

# Jeremy J Austin

## List of Publications by Citations

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|--------------------|-------------------------|---------------|----------------|
| 137<br>papers      | 4,879<br>citations      | 37<br>h-index | 67<br>g-index  |
| 145<br>ext. papers | 5,623<br>ext. citations | 5<br>avg, IF  | 5.3<br>L-index |

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 137 | Fifty thousand years of Arctic vegetation and megafaunal diet. <i>Nature</i> , <b>2014</b> , 506, 47-51   | 50.4 | 351       |
| 136 | Complete mitochondrial genome sequences of two extinct moas clarify ratite evolution. <i>Nature</i> , <b>2001</b> , 409, 704-7  | 50.4 | 332       |
| 135 | Novel high-resolution characterization of ancient DNA reveals C > U-type base modification events as the sole cause of post mortem miscoding lesions. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, 5717-28               | 20.1 | 190       |
| 134 | Multiple geographic origins of commensalism and complex dispersal history of Black Rats. <i>PLoS ONE</i> , <b>2011</b> , 6, e26357  | 3.7  | 189       |
| 133 | Prevalence and differential host-specificity of two avian blood parasite genera in the Australo-Papuan region. <i>Molecular Ecology</i> , <b>2004</b> , 13, 3829-44   | 5.7  | 187       |
| 132 | Ancient DNA reveals late survival of mammoth and horse in interior Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 22352-7                                | 11.5 | 170       |
| 131 | Novel <i>Psychrobacter</i> species from Antarctic ornithogenic soils. <i>International Journal of Systematic Bacteriology</i> , <b>1996</b> , 46, 841-8   |      | 146       |
| 130 | Molecular phylogeny, biogeography, and habitat preference evolution of marsupials. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 2322-30   | 8.3  | 137       |
| 129 | Flight of the dodo. <i>Science</i> , <b>2002</b> , 295, 1683  | 33.3 | 122       |
| 128 | Late-Quaternary biogeographic scenarios for the brown bear ( <i>Ursus arctos</i> ), a wild mammal model species. <i>Quaternary Science Reviews</i> , <b>2011</b> , 30, 418-430  | 3.9  | 121       |
| 127 | Revising the recent evolutionary history of equids using ancient DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 21754-9                                     | 11.5 | 112       |
| 126 | Using ancient DNA to study the origins and dispersal of ancestral Polynesian chickens across the Pacific. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 4826-31 | 11.5 | 110       |
| 125 | Problems of reproducibility--does geologically ancient DNA survive in amber-preserved insects?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>1997</b> , 264, 467-74                                    | 4.4  | 110       |
| 124 | Palaeontology in a molecular world: the search for authentic ancient DNA. <i>Trends in Ecology and Evolution</i> , <b>1997</b> , 12, 303-6  | 10.9 | 91        |
| 123 | Reconstructing an island radiation using ancient and recent DNA: the extinct and living day geckos ( <i>Phelsuma</i> ) of the Mascarene islands. <i>Molecular Phylogenetics and Evolution</i> , <b>2004</b> , 31, 109-22      | 4.1  | 91        |
| 122 | Teeth as a source of DNA for forensic identification of human remains: a review. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2013</b> , 53, 433-41  | 2    | 85        |
| 121 | Synergistic roles of climate warming and human occupation in Patagonian megafaunal extinctions during the Last Deglaciation. <i>Science Advances</i> , <b>2016</b> , 2, e1501682  | 14.3 | 81        |

