 143.	3.2	5
93	Single copy nuclear DNA markers for the onychophoran Phallocephale tallagandensis. Conservation Genetics Resources, 2009, 1, 17-19.	0.8	8
94	Chemical cues and group association preferences in a subsocial cockroach, Panesthia australis. Australian Journal of Zoology, 2009, 57, 385.	1.0	4
95	Mitochondrial DNA Indicates Late Pleistocene Divergence of Populations of Heteronympha merope, an Emerging Model in Environmental Change Biology. PLoS ONE, 2009, 4, e7950.	2.5	31
96	FINE-SCALE PHYLOGEOGRAPHIC CONGRUENCE DESPITE DEMOGRAPHIC INCONGRUENCE IN TWO LOW-MOBILITY SAPROXYLIC SPRINGTAILS. Evolution; International Journal of Organic Evolution, 2008, 62, 1103-1118.	2.3	129
97	Female dispersal and male kinshipâ€"based association in southern hairyâ€nosed wombats (<i>Lasiorhinus) Tj ETQq1 1 0.784314 rgBT	3.9	30
98	Babies and bathwater: a comment on the premature obituary for nested clade phylogeographical analysis. Molecular Ecology, 2008, 17, 1401-1403.	3.9	72
99	Evidence for habitat fragmentation altering withinâ€population processes in wombats. Molecular Ecology, 2008, 17, 1674-1684.	3.9	58
100	The Application of Genetic Markers to Landscape Management. , 2008, , 211-233.		25
101	Physiology Complements Population Structure of Two Endemic Log-Dwelling Beetles. Environmental Entomology, 2007, 36, 524-530.	1.4	2
102	Catchments catch all: long-term population history of a giant springtail from the southeast Australian highlands - a multigene approach. Molecular Ecology, 2007, 16, 1865-1882.	3.9	51
103	Lower reproductive success in hybrid fur seal males indicates fitness costs to hybridization. Molecular Ecology, 2007, 16, 3187-3197.	3.9	39
104	Multiple mating strategies explain unexpected genetic mixing of New Zealand fur seals with two congenerics in a recently recolonized population. Molecular Ecology, 2007, 16, 5267-5276.	3.9	15
105	Physiology Complements Population Structure of Two Endemic Log-Dwelling Beetles. Environmental Entomology, 2007, 36, 524-530.	1.4	2
106	GENOTYPING OF â€œCAPTUREDâ€•HAIRS REVEALS BURROW-USE AND RANGING BEHAVIOR OF SOUTHERN HAIRY-NOSED WOMBATS. Journal of Mammalogy, 2006, 87, 690-699.	1.3	33
107	Microsatellites reveal male recombination and neo-sex chromosome formation in Scaptodrosophila hibisci (Drosophilidae). Genetical Research, 2006, 87, 33-43.	0.9	5
108	Development and application of three-tiered nuclear genetic markers for basal Hexapods using single-stranded conformation polymorphism coupled with targeted DNA sequencing. , 2006, 7, 11.		23

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109	Temporal differentiation and spatial coexistence of sexual and facultative asexual lineages of an aphid species at mating sites. Journal of Evolutionary Biology, 2006, 19, 809-815.	1.7	32
110	Anonymous single-copy nuclear DNA (scnDNA) markers for two endemic log-dwelling beetles: Apasis puncticeps and Adelium calosomoides (Tenebrionidae: Lagriinae: Adeliini). Molecular Ecology Notes, 2006, 6, 362-364.	1.7	6
111	Polymorphic population genetic markers for the Australian wood cockroach Panesthia australis. Molecular Ecology Notes, 2006, 6, 765-766.	1.7	2
112	When log-dwellers meet loggers: impacts of forest fragmentation on two endemic log-dwelling beetles in southeastern Australia. Molecular Ecology, 2006, 15, 1481-1492.	3.9	38
113	MÃ©nage Ã trois on Macquarie Island: hybridization among three species of fur seal (Arctocephalus) Tj ETQq1 1 0.784314 rgBT /Over	3.9	71
114	A tale of two flatties: different responses of two terrestrial flatworms to past environmental climatic fluctuations at Tallaganda in montane southeastern Australia. Molecular Ecology, 2006, 15, 4513-4531.	3.9	79
115	Does soil type drive social organization in southern hairy-nosed wombats?. Molecular Ecology, 2006, 16, 199-208.	3.9	36
116	Phylogeography and environmental correlates of a cap on reproduction: teat number in a small marsupial, Antechinus agilis. Molecular Ecology, 2006, 16, 1069-1083.	3.9	16
117	Redescription of the Antarctic springtail Desoria klovstadi using morphological and molecular evidence. Polar Biology, 2006, 29, 820-830.	1.2	26
118	Testing the neutral theory of molecular evolution using genomic data: a comparison of the human and bovine transcriptome. Genetics Selection Evolution, 2006, 38, 321.	3.0	7
119	The genetic outcomes of sex and recombination in long-term functionally parthenogenetic lineages of Australian Sitobion aphids. Genetical Research, 2006, 87, 175-185.	0.9	12
