Andrew Donald C Maccoll

List of Publications by Year
in descending order

64	3,438	236925 25	144013 57
papers	citations	h-index	g-index

67	67	67	3687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The maintenance of standing genetic variation: Gene flow vs. selective neutrality in Atlantic stickleback fish. Molecular Ecology, 2022, 31, 811-821.	3.9	4
2	Intercontinental genomic parallelism in multiple three-spined stickleback adaptive radiations. Nature Ecology and Evolution, 2021, 5, 251-261.	7.8	41
3	Courtship behavior, nesting microhabitat, and assortative mating in sympatric stickleback species pairs. Ecology and Evolution, 2021, 11, 1741-1755.	1.9	5
4	Flywayâ€scale analysis reveals that the timing of migration in wading birds is becoming later. Ecology and Evolution, 2021, 11, 14135-14145.	1.9	1
5	Prior exposure to long-day photoperiods alters immune responses and increases susceptibility to parasitic infection in stickleback. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201017.	2.6	5
6	Relationships between immune gene expression and circulating cytokine levels in wild house mice. Ecology and Evolution, 2020, 10, 13860-13871.	1.9	7
7	Admixture between Ancient Lineages, Selection, and the Formation of Sympatric Stickleback Species-Pairs. Molecular Biology and Evolution, 2019, 36, 2481-2497.	8.9	19
8	Geographical location influences the composition of the gut microbiota in wild house mice (Mus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 [cut off]	2.5	35
9	Predictable genome-wide sorting of standing genetic variation during parallel adaptation to basic versus acidic environments in stickleback fish. Evolution Letters, 2019, 3, 28-42.	3.3	41
10	Immune state is associated with natural dietary variation in wild mice <i>Mus musculus domesticus</i>. Functional Ecology, 2019, 33, 1425-1435.	3.6	11
11	Internal embryonic development in a non-copulatory, egg-laying teleost, the three-spined stickleback, Gasterosteus aculeatus. Scientific Reports, 2019, 9, 2395.	3.3	3
12	DNA fragility in the parallel evolution of pelvic reduction in stickleback fish. Science, 2019, 363, 81-84.	12.6	162
13	Response to Comment on â€œPrecipitation drives global variation in natural selectionâ€• Science, 2018, 359, .	12.6	2
14	Otolith development in wild populations of stickleback: Jones & Hynes method does not apply to most populations. Journal of Fish Biology, 2018, 93, 272-281.	1.6	2
15	Habitat correlates of Eurasian Woodcock Scolopax rusticola abundance in a declining resident population. Journal of Ornithology, 2018, 159, 955-965.	1.1	2
16	A geneticsâ€based approach confirms immune associations with life history across multiple populations of an aquatic vertebrate (<i>Gasterosteus aculeatus</i>). Molecular Ecology, 2018, 27, 3174-3191.	3.9	7
17	No evidence of local adaptation of immune responses to Gyrodactylus in three-spined stickleback () Tj ETQq1 1 0.784314 rgBT /Overl [cut off]	3.6	11
18	Precipitation drives global variation in natural selection. Science, 2017, 355, 959-962.	12.6	267

#	Article	IF	Citations
19	Spatial and temporal variation in macroparasite communities of three-spined stickleback. Parasitology, 2017, 144, 436-449.	1.5	11
20	Abiotic environmental variation drives virulence evolution in a fish hostâ€"parasite geographic mosaic. Functional Ecology, 2017, 31, 2138-2146.	3.6	8
21	Eda haplotypes in three-spined stickleback are associated with variation in immune gene expression. Scientific Reports, 2017, 7, 42677.	3.3	10
22	What Are the Environmental Determinants of Phenotypic Selection? A Meta-analysis of Experimental Studies. American Naturalist, 2017, 190, 363-376.	2.1	60
23	The ecology of an adaptive radiation of threeâ€spined stickleback from North Uist, Scotland. Molecular Ecology, 2016, 25, 4319-4336.	3.9	29
24	Measuring the immune system of the threeâ€spined stickleback â€" investigating natural variation by quantifying immune expression in the laboratory and the wild. Molecular Ecology Resources, 2016, 16, 701-713.	4.8	28
25	Parasites contribute to ecologically dependent postmating isolation in the adaptive radiation of three-spined stickleback. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160691.	2.6	11
26	Strong neutral genetic differentiation in a host, but not in its parasite. Infection, Genetics and Evolution, 2016, 44, 261-271.	2.3	7
27	Distribution of common stickleback parasites on North Uist, Scotland, in relation to ecology and host traits. Zoology, 2016, 119, 395-402.	1.2	9
28	Inappropriate analysis does not reveal the ecological causes of evolution of stickleback armour: a critique of Spence etÂal. 2013. Ecology and Evolution, 2014, 4, 3509-3513.	1.9	19
29	The pattern of poaching signs in Ugalla Game Reserve, western Tanzania. African Journal of Ecology, 2014, 52, 543-551.	0.9	13
30	Legal subsistence hunting trends in the Ugalla ecosystem of western Tanzania. European Journal of Wildlife Research, 2014, 60, 371-376.	1.4	5
31	Significant effects of season and bird age on use of coppice woodland by songbirds. Ibis, 2014, 156, 561-575.	1.9	4
32	Melanocortin-1-receptor (MC1R) variation is not associated with parasite burden in a neotropical bird, the bananaquit (Coereba flaveola). Biological Journal of the Linnean Society, 2013, 108, 882-888.	1.6	5
33	The evolutionary ecology of dwarfism in threeâ€spined sticklebacks. Journal of Animal Ecology, 2013, 82, 642-652.	2.8	34
34	The story of O: reply to Moya-LaraÃ±o. Trends in Ecology and Evolution, 2012, 27, 140.	8.7	1
35	Consistent differences in macroparasite community composition among populations of three-spined sticklebacks,<i>Gasterosteus aculeatus</i>L.. Parasitology, 2012, 139, 1478-1491.	1.5	23
36	The ecological causes of evolution. Trends in Ecology and Evolution, 2011, 26, 514-522.	8.7	228