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|-----|--|------|----|
| 120 | Perched at the mito-nuclear crossroads: divergent mitochondrial lineages correlate with environment in the face of ongoing nuclear gene flow in an Australian bird. <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 3412-28 | 3.8  | 81 |
| 119 | Relict or colonizer? Extinction and range expansion of penguins in southern New Zealand. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 276, 815-21  | 4.4  | 80 |
| 118 | DNA capture and next-generation sequencing can recover whole mitochondrial genomes from highly degraded samples for human identification. <i>Investigative Genetics</i> , <b>2013</b> , 4, 26  |      | 78 |
| 117 | Indo-European and Asian origins for Chilean and Pacific chickens revealed by mtDNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 10308-13   | 11.5 | 78 |
| 116 | A new dolphin species, the Burrnun Dolphin Tursiops australis sp. nov., endemic to southern Australian coastal waters. <i>PLoS ONE</i> , <b>2011</b> , 6, e24047   | 3.7  | 76 |
| 115 | Coprolite deposits reveal the diet and ecology of the extinct New Zealand megaherbivore moa (Aves, Dinornithiformes). <i>Quaternary Science Reviews</i> , <b>2008</b> , 27, 2593-2602  | 3.9  | 76 |
| 114 | Substitutions in woolly mammoth hemoglobin confer biochemical properties adaptive for cold tolerance. <i>Nature Genetics</i> , <b>2010</b> , 42, 536-40  | 36.3 | 74 |
| 113 | Ancient mitochondrial DNA and morphology elucidate an extinct island radiation of Indian Ocean giant tortoises (Cylindraspis). <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2001</b> , 268, 2515-23                                   | 4.4  | 61 |
| 112 | Was there a second adaptive radiation of giant tortoises in the Indian Ocean? Using mitochondrial DNA to investigate speciation and biogeography of Aldabrachelys (Reptilia, Testudinidae). <i>Molecular Ecology</i> , <b>2003</b> , 12, 1415-24             | 5.7  | 58 |
| 111 | Ancient mitochondrial DNA reveals convergent evolution of giant short-faced bears (Tremarctinae) in North and South America. <i>Biology Letters</i> , <b>2016</b> , 12,  | 3.6  | 57 |
| 110 | Extensive population decline in the Tasmanian devil predates European settlement and devil facial tumour disease. <i>Biology Letters</i> , <b>2014</b> , 10, 20140619  | 3.6  | 54 |
| 109 | Differential nuclear and mitochondrial DNA preservation in post-mortem teeth with implications for forensic and ancient DNA studies. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126935  | 3.7  | 53 |
| 108 | Ancient DNA identifies post-glacial recolonisation, not recent bottlenecks, as the primary driver of contemporary mtDNA phylogeography and diversity in Scandinavian brown bears. <i>Diversity and Distributions</i> , <b>2013</b> , 19, 245-256             | 5    | 52 |
| 107 | Diversification patterns of pebble-mimic dragons are consistent with historical disruption of important habitat corridors in arid Australia. <i>Molecular Phylogenetics and Evolution</i> , <b>2008</b> , 48, 528-42   | 4.1  | 51 |
| 106 | Phylogeography of an east Australian wet-forest bird, the satin bowerbird (Ptilonorhynchus violaceus), derived from mtDNA, and its relationship to morphology. <i>Molecular Ecology</i> , <b>2005</b> , 14, 1485-96  | 5.7  | 48 |
| 105 | Assessing morphological and DNA-based diet analysis techniques in a generalist predator, the arrow squid Nototodarus gouldi. <i>Molecular Ecology Resources</i> , <b>2010</b> , 10, 466-74   | 8.4  | 47 |
