Ryan S Mohammed

List of Publications by Year
in descending order

18 papers	602 citations	1040056 9 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	727 citing authors

#	Article	IF	Citations
1	BALANCING SELECTION, RANDOM GENETIC DRIFT, AND GENETIC VARIATION AT THE MAJOR HISTOCOMPATIBILITY COMPLEX IN TWO WILD POPULATIONS OF GUPPIES (POECILIA RETICULATA). Evolution; International Journal of Organic Evolution, 2006, 60, 2562-2574.	2.3	117
2	BALANCING SELECTION, RANDOM GENETIC DRIFT, AND GENETIC VARIATION AT THE MAJOR HISTOCOMPATIBILITY COMPLEX IN TWO WILD POPULATIONS OF GUPPIES (POECILIA RETICULATA). Evolution; International Journal of Organic Evolution, 2006, 60, 2562.	2.3	106
3	Immunogenetic novelty confers a selective advantage in hostâ€“pathogen coevolution. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1552-1557.	7.1	86
4	Balancing selection, random genetic drift, and genetic variation at the major histocompatibility complex in two wild populations of guppies (Poecilia reticulata). Evolution; International Journal of Organic Evolution, 2006, 60, 2562-74.	2.3	53
5	The Guppy as a Conservation Model: Implications of Parasitism and Inbreeding for Reintroduction Success. Conservation Biology, 2007, 21, 071107164019004-???.	4.7	51
6	Evolutionary genetics of immunological supertypes reveals two faces of the Red Queen. Nature Communications, 2017, 8, 1294.	12.8	51
7	Parasites of Trinidadian guppies: evidence for sex- and age-specific trait-mediated indirect effects of predators. Ecology, 2015, 96, 489-498.	3.2	44
8	Can parasites use predators to spread between primary hosts?. Parasitology, 2013, 140, 1138-1143.	1.5	13
9	Long-term cleaning patterns of the sharknose goby (Elacatinus evelynae). Coral Reefs, 2019, 38, 321-330.	2.2	11
10	Gene duplications, divergence and recombination shape adaptive evolution of the fish ectoparasite Gyrodactylus bullatarudis. Molecular Ecology, 2020, 29, 1494-1507.	3.9	11
11	RNAâ€Seq analysis of the guppy immune response against Gyrodactylus bullatarudis infection. Parasite Immunology, 2020, 42, e12782.	1.5	10
12	Parasite diversity and ecology in a model species, the guppy (Poecilia reticulata) in Trinidad. Royal Society Open Science, 2020, 7, 191112.	2.4	10
13	Balancing selection versus allele and supertype turnover in MHC class II genes in guppies. Heredity, 2021, 126, 548-560.	2.6	9
14	Parasites pitched against nature: Pitch Lake water protects guppies (Poecilia reticulata) from microbial and gyrodactylid infections. Parasitology, 2012, 139, 1772-1779.	1.5	7
15	Shoaling guppies evade predation but have deadlier parasites. Nature Ecology and Evolution, 2022, 6, 945-954.	7.8	7
16	From the river to the ocean: mitochondrial DNA analyses provide evidence of spectacled caimans (Caiman crocodilus Linnaeus 1758) mainlandâ€“insular dispersal. Biological Journal of the Linnean Society, 2021, 134, 486-497.	1.6	5
17	Expansion of frozen hybrids in the guppy ectoparasite, Gyrodactylus turnbulli. Molecular Ecology, 2021, 30, 1005-1016.	3.9	4
18	Functional immunogenetic variation, rather than local adaptation, predicts ectoparasite infection intensity in a model fish species. Molecular Ecology, 2021, 30, 5588-5604.	3.9	4