120	Southern Hemisphere Springtails: Could Any Have Survived Glaciation of Antarctica?. Molecular Biology and Evolution, 2006, 23, 874-882.	8.9	148
121	When log-dwellers meet loggers: impacts of forest fragmentation on two endemic log-dwelling beetles in southeastern Australia. Molecular Ecology, 2006, .	3.9	0
122	A set of microsatellite markers for an endangered arboreal marsupial, Leadbeater's possum. Molecular Ecology Notes, 2005, 5, 796-799.	1.7	5
123	Phylogeography recapitulates topography: very fine-scale local endemism of a saproxylic â€˜giantâ€™ springtail at Tallaganda in the Great Dividing Range of south-east Australia. Molecular Ecology, 2004, 13, 3329-3344.	3.9	82
124	Evidence for gene flow and local clonal selection in field populations of the grain aphid (Sitobion) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	2.6	34
125	Inbreeding avoidance in Cunningham's skinks (Egernia cunninghami) in natural and fragmented habitat. Molecular Ecology, 2004, 13, 443-447.	3.9	84
126	High mate and site fidelity in Cunningham's skinks (Egernia cunninghami) in natural and fragmented habitat. Molecular Ecology, 2004, 13, 419-430.	3.9	76

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127	Cross-species amplification of microsatellite loci in aphids: assessment and application. Molecular Ecology Notes, 2004, 4, 104-109.	1.7	117
128	Pooling hair samples to increase DNA yield for PCR. Conservation Genetics, 2003, 4, 779-788.	1.5	22
129	Demographic monitoring of an entire species (the northern hairy-nosed wombat, Lasiorhinus krefftii) by genetic analysis of non-invasively collected material. Animal Conservation, 2003, 6, 101-107.	2.9	84
130	Environmentally related patterns of reproductive modes in the aphid Myzus persicae and the predominance of two â€˜superclonesâ€™ in Victoria, Australia. Molecular Ecology, 2003, 12, 3493-3504.	3.9	155
131	Explaining the coexistence of asexuals with their sexual progenitors: no evidence for general-purpose genotypes in obligate parthenogens of the peach-potato aphid, Myzus persicae. Ecology Letters, 2003, 6, 1091-1098.	6.4	56
132	Heritable genetic variation and potential for adaptive evolution in asexual aphids (Aphidoidea). Biological Journal of the Linnean Society, 2003, 79, 115-135.	1.6	93
133	PHYLOGENETIC EVIDENCE FOR HYBRID ORIGINS OF ASEXUAL LINEAGES IN AN APHID SPECIES. Evolution; International Journal of Organic Evolution, 2003, 57, 1291-1303.	2.3	106
134	PHYLOGENETIC EVIDENCE FOR HYBRID ORIGINS OF ASEXUAL LINEAGES IN AN APHID SPECIES. Evolution; International Journal of Organic Evolution, 2003, 57, 1291.	2.3	7
135	Lack of detectable genetic recombination on the X chromosome during the parthenogenetic production of female and male aphids. Genetical Research, 2002, 79, 203-209.	0.9	38
136	Segregation of autosomes during spermatogenesis in the peach-potato aphid (Myzus persicae) (Sulzer) (Hemiptera: Aphididae). Genetical Research, 2002, 79, 119-127.	0.9	7
137	A rapid fish radiation associated with the last sea-level changes in southern Brazil: the silversideOdontesthes perugiaecomplex. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 65-73.	2.6	95
138	Ecology and evolution of sex in aphids. Trends in Ecology and Evolution, 2002, 17, 34-39.	8.7	307
139	Migration and genetic structure of the grain aphid (Sitobion avenae) in Britain related to climate and clonal fluctuation as revealed using microsatellites. Molecular Ecology, 2002, 12, 21-34.	3.9	139
140	Isolation and characterization of 20 polymorphic microsatellite loci for Scaptodrosophila hibisci. Molecular Ecology Notes, 2002, 2, 242-244.	1.7	13
141	Microsatellite variation in cyclically parthenogenetic populations of Myzus persicae in south-eastern Australia. Heredity, 2002, 88, 258-266.	2.6	65
142	The impact of habitat fragmentation on dispersal of Cunninghamâ€™s skink (Egernia cunninghami): evidence from allelic and genotypic analyses of microsatellites. Molecular Ecology, 2001, 10, 867-878.	3.9	194
143	Fine-scale genetic structure, estuarine colonization and incipient speciation in the marine silverside fish Odontesthes argentinensis. Molecular Ecology, 2001, 10, 2849-2866.	3.9	158
144	Microsatellite isolation, linkage group identification and determination of recombination frequency in the peach-potato aphid, Myzus persicae (Sulzer) (Hemiptera: Aphididae). Genetical Research, 2001, 77, 251-60.	0.9	82