| 104 | A GLOBAL MOLECULAR PHYLOGENY OF THE SMALL PUFFINUS SHEARWATERS AND IMPLICATIONS FOR SYSTEMATICS OF THE LITTLE-AUDUBON'S SHEARWATER COMPLEX. <i>Auk</i> , <b>2004</b> , 121, 847  | 2.1  | 44 |
| 103 | Low major histocompatibility complex diversity in the Tasmanian devil predates European settlement and may explain susceptibility to disease epidemics. <i>Biology Letters</i> , <b>2013</b> , 9, 20120900   | 3.6  | 40 |

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|-----|---|------|----|
| 102 | A cryptic and critically endangered species revealed by mitochondrial DNA analyses: the Western Ground Parrot. <i>Conservation Genetics</i> , <b>2011</b> , 12, 595-600   | 2.6  | 37 |
| 101 | Phylogenetics of the pademelons (Macropodidae: Thylogale) and historical biogeography of the Australo-Papuan region. <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 57, 1134-48                                   | 4.1  | 37 |
| 100 | Population-Genetic Structure of a Philopatric, Colonially Nesting Seabird, the Short-Tailed Shearwater ( <i>Puffinus tenuirostris</i> ). <i>Auk</i> , <b>1994</b> , 111, 70-79  | 2.1  | 37 |
| 99  | The effect of climate and environmental change on the megafaunal moa of New Zealand in the absence of humans. <i>Quaternary Science Reviews</i> , <b>2012</b> , 50, 141-153   | 3.9  | 35 |
| 98  | A Global Molecular Phylogeny of the Small Puffinus Shearwaters and Implications for Systematics of the Little-Audubon's Shearwater Complex. <i>Auk</i> , <b>2004</b> , 121, 847-864   | 2.1  | 35 |
| 97  | The origins of the enigmatic Falkland Islands wolf. <i>Nature Communications</i> , <b>2013</b> , 4, 1552  | 17.4 | 33 |
| 96  | Incorporating historical museum specimens into molecular systematic and conservation genetics research. <i>Molecular Ecology Notes</i> , <b>2006</b> , 6, 1089-1092   |      | 33 |
| 95  | Historical stocking data and 19th century DNA reveal human-induced changes to native diversity and distribution of cutthroat trout. <i>Molecular Ecology</i> , <b>2012</b> , 21, 5194-207                                       | 5.7  | 29 |
| 94  | Evolutionary history of the Falklands wolf. <i>Current Biology</i> , <b>2009</b> , 19, R937-8   | 6.3  | 29 |
| 93  | Low frequency of extra-pair paternity in two colonies of the socially monogamous short-tailed shearwater <i>Puffinus tenuirostris</i> . <i>Molecular Ecology</i> , <b>1996</b> , 5, 145-150                                     | 5.7  | 29 |
| 92  | Molecular phylogenetics of <i>Puffinus</i> shearwaters: preliminary evidence from mitochondrial cytochrome b gene sequences. <i>Molecular Phylogenetics and Evolution</i> , <b>1996</b> , 6, 77-88                              | 4.1  | 27 |
| 91  | Radiocarbon-dating and ancient DNA reveal rapid replacement of extinct prehistoric penguins. <i>Quaternary Science Reviews</i> , <b>2015</b> , 112, 59-65   | 3.9  | 26 |
| 90  | Targeted sampling of cementum for recovery of nuclear DNA from human teeth and the impact of common decontamination measures. <i>Investigative Genetics</i> , <b>2013</b> , 4, 18   |      | 24 |
| 89  | Using ancient and recent DNA to explore relationships of extinct and endangered <i>Leiopisma</i> skinks (Reptilia: Scincidae) in the Mascarene islands. <i>Molecular Phylogenetics and Evolution</i> , <b>2006</b> , 39, 503-11 | 4.1  | 24 |
| 88  | A quantitative assessment of a reliable screening technique for the STR analysis of telogen hair roots. <i>Forensic Science International: Genetics</i> , <b>2013</b> , 7, 180-8  | 4.3  | 23 |
