

# Seth M Barribeau

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Genome Sequence of the Pea Aphid <i>Acyrtosiphon pisum</i> . <i>PLoS Biology</i> , 2010, 8, e1000313.	5.6	913
2	Immunity and other defenses in pea aphids, <i>Acyrtosiphon pisum</i> . <i>Genome Biology</i> , 2010, 11, R21.	9.6	389
3	Genomic signatures of evolutionary transitions from solitary to group living. <i>Science</i> , 2015, 348, 1139-1143.	12.6	357
4	The genomes of two key bumblebee species with primitive eusocial organization. <i>Genome Biology</i> , 2015, 16, 76.	8.8	330
5	The Bee Microbiome: Impact on Bee Health and Model for Evolution and Ecology of Host-Microbe Interactions. <i>MBio</i> , 2016, 7, e02164-15.	4.1	215
6	Non-immunological defense in an evolutionary framework. <i>Trends in Ecology and Evolution</i> , 2011, 26, 242-248.	8.7	152
7	A depauperate immune repertoire precedes evolution of sociality in bees. <i>Genome Biology</i> , 2015, 16, 83.	8.8	130
8	Gene expression differences underlying genotype-by-genotype specificity in a host-parasite system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3496-3501.	7.1	109
9	Protein-poor diet reduces host-specific immune gene expression in <i>Bombus terrestris</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140128.	2.6	107
10	Unity in defence: honeybee workers exhibit conserved molecular responses to diverse pathogens. <i>BMC Genomics</i> , 2017, 18, 207.	2.8	100
11	Recent advances in vertebrate and invertebrate transgenerational immunity in the light of ecology and evolution. <i>Heredity</i> , 2018, 121, 225-238.	2.6	87
12	Lack of genetic differentiation between monarch butterflies with divergent migration destinations. <i>Molecular Ecology</i> , 2012, 21, 3433-3444.	3.9	85
13	Small genome of the fungus <i>Escovopsis weberi</i> , a specialized disease agent of ant agriculture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3567-3572.	7.1	71
14	The locus of sexual selection: moving sexual selection studies into the post-genomics era. <i>Journal of Evolutionary Biology</i> , 2015, 28, 739-755.	1.7	69
15	Genus-Wide Characterization of Bumblebee Genomes Provides Insights into Their Evolution and Variation in Ecological and Behavioral Traits. <i>Molecular Biology and Evolution</i> , 2021, 38, 486-501.	8.9	58
16	Royal Decree: Gene Expression in Trans-Generationally Immune Primed Bumblebee Workers Mimics a Primary Immune Response. <i>PLoS ONE</i> , 2016, 11, e0159635.	2.5	56
17	Differential gene expression and alternative splicing in insect immune specificity. <i>BMC Genomics</i> , 2014, 15, 1031.	2.8	48
18	Immune Gene Expression in <i>Bombus terrestris</i> : Signatures of Infection Despite Strong Variation among Populations, Colonies, and Sister Workers. <i>PLoS ONE</i> , 2013, 8, e68181.	2.5	41

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19	Major Histocompatibility Complex Based Resistance to a Common Bacterial Pathogen of Amphibians. PLoS ONE, 2008, 3, e2692.	2.5	39
20	Aphid reproductive investment in response to mortality risks. BMC Evolutionary Biology, 2010, 10, 251.	3.2	35
21	Heterogeneity in infection outcome: lessons from a bumblebee–trypanosome system. Parasite Immunology, 2013, 35, 339-349.	1.5	34
22	Qualitatively different immune response of the bumblebee host, <i>Bombus terrestris</i> , to infection by different genotypes of the trypanosome gut parasite, <i>Crithidia bombi</i> . Infection, Genetics and Evolution, 2013, 20, 249-256.	2.3	32
23	Delayed Virulence and Limited Costs Promote Fecundity Compensation upon Infection. American Naturalist, 2014, 183, 480-493.	2.1	29
24	The genomes of <i>Crithidia bombi</i> and <i>C. expoeki</i> , common parasites of bumblebees. PLoS ONE, 2018, 13, e0189738.	2.5	26
25	Life–history strategy determines constraints on immune function. Journal of Animal Ecology, 2017, 86, 473-483.	2.8	21
26	Exposure to natural pathogens reveals costly aphid response to fungi but not bacteria. Ecology and Evolution, 2014, 4, 488-493.	1.9	15
27	Repurposing the orphan drug nitisinone to control the transmission of African trypanosomiasis. PLoS Biology, 2021, 19, e3000796.	5.6	12
28	Ecological immunogenetics of life-history traits in a model amphibian. Biology Letters, 2012, 8, 405-407.	2.3	9
29	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
30	An evolutionarily and ecologically focused strategy for genome sequencing efforts. Heredity, 2012, 108, 577-580.	2.6	1
31	The effects of <i>Nosema ceranae</i> (Microspora: Nosematidae) isolated from wild <i>Apis cerana japonica</i> (Hymenoptera: Apidae) on <i>Apis mellifera</i> . Applied Entomology and Zoology, 2021, 56, 311-317.	1.2	0