

W Amos

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

7,150
citations

94433

37
h-index

123424

61
g-index

63
all docs

63
docs citations

63
times ranked

7442
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated binning of microsatellite alleles: problems and solutions. <i>Molecular Ecology Notes</i> , 2006, 7, 10-14.	1.7	682
2	Y-Chromosomal Diversity in Europe Is Clinal and Influenced Primarily by Geography, Rather than by Language. <i>American Journal of Human Genetics</i> , 2000, 67, 1526-1543.	6.2	519
3	The influence of parental relatedness on reproductive success. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2021-2027.	2.6	467
4	Does heterozygosity estimate inbreeding in real populations?. <i>Molecular Ecology</i> , 2004, 13, 3021-3031.	3.9	412
5	Microsatellite genotyping errors: detection approaches, common sources and consequences for paternal exclusion. <i>Molecular Ecology</i> , 2005, 14, 599-612.	3.9	411
6	When does conservation genetics matter?. <i>Heredity</i> , 2001, 87, 257-265.	2.6	372
7	Microsatellite evolution "evidence for directionality and variation in rate between species. <i>Nature Genetics</i> , 1995, 10, 337-343.	21.4	348
8	Factors affecting levels of genetic diversity in natural populations. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998, 353, 177-186.	4.0	298
9	Genetic susceptibility to tuberculosis in Africans: A genome-wide scan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 8005-8009.	7.1	275
10	Microsatellite markers for the study of cetacean populations. <i>Molecular Ecology</i> , 1996, 5, 151-156.	3.9	267
11	Molecular scatology: the use of molecular genetic analysis to assign species, sex and individual identity to seal faeces. <i>Molecular Ecology</i> , 1997, 6, 225-234.	3.9	217
12	Microsatellite variation in grey seals (<i>Halichoerus grypus</i>) shows evidence of genetic differentiation between two British breeding colonies. <i>Molecular Ecology</i> , 1995, 4, 653-662.	3.9	205
13	Microsatellites show mutational bias and heterozygote instability. <i>Nature Genetics</i> , 1996, 13, 390-391.	21.4	188
14	Female fur seals show active choice for males that are heterozygous and unrelated. <i>Nature</i> , 2007, 445, 912-914.	27.8	169
15	Behavioral, ecological, and molecular genetic analyses of reproductive strategies in the Amazonian dart-poison frog, <i>Dendrobates ventrimaculatus</i> . <i>Behavioral Ecology</i> , 1997, 8, 260-267.	2.2	161
16	Mutational bias provides a model for the evolution of Huntington's disease and predicts a general increase in disease prevalence. <i>Nature Genetics</i> , 1994, 7, 525-530.	21.4	141
17	Where have all the fathers gone? An extensive microsatellite analysis of paternity in the grey seal (<i>Halichoerus grypus</i>). <i>Molecular Ecology</i> , 1999, 8, 1417-1429.	3.9	141
18	Network analysis of human Y microsatellite haplotypes. <i>Human Molecular Genetics</i> , 1996, 5, 1759-1766.	2.9	116

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19	Population structure of long-finned pilot whales in the North Atlantic: a correlation with sea surface temperature?. <i>Molecular Ecology</i> , 2000, 9, 949-958.	3.9	84
20	Dispersal, philopatry and intergroup relatedness: fine-scale genetic structure in the white-breasted thrasher, <i>Ramphocinclus brachyurus</i> . <i>Molecular Ecology</i> , 2006, 15, 3449-3458.	3.9	83
21	Phenotypic plasticity and genetic isolation-by-distance in the freshwater mussel <i>Unio pictorum</i> (Mollusca: Unionoidea). <i>Evolutionary Ecology</i> , 2010, 24, 923-938.	1.2	81
22	Male mating success and paternity in the grey seal, <i>Halichoerus grypus</i> : a study using DNA fingerprinting. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1993, 252, 199-207.	2.6	79
23	MALADAPTIVE MATE CHOICE MAINTAINED BY HETEROZYGOTE ADVANTAGE. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1207-1214.	2.3	76
24	Deep genetic subdivision within a continuously distributed and highly vagile marine mammal, the Steller's sea lion (<i>Eumetopias jubatus</i>). <i>Molecular Ecology</i> , 2006, 15, 2821-2832.	3.9	75
25	Heterozygosity and lungworm burden in harbour seals (<i>Phoca vitulina</i>). <i>Heredity</i> , 2008, 100, 587-593.	2.6	69
26	Candidate genes versus genome-wide associations: which are better for detecting genetic susceptibility to infectious disease?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1183-1188.	2.6	69
27	Evidence that two main bottleneck events shaped modern human genetic diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 131-137.	2.6	67
28	Low Genetic Variability in the Highly Endangered Mediterranean Monk Seal. , 2004, 95, 291-300.		65
29	Low reproductive success in territorial male Antarctic fur seals (<i>Arctocephalus gazella</i>) suggests the existence of alternative mating strategies. <i>Molecular Ecology</i> , 2001, 10, 451-460.	3.9	61
30	Patterns of parental relatedness and pup survival in the grey seal (<i>Halichoerus grypus</i>). <i>Molecular Ecology</i> , 2004, 13, 2365-2370.	3.9	58
31	RESTRICTABLE DNA FROM SLOUGHED CETACEAN SKIN; ITS POTENTIAL FOR USE IN POPULATION ANALYSIS. <i>Marine Mammal Science</i> , 1992, 8, 275-283.	1.8	56
32	Microsatellites are subject to directional evolution. <i>Nature Genetics</i> , 1996, 12, 13-14.	21.4	55
33	Ascertainment bias cannot entirely account for human microsatellites being longer than their chimpanzee homologues. <i>Human Molecular Genetics</i> , 1998, 7, 1425-1429.	2.9	54
34	Genetic tagging reveals extreme site fidelity in territorial male Antarctic fur seals <i>Arctocephalus gazella</i> . <i>Molecular Ecology</i> , 2006, 15, 3841-3847.	3.9	53
35	Geographic variation of the major histocompatibility complex in Eastern Atlantic grey seals (<i>Halichoerus grypus</i>). <i>Molecular Ecology</i> , 2011, 20, 740-752.	3.9	49
36	Pinniped phylogenetic relationships inferred using AFLP markers. <i>Heredity</i> , 2009, 103, 168-177.	2.6	47