| 87  | High-quality fossil dates support a synchronous, Late Holocene extinction of devils and thylacines in mainland Australia. <i>Biology Letters</i> , <b>2018</b> , 14,  | 3.6  | 22 |
| 86  | Spatio-temporal changes in the structure of an Australian frog hybrid zone: a 40-year perspective. <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 3442-54                                     | 3.8  | 22 |
| 85  | Structure and fragmentation of growling grass frog metapopulations. <i>Conservation Genetics</i> , <b>2013</b> , 14, 313-322  | 2.6  | 22 |

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|----|--|-----|----|
| 84 | Soil DNA metabarcoding and high-throughput sequencing as a forensic tool: considerations, potential limitations and recommendations. <i>FEMS Microbiology Ecology</i> , <b>2017</b> , 93,  | 4.3 | 22 |
| 83 | Major analytical and conceptual shortcomings in a recent taxonomic revision of the Procellariiformes—reply to Penhallurick and Wink (2004). <i>Emu</i> , <b>2005</b> , 105, 181-186  | 1.1 | 22 |
| 82 | Long-term genetic consequences of mammal reintroductions into an Australian conservation reserve. <i>Biological Conservation</i> , <b>2018</b> , 219, 1-11   | 6.2 | 21 |
| 81 | Phylogeography of the pademelons (Marsupialia: Macropodidae: Thylogale) in New Guinea reflects both geological and climatic events during the Plio-Pleistocene. <i>Journal of Biogeography</i> , <b>2011</b> , 38, 1732-1747                           | 4.1 | 21 |
| 80 | Uncovering cryptic evolutionary diversity in extant and extinct populations of the southern Australian arid zone Western and Thick-billed Grasswrens (Passeriformes: Maluridae: Amytornis). <i>Conservation Genetics</i> , <b>2013</b> , 14, 1173-1184 | 2.6 | 20 |
| 79 | Genetic erosion and escalating extinction risk in frogs with increasing wildfire frequency. <i>Journal of Applied Ecology</i> , <b>2017</b> , 54, 945-954  | 5.8 | 19 |
| 78 | Evolution of arid zone birds in Australia: leapfrog distribution patterns and mesic-arid connections in quail-thrush (Cinclosoma, Cinclosomatidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2012</b> , 62, 286-95                            | 4.1 | 19 |
| 77 | Molecular patterns of introgression in a classic hybrid zone between the Australian tree frogs, <i>Litoria ewingii</i> and <i>L. paraewingii</i> : evidence of a tension zone. <i>Molecular Ecology</i> , <b>2013</b> , 22, 1869-83                    | 5.7 | 18 |
| 76 | Dentine and cementum as sources of nuclear DNA for use in human identification. <i>Australian Journal of Forensic Sciences</i> , <b>2011</b> , 43, 287-295   | 1.1 | 18 |
| 75 | Ancient mitochondrial genomes reveal the demographic history and phylogeography of the extinct, enigmatic thylacine ( <i>Thylacinus cynocephalus</i> ). <i>Journal of Biogeography</i> , <b>2018</b> , 45, 1-13  | 4.1 | 17 |
| 74 | Forensic touch DNA recovery from metal surfaces - A review. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2020</b> , 60, 206-215   | 2   | 16 |
| 73 | Using DNA from museum specimens to preserve the integrity of evolutionarily significant unit boundaries in threatened species. <i>Biological Conservation</i> , <b>2011</b> , 144, 290-297   | 6.2 | 16 |
| 72 | Reduced reaction volumes and increased Taq DNA polymerase concentration improve STR profiling outcomes from a real-world low template DNA source: telogen hairs. <i>Forensic Science, Medicine, and Pathology</i> , <b>2015</b> , 11, 326-38           | 1.5 | 15 |
| 71 | Genetic diversity and drivers of dwarfism in extinct island emu populations. <i>Biology Letters</i> , <b>2018</b> , 14,  | 3.6 | 14 |