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37	Divergent resistance to a monogenean flatworm among threeâ€spined stickleback populations. Functional Ecology, 2011, 25, 217-226.	3.6	28
38	A benthic predatory fish does not cause selection on armour traits in three-spined stickleback Gasterosteus aculeatus (Gasterosteiformes: Gasterosteidae). Biological Journal of the Linnean Society, 2011, 104, 877-885.	1.6	5
39	Parasites can cause selection against migrants following dispersal between environments. Functional Ecology, 2010, 24, 847-856.	3.6	26
40	Parasite burdens differ between sympatric threeâ€spined stickleback species. Ecography, 2009, 32, 153-160.	4.5	69
41	Temporal changes in kin structure through a population cycle in a territorial bird, the red grouse <i>Lagopus lagopus scoticus</i>. Molecular Ecology, 2008, 17, 2544-2551.	3.9	37
42	The effects of castration, sex ratio and population density on social segregation and habitat use in Soay sheep. Behavioral Ecology and Sociobiology, 2006, 59, 694-703.	1.4	22
43	Determinants of lifetime fitness in a cooperative breeder, the longâ€tailed tit Aegithalos caudatus. Journal of Animal Ecology, 2004, 73, 1137-1148.	2.8	68
44	Helpers increase long-term but not short-term productivity in cooperatively breeding long-tailed tits. Behavioral Ecology, 2004, 15, 1-10.	2.2	114
45	Sharing of caring: nestling provisioning behaviour of long-tailed tit, Aegithalos caudatus, parents and helpers. Animal Behaviour, 2003, 66, 955-964.	1.9	66
46	HERITABILITY OF PARENTAL EFFORT IN A PASSERINE BIRD. Evolution; International Journal of Organic Evolution, 2003, 57, 2191-2195.	2.3	104
47	STASIS IN THE MORPH RATIO CLINE IN THE BANANAQUIT ON GRENADA, WEST INDIES. Condor, 2003, 105, 821.	1.6	8
48	HERITABILITY OF PARENTAL EFFORT IN A PASSERINE BIRD. Evolution; International Journal of Organic Evolution, 2003, 57, 2191.	2.3	4
49	Stasis in the Morph Ratio Cline in the Bananaquit on Grenada, West Indies. Condor, 2003, 105, 821-825.	1.6	1
50	Temporal Variation in Fitness Payoffs Promotes Cooperative Breeding in Longâ€Tailed Tits Aegithalos caudatus. American Naturalist, 2002, 160, 186-194.	2.1	110
51	Temporal Variation in Fitness Payoffs Promotes Cooperative Breeding in Long-Tailed Tits Aegithalos caudatus. American Naturalist, 2002, 160, 186.	2.1	6
52	Spatial arrangement of kin affects recruitment success in young male red grouse. Oikos, 2000, 90, 261-270.	2.7	58
53	MATRILINEAL GENETIC STRUCTURE AND FEMALE-MEDIATED GENE FLOW IN RED GROUSE (LAGOPUS LAGOPUS) Tj ETQq1 1 0.784314 r Evolution, 2000, 54, 279-289.	2.3	10
54	MATRILINEAL GENETIC STRUCTURE AND FEMALE-MEDIATED GENE FLOW IN RED GROUSE (LAGOPUS LAGOPUS) Tj ETQq0 0 0 rgBT /Ove Evolution, 2000, 54, 279.	2.3	39

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55	Densityâ€Dependent Variation in Lifetime Breeding Success and Natural and Sexual Selection in Soay Rams. American Naturalist, 1999, 154, 730-746.	2.1	139
56	Reproduction and survival of suricates (Suricata suricatta) in the southern Kalahari. African Journal of Ecology, 1999, 37, 69-80.	0.9	102
57	Predation, group size and mortality in a cooperative mongoose, Suricata suricatta. Journal of Animal Ecology, 1999, 68, 672-683.	2.8	328
58	Spatial distribution of genetic relatedness in a moorland population of red grouse (Lagopus lagopus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	9
59	Local genetic structure in red grouse (Lagopus lagopus scoticus): evidence from microsatellite DNA markers. Molecular Ecology, 1998, 7, 1645-1654.	3.9	172
60	Costs of cooperative behaviour in suricates (Suricata suricatta). Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 185-190.	2.6	223
61	Stability and Instability in Ungulate Populations: An Empirical Analysis. American Naturalist, 1997, 149, 195-219.	2.1	217
62	Population Fluctuations, Reproductive Costs and Life-History Tactics in Female Soay Sheep. Journal of Animal Ecology, 1996, 65, 675.	2.8	180
63	Mate retention, harassment, and the evolution of ungulate leks. Behavioral Ecology, 1992, 3, 234-242.	2.2	132
64	Parasites may contribute to â€˜magic traitâ€™ evolution in the adaptive radiation of three-spined sticklebacks, Gasterosteus aculeatus (Gasterosteiformes: Gasterosteidae). Biological Journal of the Linnean Society, 0, 96, 425-433.	1.6	27