Ryan C Garrick

List of Publications by Year
in descending order

54 papers	1,700 citations	331670 21 h-index	302126 39 g-index
61 all docs	61 docs citations	61 times ranked	2432 citing authors

#	Article	IF	Citations
1	A new lineage of Galapagos giant tortoises identified from museum samples. Heredity, 2022, 128, 261-270.	2.6	3
2	The effect of sampling density and study area size on landscape genetics inferences for the Mississippi slimy salamander (<i>Plethodon mississippi</i>). Ecology and Evolution, 2021, 11, 6289-6304.	1.9	3
3	Demographic history and patterns of molecular evolution from whole genome sequencing in the radiation of Galapagos giant tortoises. Molecular Ecology, 2021, 30, 6325-6339.	3.9	7
4	Is Phylogeographic Congruence Predicted by Historical Habitat Stability, or Ecological Co-associations?. Insect Systematics and Diversity, 2021, 5, .	1.7	3
5	Weak spatial-genetic structure in a native invasive, the southern pine beetle (<i>Dendroctonus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	0
6	The Phylogeographic Shortfall in Hexapods: A Lot of Leg Work Remaining. Insect Systematics and Diversity, 2021, 5, .	1.7	6
7	Crayfish populations genetically fragmented in streams impounded for 36â€“104 years. Freshwater Biology, 2020, 65, 768-785.	2.4	14
8	Regional replication of landscape genetics analyses of the Mississippi slimy salamander, Plethodon mississippi. Landscape Ecology, 2020, 35, 337-351.	4.2	14
9	Efficient summary statistics for detecting lineage fusion from phylogeographic datasets. Journal of Biogeography, 2020, 47, 2129-2140.	3.0	4
10	Trophic interactions among dead-wood-dependent forest arthropods in the southern Appalachian Mountains, USA. Food Webs, 2019, 18, e00112.	1.2	8
11	Two Divergent Genetic Lineages within the Horned Passalus Beetle, Odontotaenius disjunctus (Coleoptera: Passalidae): An Emerging Model for Insect Behavior, Physiology, and Microbiome Research. Insects, 2019, 10, 159.	2.2	4
12	New Molecular Tools for Dendroctonus frontalis (Coleoptera: Curculionidae: Scolytinae) Reveal an Eastâ€“West Genetic Subdivision of Early Pleistocene Origin. Insect Systematics and Diversity, 2019, 3, .	1.7	6
13	The role of glacialâ€interglacial climate change in shaping the genetic structure of eastern subterranean termites in the southern Appalachian Mountains, USA. Ecology and Evolution, 2019, 9, 4621-4636.	1.9	10
14	Ecological Drivers of Species Distributions and Niche Overlap for Three Subterranean Termite Species in the Southern Appalachian Mountains, USA. Insects, 2019, 10, 33.	2.2	12
15	Extending phylogeography to account for lineage fusion. Journal of Biogeography, 2019, 46, 268-278.	3.0	23
16	Giant tortoise genomes provide insights into longevity and age-related disease. Nature Ecology and Evolution, 2019, 3, 87-95.	7.8	79
17	Temporal Mitogenomics of the Galapagos Giant Tortoise from PinzÃ³n Reveals Potential Biases in Population Genetic Inference. Journal of Heredity, 2018, 109, 631-640.	2.4	12
18	Theory, practice, and conservation in the age of genomics: The GalÃ¡pagos giant tortoise as a case study. Evolutionary Applications, 2018, 11, 1084-1093.	3.1	28