| 70 | Ancient DNA tracks the mainland extinction and island survival of the Tasmanian devil. <i>Journal of Biogeography</i> , <b>2018</b> , 45, 963-976  | 4.1 | 14 |
| 69 | Conservation genetics and species status of an endangered Australian dragon, <i>Tympanocryptis pinguicolla</i> (Reptilia: Agamidae). <i>Conservation Genetics</i> , <b>2006</b> , 8, 185-195   | 2.6 | 13 |
| 68 | A mitochondrial 12S and 16S rRNA phylogeny of critical genera of Phoridae (Diptera) and related families of Aschiza. <i>Zootaxa</i> , <b>2004</b> , 593, 1   | 0.5 | 13 |
| 67 | East African origins for Madagascan chickens as indicated by mitochondrial DNA. <i>Royal Society Open Science</i> , <b>2017</b> , 4, 160787  | 3.3 | 12 |

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|----|--|------|----|
| 66 | Reply to Storey et al.: More DNA and dating studies needed for ancient El Arenal-1 chickens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, E100-E100   | 11.5 | 12 |
| 65 | Detecting Selection on Temporal and Spatial Scales: A Genomic Time-Series Assessment of Selective Responses to Devil Facial Tumor Disease. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147875  | 3.7  | 12 |
| 64 | Norfolk Island Robins are a distinct endangered species: ancient DNA unlocks surprising relationships and phenotypic discordance within the Australo-Pacific Robins. <i>Conservation Genetics</i> , <b>2016</b> , 17, 321-335                              | 2.6  | 11 |
| 63 | Disease induced changes in gene flow patterns among Tasmanian devil populations. <i>Biological Conservation</i> , <b>2013</b> , 165, 69-78   | 6.2  | 11 |
| 62 | Movements and habitat use of the night parrot <i>Pezoporus occidentalis</i> in south-western Queensland. <i>Austral Ecology</i> , <b>2017</b> , 42, 858-868  | 1.5  | 11 |
| 61 | The Biarzo case in northern Italy: is the temporal dynamic of swine mitochondrial DNA lineages in Europe related to domestication?. <i>Scientific Reports</i> , <b>2015</b> , 5, 16514   | 4.9  | 11 |
| 60 | Isolation of polymorphic tetranucleotide microsatellite markers for the large-billed scrubwren ( <i>Sericornis magnirostris</i> ). <i>Molecular Ecology Notes</i> , <b>2005</b> , 5, 143-145   |      | 11 |
| 59 | The Provenance of Type Specimens of Extinct Mascarene Island Giant Tortoises ( <i>Cylindraspis</i> ) Revealed by Ancient Mitochondrial DNA Sequences. <i>Journal of Herpetology</i> , <b>2002</b> , 36, 280-285  | 1.1  | 11 |
| 58 | Distinctiveness of Pacific Robin subspecies in Vanuatu revealed from disparate patterns of sexual dichromatism, plumage colouration, morphometrics and ancient DNA. <i>Emu</i> , <b>2015</b> , 115, 89-98  | 1.1  | 10 |
| 57 | Genetic-Evidence for Extra-Pair Fertilizations in Socially Monogamous Short-Tailed Shearwaters, <i>Puffinus-Tenuirostris</i> (Procellariiformes, Procellariidae), Using Dna Fingerprinting. <i>Australian Journal of Zoology</i> , <b>1993</b> , 41, 1     | 0.5  | 10 |
| 56 | Observations on breeding Night Parrots ( <i>Pezoporus occidentalis</i> ) in western Queensland. <i>Emu</i> , <b>2017</b> , 117, 107-113  | 1.1  | 9  |
| 55 | Singleplex quantitative real-time PCR for the assessment of human mitochondrial DNA quantity and quality. <i>Forensic Science, Medicine, and Pathology</i> , <b>2018</b> , 14, 70-75   | 1.5  | 9  |
| 54 | Rapid species identification of eight sympatric northern Australian macropods from faecal-pellet DNA. <i>Wildlife Research</i> , <b>2013</b> , 40, 241   | 1.8  | 9  |
