Seth M Barribeau

List of Publications by Year
in descending order

31 papers	3,591 citations	279798 23 h-index	434195 31 g-index
39 all docs	39 docs citations	39 times ranked	4796 citing authors

#	Article	IF	Citations
1	Genus-Wide Characterization of Bumblebee Genomes Provides Insights into Their Evolution and Variation in Ecological and Behavioral Traits. Molecular Biology and Evolution, 2021, 38, 486-501.	8.9	58
2	Repurposing the orphan drug nitisinone to control the transmission of African trypanosomiasis. PLoS Biology, 2021, 19, e3000796.	5.6	12
3	The effects of Nosema ceranae (Microspora: Nosematidae) isolated from wild Apis cerana japonica (Hymenoptera: Apidae) on Apis mellifera. Applied Entomology and Zoology, 2021, 56, 311-317.	1.2	0
4	Recent advances in vertebrate and invertebrate transgenerational immunity in the light of ecology and evolution. Heredity, 2018, 121, 225-238.	2.6	87
5	The genomes of Crithidia bombi and C. expoeki, common parasites of bumblebees. PLoS ONE, 2018, 13, e0189738.	2.5	26
6	Lifeâ€history strategy determines constraints on immune function. Journal of Animal Ecology, 2017, 86, 473-483.	2.8	21
7	Unity in defence: honeybee workers exhibit conserved molecular responses to diverse pathogens. BMC Genomics, 2017, 18, 207.	2.8	100
8	Royal Decree: Gene Expression in Trans-Generationally Immune Primed Bumblebee Workers Mimics a Primary Immune Response. PLoS ONE, 2016, 11, e0159635.	2.5	56
9	The Bee Microbiome: Impact on Bee Health and Model for Evolution and Ecology of Host-Microbe Interactions. MBio, 2016, 7, e02164-15.	4.1	215
10	Experimental Evolution of a Trypanosome Parasite of Bumblebees and its Implications for Infection Success and Host Immune Response. Evolutionary Biology, 2016, 43, 160-170.	1.1	9
11	Small genome of the fungus Escovopsis weberi , a specialized disease agent of ant agriculture. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3567-3572.	7.1	71
12	The locus of sexual selection: moving sexual selection studies into the postâ€genomics era. Journal of Evolutionary Biology, 2015, 28, 739-755.	1.7	69
13	A depauperate immune repertoire precedes evolution of sociality in bees. Genome Biology, 2015, 16, 83.	8.8	130
14	The genomes of two key bumblebee species with primitive eusocial organization. Genome Biology, 2015, 16, 76.	8.8	330
15	Genomic signatures of evolutionary transitions from solitary to group living. Science, 2015, 348, 1139-1143.	12.6	357
16	Differential gene expression and alternative splicing in insect immune specificity. BMC Genomics, 2014, 15, 1031.	2.8	48
17	Exposure to natural pathogens reveals costly aphid response to fungi but not bacteria. Ecology and Evolution, 2014, 4, 488-493.	1.9	15
18	Gene expression differences underlying genotype-by-genotype specificity in a hostâ€“parasite system. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3496-3501.	7.1	109

#	Article	IF	Citations
19	Protein-poor diet reduces host-specific immune gene expression in Bombus terrestris. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140128.	2.6	107
20	Delayed Virulence and Limited Costs Promote Fecundity Compensation upon Infection. American Naturalist, 2014, 183, 480-493.	2.1	29
21	Qualitatively different immune response of the bumblebee host, Bombus terrestris, to infection by different genotypes of the trypanosome gut parasite, Crithidia bombi. Infection, Genetics and Evolution, 2013, 20, 249-256.	2.3	32
22	Heterogeneity in infection outcome: lessons from a bumblebeeâ€trypanosome system. Parasite Immunology, 2013, 35, 339-349.	1.5	34
23	Immune Gene Expression in Bombus terrestris: Signatures of Infection Despite Strong Variation among Populations, Colonies, and Sister Workers. PLoS ONE, 2013, 8, e68181.	2.5	41
24	Ecological immunogenetics of life-history traits in a model amphibian. Biology Letters, 2012, 8, 405-407.	2.3	9
25	An evolutionarily and ecologically focused strategy for genome sequencing efforts. Heredity, 2012, 108, 577-580.	2.6	1
26	Lack of genetic differentiation between monarch butterflies with divergent migration destinations. Molecular Ecology, 2012, 21, 3433-3444.	3.9	85
27	Non-immunological defense in an evolutionary framework. Trends in Ecology and Evolution, 2011, 26, 242-248.	8.7	152
28	Aphid reproductive investment in response to mortality risks. BMC Evolutionary Biology, 2010, 10, 251.	3.2	35
29	Genome Sequence of the Pea Aphid Acyrthosiphon pisum. PLoS Biology, 2010, 8, e1000313.	5.6	913
30	Immunity and other defenses in pea aphids, Acyrthosiphon pisum. Genome Biology, 2010, 11, R21.	9.6	389
31	Major Histocompatibility Complex Based Resistance to a Common Bacterial Pathogen of Amphibians. PLoS ONE, 2008, 3, e2692.	2.5	39