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19	Population genomics through time provides insights into the consequences of decline and rapid demographic recovery through headâ€starting in a Galapagos giant tortoise. Evolutionary Applications, 2018, 11, 1811-1821.	3.1	29
20	Cryptic diversity in the southern Appalachian Mountains: genetic data reveal that the red centipede, Scolopocryptops sexspinosus, is a species complex. Journal of Insect Conservation, 2018, 22, 799-805.	1.4	14
21	Molecular Tools for Assessing Saproxylic Insect Diversity. Zoological Monographs, 2018, , 849-884.	1.1	2
22	Insights into the ecology, genetics and distribution of <i>Lucanus elaphus</i> Fabricius (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.0	14
23	Strong spatialâ€genetic congruence between a woodâ€feeding cockroach and its bacterial endosymbiont, across a topographically complex landscape. Journal of Biogeography, 2017, 44, 1500-1511.	3.0	17
24	Identification of Genetically Important Individuals of the Rediscovered Floreana GalÃ¡pagos Giant Tortoise (Chelonoidis elephantopus) Provides Founders for Species Restoration Program. Scientific Reports, 2017, 7, 11471.	3.3	27
25	Genetic insights into family group co-occurrence in<i>Cryptocercus punctulatus</i>, a sub-social woodroach from the southern Appalachian Mountains. PeerJ, 2017, 5, e3127.	2.0	4
26	True syntopy between chromosomal races of the Cryptocercus punctulatus wood-roach species complex. Insectes Sociaux, 2016, 63, 353-355.	1.2	5
27	Identification of Eastern United States Reticulitermes Termite Species via PCR-RFLP, Assessed Using Training and Test Data. Insects, 2015, 6, 524-537.	2.2	11
28	Naturally rare versus newly rare: demographic inferences on two timescales inform conservation of GalÃ¡pagos giant tortoises. Ecology and Evolution, 2015, 5, 676-694.	1.9	28
29	The evolution of phylogeographic data sets. Molecular Ecology, 2015, 24, 1164-1171.	3.9	119
30	Description of a New Galapagos Giant Tortoise Species (Chelonoidis; Testudines: Testudinidae) from Cerro Fatal on Santa Cruz Island. PLoS ONE, 2015, 10, e0138779.	2.5	54
31	Lineage fusion in <scp>G</scp>alÃ¡pagos giant tortoises. Molecular Ecology, 2014, 23, 5276-5290.	3.9	59
32	Cryptic structure and niche divergence within threatened GalÃ¡pagos giant tortoises from southern Isabela Island. Conservation Genetics, 2014, 15, 1357-1369.	1.5	16
33	Ecological coassociations influence species' responses to past climatic change: an example from a <scp>S</scp>onoran <scp>D</scp>esert bark beetle. Molecular Ecology, 2013, 22, 3345-3361.	3.9	24
34	The genetic legacy of Lonesome George survives: Giant tortoises with Pinta Island ancestry identified in GalÃ¡pagos. Biological Conservation, 2013, 157, 225-228.	4.1	39
35	Environmental Complexity and Biodiversity: The Multi-Layered Evolutionary History of a Log-Dwelling Velvet Worm in Montane Temperate Australia. PLoS ONE, 2013, 8, e84559.	2.5	16
36	Phylogeography of Saproxylic and Forest Floor Invertebrates from Tallaganda, South-eastern Australia. Insects, 2012, 3, 270-294.	2.2	17

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37	Lineage Identification and Genealogical Relationships Among Captive GalÃ¡pagos Tortoises. Zoo Biology, 2012, 31, 107-120.	1.2	16
38	Development and characterization of tetranucleotide microsatellite loci for the American alligator (Alligator mississippiensis). Conservation Genetics Resources, 2012, 4, 567-570.	0.8	4
39	Genetic rediscovery of an â€˜extinctâ€™ GalÃ¡pagos giant tortoise species. Current Biology, 2012, 22, R10-R11.	3.9	46
40	Montane refuges and topographic complexity generate and maintain invertebrate biodiversity: recurring themes across space and time. Journal of Insect Conservation, 2011, 15, 469-478.	1.4	42
41	Nonrecombining Genes in a Recombination Environment: The Drosophila "Dot" Chromosome. Molecular Biology and Evolution, 2011, 28, 825-833.	8.9	10
42	Nuclear gene phylogeography using PHASE: dealing with unresolved genotypes, lost alleles, and systematic bias in parameter estimation. BMC Evolutionary Biology, 2010, 10, 118.	3.2	112
43	Landscape modelling of gene flow: improved power using conditional genetic distance derived from the topology of population networks. Molecular Ecology, 2010, 19, 3746-3759.	3.9	170
44	Inference of Population History by Coupling Exploratory and Model-Driven Phylogeographic Analyses. International Journal of Molecular Sciences, 2010, 11, 1190-1227.	4.1	32
45	Variable nuclear markers for a Sonoran Desert bark beetle, Araptus attenuatus Wood (Curculionidae:) Tj ETQq1 1 0.784314 rgBT /Overl	1.5	3
46	Not just vicariance: phylogeography of a Sonoran Desert euphorb indicates a major role of range expansion along the Baja peninsula. Molecular Ecology, 2009, 18, 1916-1931.	3.9	84
47	A set of polymorphic nuclear intron markers for conservation genetics and phylogeography of Euphorbia species (Pedilanthus clade). Conservation Genetics, 2008, 9, 1673-1676.	1.5	9
48	FINE-SCALE PHYLOGEOGRAPHIC CONGRUENCE DESPITE DEMOGRAPHIC INCONGRUENCE IN TWO LOW-MOBILITY SAPROXYLIC SPRINGTAILS. Evolution; International Journal of Organic Evolution, 2008, 62, 1103-1118.	2.3	129
49	Babies and bathwater: a comment on the premature obituary for nested clade phylogeographical analysis. Molecular Ecology, 2008, 17, 1401-1403.	3.9	72
50	Thesis summary. Australian Journal of Entomology, 2007, 46, 346-347.	1.1	0
51	Catchments catch all: long-term population history of a giant springtail from the southeast Australian highlands - a multigene approach. Molecular Ecology, 2007, 16, 1865-1882.	3.9	51
52	Development and application of three-tiered nuclear genetic markers for basal Hexapods using single-stranded conformation polymorphism coupled with targeted DNA sequencing. , 2006, 7, 11.		23
53	A tale of two flatties: different responses of two terrestrial flatworms to past environmental climatic fluctuations at Tallaganda in montane southeastern Australia. Molecular Ecology, 2006, 15, 4513-4531.	3.9	79
54	Phylogeography recapitulates topography: very fine-scale local endemism of a saproxylic â€˜giantâ€™ springtail at Tallaganda in the Great Dividing Range of south-east Australia. Molecular Ecology, 2004, 13, 3329-3344.	3.9	82