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37	Estimating levels of inbreeding using AFLP markers. <i>Heredity</i> , 2008, 100, 286-295.	2.6	41
38	Contrasting patterns of genetic diversity at three different genetic markers in a marine mammal metapopulation. <i>Molecular Ecology</i> , 2009, 18, 2961-2978.	3.9	40
39	Markov Chain Monte Carlo analysis of human Y-chromosome microsatellites provides evidence of biased mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 11916-11921.	7.1	38
40	Rat eradication comes within a whisker! A case study of a failed project from the South Pacific. <i>Royal Society Open Science</i> , 2016, 3, 160110.	2.4	36
41	Microsatellites Evolve More Rapidly in Humans Than in Chimpanzees. <i>Genomics</i> , 1995, 30, 610-612.	2.9	35
42	Patterns of paternal relatedness in British grey seal colonies. <i>Molecular Ecology</i> , 2000, 9, 283-292.	3.9	34
43	Global population structure and demographic history of the grey seal. <i>Molecular Ecology</i> , 2014, 23, 3999-4017.	3.9	32
44	DNA fingerprinting and 'scientific' whaling. <i>Nature</i> , 1988, 333, 305-305.	27.8	31
45	Reproductive performance links to fine-scale spatial patterns of female grey seal relatedness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 711-717.	2.6	31
46	No relationship between microsatellite variation and neonatal fitness in Antarctic fur seals, <i>Arctocephalus gazella</i> . <i>Molecular Ecology</i> , 2006, 15, 1995-2005.	3.9	31
47	An Empirical Exploration of the $(\hat{f}^{(1/4)})^2$ Genetic Distance for 213 Human Microsatellite Markers. <i>American Journal of Human Genetics</i> , 1999, 65, 1125-1133.	6.2	30
48	Getting Long in the Tooth: A Strong Positive Correlation between Canine Size and Heterozygosity in Antarctic Fur Seals <i>Arctocephalus gazella</i> . <i>Journal of Heredity</i> , 2010, 101, 527-538.	2.4	29
49	MHC genotype and near-deterministic mortality in grey seals. <i>Scientific Reports</i> , 2012, 2, 659.	3.3	28
50	Molecular analysis of the efficiency of sloughed skin sampling in whale population genetics. <i>Molecular Ecology</i> , 1998, 7, 1419-1422.	3.9	26
51	Directional Evolution of Size Coupled with Ascertainment Bias for Variation in <i>Drosophila</i> Microsatellites. <i>Molecular Biology and Evolution</i> , 2003, 20, 660-662.	8.9	23
52	Mating system, philopatry and patterns of kinship in the cooperatively breeding subdesert mesite <i>Monias benschi</i> . <i>Molecular Ecology</i> , 2005, 14, 3573-3583.	3.9	16
53	No correlation between multi-locus heterozygosity and fitness in the common buzzard despite heterozygote advantage for plumage colour. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2233-2243.	1.7	13
54	Group structure, mating system and extra-group paternity in the cooperatively breeding White-breasted Thrasher <i>Ramphocinclus brachyurus</i> . <i>Ibis</i> , 2009, 151, 99-112.	1.9	11

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55	DNA fingerprinting: parentage studies in natural populations and the importance of linkage analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1992, 249, 157-162.	2.6	10
56	Widespread amplification of amplified fragment length polymorphisms (AFLPs) in marine Antarctic animals. <i>Polar Biology</i> , 2012, 35, 919-929.	1.2	10
57	DNA fingerprinting and the uniqueness of whales. <i>Mammal Review</i> , 1990, 20, 23-30.	4.8	9
58	Microsatellite loci in the European bee-eater, <i>Merops apiaster</i> . <i>Molecular Ecology Notes</i> , 2004, 4, 500-502.	1.7	9
59	The mating system of the Mediterranean monk seal in the Western Sahara. <i>Marine Mammal Science</i> , 2011, 27, E302.	1.8	7
60	GENETIC AND BEHAVIORAL EVIDENCE THAT HARBOR SEAL (<i>PHOCA VITULINA</i>) FEMALES MAY MATE WITH MULTIPLE MALES. <i>Marine Mammal Science</i> , 1998, 14, 178-182.	1.8	6
61	Polymorphic microsatellite DNA markers for the grey fantail, <i>Rhipidura albiscapa</i> . <i>Molecular Ecology Notes</i> , 2006, 6, 75-76.	1.7	3
62	Genetic analysis of <i>Boletus edulis</i> suggests that intra-specific competition may reduce local genetic diversity as a woodland ages. <i>Royal Society Open Science</i> , 2020, 7, 200419.	2.4	1
63	A Markov Chain Monte Carlo Method for Estimating Population Mixing Using Y-chromosome Markers: Mixing of the Han People in China. <i>Annals of Human Genetics</i> , 2007, 71, 407-420.	0.8	0