Roderick B Gagne

List of Publications by Year
in descending order

37	523	687363 13	752698 20
papers	citations	h-index	g-index

42	42	42	719
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SARS-CoV-2 evolution in animals suggests mechanisms for rapid variant selection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	69
2	Climate change and conservation of endemic amphidromous fishes in Hawaiian streams. Endangered Species Research, 2012, 16, 261-272.	2.4	43
3	Genetic sourceâ€“sink dynamics among naturally structured and anthropogenically fragmented puma populations. Conservation Genetics, 2019, 20, 215-227.	1.5	33
4	Overcoming urban stream syndrome: Trophic flexibility confers resilience in a Hawaiian stream fish. Freshwater Biology, 2018, 63, 492-502.	2.4	25
5	Urbanization reduces genetic connectivity in bobcats (Lynx rufus) at both intraâ€“ and interpopulation spatial scales. Molecular Ecology, 2019, 28, 5068-5085.	3.9	24
6	Parasites as conservation tools. Conservation Biology, 2022, 36, .	4.7	24
7	Molecular and Morphological Evidence of Distinct Evolutionary Lineages of Awaous guamensis in Hawai'i and Guam. Copeia, 2012, 2012, 293-300.	1.3	23
8	Urbanization impacts apex predator gene flow but not genetic diversity across an urbanâ€rural divide. Molecular Ecology, 2019, 28, 4926-4940.	3.9	23
9	Microsatellite records for volume 8, issue 1. Conservation Genetics Resources, 2016, 8, 43-81.	0.8	22
10	Measures of effective population size in sea otters reveal special considerations for wideâ€ranging species. Evolutionary Applications, 2018, 11, 1779-1790.	3.1	20
11	Host relatedness and landscape connectivity shape pathogen spread in the puma, a large secretive carnivore. Communications Biology, 2021, 4, 12.	4.4	20
12	Spread of an introduced parasite across the Hawaiian archipelago independent of its introduced host. Freshwater Biology, 2015, 60, 311-322.	2.4	18
13	Frequent cross-species transmissions of foamy virus between domestic and wild felids. Virus Evolution, 2020, 6, vez058.	4.9	17
14	Variation in Intra-individual Lentiviral Evolution Rates: a Systematic Review of Human, Nonhuman Primate, and Felid Species. Journal of Virology, 2019, 93, .	3.4	15
15	MrIML: Multiâ€response interpretable machine learning to model genomic landscapes. Molecular Ecology Resources, 2021, 21, 2766-2781.	4.8	12
16	Colonization and demographic expansion of freshwater fauna across the Hawaiian archipelago. Journal of Evolutionary Biology, 2016, 29, 2054-2069.	1.7	11
17	Mutual dilution of infection by an introduced parasite in native and invasive stream fishes across Hawaii. Parasitology, 2016, 143, 1605-1614.	1.5	9
18	Optimal DNA extractions from blood on preservation paper limits conservation genomic but not conservation genetic applications. Journal for Nature Conservation, 2018, 46, 89-96.	1.8	9

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19	The Expectations and Challenges of Wildlife Disease Research in the Era of Genomics: Forecasting with a Horizon Scan-like Exercise. Journal of Heredity, 2019, 110, 261-274.	2.4	9
20	Pronghorn population genomics show connectivity in the core of their range. Journal of Mammalogy, 2020, 101, 1061-1071.	1.3	9
21	Invasion of the Hawaiian Islands by a parasite infecting imperiled stream fishes. Ecography, 2018, 41, 528-539.	4.5	8
22	Phylogeography of the widespread creek chub Semotilus atromaculatus (Cypriniformes: Leuciscidae). Journal of Fish Biology, 2018, 93, 778-791.	1.6	8
23	Mitogenomes and relatedness do not predict frequency of tool-use by sea otters. Biology Letters, 2017, 13, 20160880.	2.3	7
24	Bighorn Sheep Genetic Structure in Wyoming Reflects Geography and Management. Journal of Wildlife Management, 2020, 84, 1072-1090.	1.8	7
25	Functional connectivity in a continuously distributed, migratory species as revealed by landscape genomics. Ecography, 2021, 44, 987.	4.5	7
26	Population genomic diversity and structure at the discontinuous southern range of the Great Gray Owl in North America. Conservation Genetics, 2020, 21, 693-706.	1.5	6
27	Hunting alters viral transmission and evolution in a large carnivore. Nature Ecology and Evolution, 2022, 6, 174-182.	7.8	5
28	Multiâ€population puma connectivity could restore genomic diversity to atâ€risk coastal populations in California. Evolutionary Applications, 2022, 15, 286-299.	3.1	5
29	Parasitism of a native <scp>H</scp>awaiian stream fish by an introduced nematode increases with declining precipitation across a natural rainfall gradient. Ecology of Freshwater Fish, 2016, 25, 476-486.	1.4	4
30	Novel hybrid finds a peri-urban niche: Allenâ€™s Hummingbirds in southern California. Conservation Genetics, 2020, 21, 989-998.	1.5	4
31	Altered lentiviral infection dynamics follow genetic rescue of the Florida panther. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191689.	2.6	3
32	Translocations maintain genetic diversity and increase connectivity in sea otters, Enhydra lutris. Marine Mammal Science, 2021, 37, 1475-1497.	1.8	3
33	Genetic Characterization of Microsporum canis Clinical Isolates in the United States. Journal of Fungi (Basel, Switzerland), 2022, 8, 676.	3.5	3
34	A natural laboratory to elucidate the evolution of endogenousâ€exogenous retroviral interactions. Molecular Ecology, 2021, 30, 2473-2476.	3.9	0
35	Viral Sequences Recovered From Puma Tooth DNA Reconstruct Statewide Viral Phylogenies. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	0
36	INVESTIGATING ASSOCIATIONS AMONG RELATEDNESS, GENETIC DIVERSITY, AND CAUSES OF MORTALITY IN SOUTHERN SEA OTTERS (ENHYDRA LUTRIS NEREIS). Journal of Wildlife Diseases, 2022, 58, .	0.8	0

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37	Modelling the role of predation on disease burdens of prey. Journal of Animal Ecology, 2022, 91, 1330-1333.	2.8	0