| 53 | A NEW SPECIES OF CTENOPHORUS (LACERTILIA: AGAMIDAE) FROM LAKE DISAPPOINTMENT, WESTERN AUSTRALIA. <i>Herpetologica</i> , <b>2007</b> , 63, 72-86  | 1.9  | 9  |
| 52 | Ancient DNA reveals complexity in the evolutionary history and taxonomy of the endangered Australian brush-tailed bettongs ( <i>Bettongia</i> : Marsupialia: Macropodidae: Potoroinae). <i>Biodiversity and Conservation</i> , <b>2016</b> , 25, 2907-2927 | 3.4  | 9  |
| 51 | Genetic divergence between colonies of Flesh-footed Shearwater <i>Ardenna carneipes</i> exhibiting different foraging strategies. <i>Conservation Genetics</i> , <b>2018</b> , 19, 27-41   | 2.6  | 8  |
| 50 | Reply to Beavan, Bryant, and Storey and Matisoo-Smith: Ancestral Polynesian DNA haplotypes reflect authentic Pacific chicken lineages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E3585-6 | 11.5 | 8  |
| 49 | Did postglacial sea-level changes initiate the evolutionary divergence of a Tasmanian endemic raptor from its mainland relative?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20132448                             | 11.4 | 8  |



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|----|--|-----|---|
| 48 | Single copy nuclear DNA markers for the onychophoran <i>Phallocephale tallagandensis</i> . <i>Conservation Genetics Resources</i> , <b>2009</b> , 1, 17-19   | 0.8 | 8 |
| 47 | Hybridization Enrichment to Improve Forensic Mitochondrial DNA Analysis of Highly Degraded Human Remains. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,   | 3.7 | 8 |
| 46 | Origins of endemic island tortoises in the western Indian Ocean: a critique of the human-translocation hypothesis. <i>Journal of Biogeography</i> , <b>2017</b> , 44, 1430-1435  | 4.1 | 7 |
| 45 | Cryptic grey-bellied dunnart ( <i>Sminthopsis griseoventer</i> ) discovered in South Australia: genetic, morphological and subfossil analyses show the value of collecting voucher material. <i>Australian Journal of Zoology</i> , <b>2011</b> , 59, 127                            | 0.5 | 7 |
| 44 | Polymorphic microsatellite markers in the painted dragon lizard, <i>Ctenophorus pictus</i> . <i>Molecular Ecology Notes</i> , <b>2006</b> , 6, 194-196   |     | 7 |
| 43 | Phylogeography of the antilopine wallaroo () across tropical northern Australia. <i>Ecology and Evolution</i> , <b>2016</b> , 6, 8050-8061   | 2.8 | 6 |
| 42 | Low-cost cross-taxon enrichment of mitochondrial DNA using in-house synthesised RNA probes. <i>PLoS ONE</i> , <b>2019</b> , 14, e0209499   | 3.7 | 5 |
| 41 | European and Asian contribution to the genetic diversity of mainland South American chickens. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 191558  | 3.3 | 5 |
| 40 | Improving genetic monitoring of the northern hairy-nosed wombat ( <i>Lasiorhinus krefftii</i> ). <i>Australian Journal of Zoology</i> , <b>2014</b> , 62, 246  | 0.5 | 5 |
| 39 | A case for realigning species limits in the southern Australian whipbirds long recognised as the Western Whipbird ( <i>Psophodes nigrogularis</i> ). <i>Emu</i> , <b>2017</b> , 117, 254-263   | 1.1 | 4 |
| 38 | A mini-multiplex SNaPshot assay for the triage of degraded human DNA. <i>Forensic Science International: Genetics</i> , <b>2018</b> , 34, 62-70  | 4.3 | 4 |
| 37 | Evaluation of carrier RNA and low volume demineralization for recovery of nuclear DNA from human teeth. <i>Forensic Science, Medicine, and Pathology</i> , <b>2014</b> , 10, 56-61   | 1.5 | 4 |
| 36 | Population genetic and behavioural variation of the two remaining colonies of Providence petrel ( <i>Pterodroma solandri</i> ). <i>Conservation Genetics</i> , <b>2017</b> , 18, 117-129   | 2.6 | 4 |