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145	Microsatellite loci isolated from Odontesthes argentinensis and the O. perugiae species group and their use in other South American silverside fish. Molecular Ecology, 2000, 9, 629-631.	3.9	49
146	Highly reliable genetic identification of individual northern hairy-nosed wombats from single remotely collected hairs: a feasible censusing method. Molecular Ecology, 2000, 9, 1233-1240.	3.9	119
147	SSCP is not so difficult: the application and utility of single-stranded conformation polymorphism in evolutionary biology and molecular ecology. Molecular Ecology, 2000, 9, 1699-1710.	3.9	327
148	Reproductive biology of the onychophoran Euperipatoides rowelli. Journal of Zoology, 2000, 250, 447-460.	1.7	39
149	A set of microsatellite loci for the hairy-nosed wombats (Lasiorhinus krefftii and L. latifrons). Conservation Genetics, 2000, 1, 89-92.	1.5	33
150	Efficient genetic markers for population biology. Trends in Ecology and Evolution, 2000, 15, 199-203.	8.7	708
151	Reply from P. Sunnucks. Trends in Ecology and Evolution, 2000, 15, 377.	8.7	1
152	Reproductive biology of the onychophoran Euperipatoides rowelli. Journal of Zoology, 2000, 250, 447-460.	1.7	5
153	Reproductive mode and population genetic structure of the cereal aphidSitobion avenaestudied using phenotypic and microsatellite markers. Molecular Ecology, 1999, 8, 531-545.	3.9	196
154	Molecular anatomy of an onychophoran: compartmentalized sperm storage and heterogeneous paternity. Molecular Ecology, 1999, 8, 1375-1385.	3.9	23
155	Microevolution, low clonal diversity and genetic affinities of parthenogenetic Sitobion aphids in New Zealand. Molecular Ecology, 1999, 8, 1655-1666.	3.9	100
156	Retention of reproductive barriers and ecological differences between two introduced sympatric Macropus spp. in New Zealand. Animal Conservation, 1999, 2, 195-202.	2.9	16
157	Use of genetic data for conservation management: the case of the Arabian oryx. Animal Conservation, 1999, 2, 269-278.	2.9	41
158	Microsatellite markers for the onychophoran Euperipatoides rowelli. Molecular Ecology, 1999, 8, 899-900.	3.9	21
159	Different responses to temperature in three closely-related sympatric cereal aphids. Entomologia Experimentalis Et Applicata, 1998, 86, 49-58.	1.4	21
160	Evolution of an ecological trait in parthenogenetic Sitobion aphids. Heredity, 1998, 81, 638-647.	2.6	40
161	Evolution of mitotic cell-lineages in multicellular organisms. Trends in Ecology and Evolution, 1998, 13, 117-120.	8.7	52
162	Avoidance of novel objects by rabbits (Oryctolagus cuniculus L.). Wildlife Research, 1998, 25, 273.	1.4	15

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163	Evolution of an ecological trait in parthenogenetic Sitobion aphids. Heredity, 1998, 81, 638-647.	2.6	7
164	Sex of Pouch Young Related to Maternal Weight in Macropus eugenii and M. parma (Marsupialia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	18
165	Biological and genetic characterization of morphologically similar Therioaphis trifolii (Hemiptera: Aphididae) with different host utilization. Bulletin of Entomological Research, 1997, 87, 425-436.	1.0	62
166	SHORT PAPER Random loss of X chromosome at male determination in an aphid, Sitobion near fragariae, detected using an X-linked polymorphic microsatellite marker. Genetical Research, 1997, 69, 233-236.	0.9	66
167	Relatedness structure detected by microsatellite analysis and attempted pedigree reconstruction in an endangered marsupial, the northern hairyâ€nosed wombat Lasiorhinus krefftii. Molecular Ecology, 1997, 6, 9-19.	3.9	83
168	Genetic structure of an aphid studied using microsatellites: cyclic parthenogenesis, differentiated lineages and host specialization. Molecular Ecology, 1997, 6, 1059-1073.	3.9	207
169	Numerous transposed sequences of mitochondrial cytochrome oxidase I-II in aphids of the genus Sitobion (Hemiptera: Aphididae). Molecular Biology and Evolution, 1996, 13, 510-524.	8.9	1,008
170	Microsatellite and Chromosome Evolution of Parthenogenetic Sitobion Aphids in Australia. Genetics, 1996, 144, 747-756.	2.9	145
171	Host Plant Relationships of Aphis gossypii Glover (Hemiptera: Aphididae) in Australia. Australian Journal of Entomology, 1995, 34, 265-271.	1.1	30
172	Genetic consequences of an invasion through a patchy environment â€" the cynipid gallwasp Andricus quercuscalicis (Hymenoptera: Cynipidae). Molecular Ecology, 1993, 2, 251-268.	3.9	113
173	Applications of molecular ecology to IPM: what impact?. , 0, , 469-521.		0