| 35 | Genetic inference as a method for modelling occurrence: A viable alternative to visual surveys. <i>Austral Ecology</i> , <b>2014</b> , 39, 952-962   | 1.5 | 4 |
| 34 | 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> , <b>2011</b> , 3, 593-595   | 0.8 | 4 |
| 33 | Isolation and characterization of microsatellite markers for the <i>Litoria ewingii</i> complex and their use in conservation and hybridization studies. <i>Conservation Genetics Resources</i> , <b>2011</b> , 3, 621-624   | 0.8 | 4 |
| 32 | Isolation of polymorphic tetranucleotide microsatellite markers in the satin bowerbird, <i>Ptilonorhynchus violaceus</i> . <i>Molecular Ecology Notes</i> , <b>2005</b> , 5, 305-307   |     | 4 |
| 31 | Female-Specific Restriction Fragments Revealed by Dna-Fingerprinting and Implications for Extra-Pair Fertilisations in the Short-Tailed Shearwater ( <i>Puffinus tenuirostris</i> , Procellariiformes, Procellariidae). <i>Australian Journal of Zoology</i> , <b>1995</b> , 43, 443 | 0.5 | 4 |

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|----|---|-----|---|
| 30 | Intrinsic factors drive spatial genetic variation in a highly vagile species, the wedge-tailed eagle <i>Aquila audax</i> , in Tasmania. <i>Journal of Avian Biology</i> , <b>2017</b> , 48, 1025-1034   | 1.9 | 3 |
| 29 | GENETIC POPULATION STRUCTURE AND CALL VARIATION IN A PASSERINE BIRD, THE SATIN BOWERBIRD, <i>PTILONORHYNCHUS VIOLACEUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2006</b> , 60, 1279  | 3.8 | 3 |
| 28 | The only known egg of the Night Parrot? A molecular and morphometric assessment of an alleged egg from the Tanami Desert33, 211-214   |     | 3 |
| 27 | Genetic monitoring of the greater stick-nest rat meta-population for strategic supplementation planning. <i>Conservation Genetics</i> , <b>2020</b> , 21, 941-956   | 2.6 | 3 |
| 26 | Evaluation of the efficiency of Isohelix and Rayon swabs for recovery of DNA from metal surfaces. <i>Forensic Science, Medicine, and Pathology</i> , <b>2021</b> , 17, 199-207  | 1.5 | 3 |
| 25 | Integrating spectrophotometric and XRD analyses in the investigation of burned dental remains. <i>Forensic Science International</i> , <b>2020</b> , 310, 110236  | 2.6 | 2 |
| 24 | Complex mosaic of sexual dichromatism and monochromatism in Pacific robins results from both gains and losses of elaborate coloration. <i>Journal of Avian Biology</i> , <b>2020</b> , 51,  | 1.9 | 2 |
| 23 | Twenty microsatellite loci for population and conservation genetic studies of the wedge-tailed eagle ( <i>Aquila audax</i> ). <i>Australian Journal of Zoology</i> , <b>2014</b> , 62, 235  | 0.5 | 2 |
| 22 | Characterization of polymorphic microsatellites in the logrunner, <i>Orthonyx temminckii</i> (Aves: Orthonychidae). <i>Molecular Ecology Notes</i> , <b>2007</b> , 7, 1117-1119   |     | 2 |
| 21 | Chapter 12 Valid Recovery of Nucleic Acid Sequence Information from High Contamination Risk Samples Ancient DNA and Environmental DNA. <i>Perspectives in Bioanalysis</i> , <b>2007</b> , 357-371   |     | 2 |
| 20 | Soil DNA: advances in DNA technology offer a powerful new tool for forensic science. <i>Geological Society Special Publication</i> , <b>2019</b> , SP492-2017-351   | 1.7 | 2 |
| 19 | Demographic trends and reproductive patterns in the northern hairy-nosed wombat ( <i>Lasiorhinus krefftii</i> ) at Epping Forest National Park (Scientific), central Queensland. <i>Australian Mammalogy</i> , <b>2021</b> , 43, 72   | 1.1 | 2 |
| 18 | Relict or reintroduction? Genetic population assignment of three Tasmanian devils () recovered on mainland Australia. <i>Royal Society Open Science</i> , <b>2017</b> , 4, 170053   | 3.3 | 1 |
| 17 | Genetic diversity through time and space: diversity and demographic history from natural history specimens and serially sampled contemporary populations of the threatened Gouldian finch ( <i>Erythrura gouldiae</i> ). <i>Conservation Genetics</i> , <b>2018</b> , 19, 737-754 | 2.6 | 1 |
| 16 | Single primer extension (SPEX) amplification to accurately genotype highly damaged DNA templates. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2008</b> , 1, 19-21  | 0.5 | 1 |
| 15 | Process-explicit models reveal pathway to extinction for woolly mammoth using pattern-oriented validation. <i>Ecology Letters</i> , <b>2022</b> , 25, 125-137   | 10  | 1 |
| 14 | Comparison of Isohelix and Rayon swabbing systems for touch DNA recovery from metal surfaces. <i>Forensic Science, Medicine, and Pathology</i> , <b>2021</b> , 17, 577-584  | 1.5 | 1 |
| 13 | Genomic Approaches for Conservation Management in Australia under Climate Change. <i>Life</i> , <b>2021</b> , 11,   | 3   | 1 |



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| 12 | Ancient DNA resolves the subspecific identity of the holotype of the Galah <i>Eolophus roseicapilla</i> , a widespread Australian cockatoo. <i>Emu</i> , <b>2016</b> , 116, 472-475   | 1.1 | 1 |
| 11 | Using ancient DNA to quantify losses of genetic and species diversity in seabirds: a case study of <i>Pterodroma</i> petrels from a Pacific island. <i>Biodiversity and Conservation</i> , <b>2020</b> , 29, 2361-2375                    | 3.4 | 1 |
| 10 | Humans hastened the range collapse and extinction of woolly mammoth   |     | 1 |
| 9  | A Global Molecular Phylogeny of the Small <i>Puffinus</i> Shearwaters and Implications for Systematics of the Little-Audubon's Shearwater Complex. <i>Auk</i> , <b>2004</b> , 121, 847-864  | 2.1 | 0 |
| 8  | Using mitochondrial DNA to identify the provenance of 19th century Kookaburra skins held in Australia's oldest natural history collection, the Macleay. <i>Emu</i> , 1-11   | 1.1 | 0 |
| 7  | The development of a tool to predict temperature-exposure of incinerated teeth using colourimetric and hydroxyapatite crystal size data. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 2045-2053                    | 3.1 | 0 |
| 6  | Unveiling forensically relevant biogeographic, phenotype and Y-chromosome SNP variation in Pakistani ethnic groups using a customized hybridisation enrichment forensic intelligence panel.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264125 | 3.7 | 0 |
| 5  | Nucleic Acid Sample Preparation from Teeth/Dental Remains. <i>Springer Protocols</i> , <b>2016</b> , 183-193  | 0.3 |   |
| 4  | Fifteen microsatellite loci for use in non-invasive sampling studies of the antilopine wallaroo ( <i>Macropus antilopinus</i> ). <i>Australian Journal of Zoology</i> , <b>2013</b> , 61, 399   | 0.5 |   |
| 3  | Isolation of polymorphic tetranucleotide microsatellite markers for the grey-headed robin ( <i>Poecilodryas albispecularis</i> ). <i>Molecular Ecology Notes</i> , <b>2005</b> , 5, 146-148   |     |   |
| 2  | Freeze-drying improves DNA yield from teeth. <i>Forensic Science International</i> , <b>2021</b> , 326, 110938  | 2.6 |   |
| 1  | Commensals/Domesticates on Rapa Nui: What Can Their Phylogeographic Patterns Tell Us About the Discovery and Settlement of the Island?. <i>Developments in Paleoenvironmental Research</i> , <b>2022</b> , 41-62                          |     |   |