Benjamin M Fitzpatrick

List of Publications by Year
in descending order

70 papers	4,292 citations	126907 33 h-index	123424 61 g-index
71 all docs	71 docs citations	71 times ranked	5391 citing authors

#	Article	IF	Citations
1	Amphibious mudskipper populations are genetically connected along coastlines, but differentiated across water. Journal of Biogeography, 2022, 49, 767-779.	3.0	4
2	Breeding behaviour predicts patterns of natural hybridization in North American minnows (Cyprinidae). Journal of Evolutionary Biology, 2021, 34, 486-500.	1.7	6
3	Genetic data reveal fine-scale ecological segregation between larval plethodontid salamanders in replicate contact zones. Evolutionary Ecology, 2021, 35, 309-322.	1.2	5
4	GEOGRAPHIC AND INDIVIDUAL DETERMINANTS OF IMPORTANT AMPHIBIAN PATHOGENS IN HELLBENDERS (CRYPTOBRANCHUS ALLEGANIENSIS) IN TENNESSEE AND ARKANSAS, USA. Journal of Wildlife Diseases, 2020, 56, 803-814.	0.8	4
5	Extensive Cryptic Diversity Within the Physalaemus cuvieriâ€“Physalaemus ephippifer Species Complex (Amphibia, Anura) Revealed by Cytogenetic, Mitochondrial, and Genomic Markers. Frontiers in Genetics, 2019, 10, 719.	2.3	9
6	Morphological Polymorphism Associated with Alternative Reproductive Tactics in a Plethodontid Salamander. American Naturalist, 2019, 193, 608-618.	2.1	10
7	A hierarchical Bayesian model to incorporate uncertainty into methods for diversity partitioning. Ecology, 2018, 99, 947-956.	3.2	10
8	Isolation by distance, local adaptation, and fortuitous coincidence of geo-political boundaries with spatial-genetic clusters in southern Bog Turtles. Global Ecology and Conservation, 2018, 16, e00474.	2.1	3
9	Population Viability of Nonnative Mediterranean House Geckos (Hemidactylus turcicus) at an Urban Site Near the Northern Invasion Front. Journal of Herpetology, 2018, 52, 215.	0.5	9
10	Pairwise beta diversity resolves an underappreciated source of confusion in calculating species turnover. Ecology, 2017, 98, 933-939.	3.2	40
11	Genome scale assessment of a species translocation program. Conservation Genetics, 2017, 18, 1191-1199.	1.5	17
12	Co-occurrence and Hybridization between Necturus maculosus and a Heretofore Unknown Necturus in the Southern Appalachians. Journal of Herpetology, 2017, 51, 559.	0.5	1
13	Hybridization and the species problem in conservation. Environmental Epigenetics, 2015, 61, 206-216.	1.8	74
14	Extending the Concept of Diversity Partitioning to Characterize Phenotypic Complexity. American Naturalist, 2015, 186, 348-361.	2.1	27
15	Symbiote transmission and maintenance of extra-genomic associations. Frontiers in Microbiology, 2014, 5, 46.	3.5	35
16	Similarity and differentiation between bacteria associated with skin of salamanders (<i>Plethodon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	64
17	iteRates: An R Package for Implementing a Parametric Rate Comparison on Phylogenetic Trees. Evolutionary Bioinformatics, 2014, 10, EBO.S16487.	1.2	4
18	Doomed before they are described? The need for conservation assessments of cryptic species complexes using an amblyopsid cavefish (Amblyopsidae: Typhlichthys) as a case study. Biodiversity and Conservation, 2013, 22, 1799-1820.	2.6	58

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19	Transgressive Hybrids as Hopeful Monsters. Evolutionary Biology, 2013, 40, 310-315.	1.1	128
20	A PARAMETRIC METHOD FOR ASSESSING DIVERSIFICATION-RATE VARIATION IN PHYLOGENETIC TREES. Evolution; International Journal of Organic Evolution, 2013, 67, 368-377.	2.3	11
21	Lethal Effects of Water Quality on Threatened California Salamanders but Not on Coâ€Occurring Hybrid Salamanders. Conservation Biology, 2013, 27, 95-102.	4.7	18
22	EFFECTS OF CLIMATIC AND GEOLOGICAL PROCESSES DURING THE PLEISTOCENE ON THE EVOLUTIONARY HISTORY OF THE NORTHERN CAVEFISH,AMBLYOPSIS SPELAEA(TELEOSTEI: AMBLYOPSIDAE). Evolution; International Journal of Organic Evolution, 2013, 67, 1011-1025.	2.3	33
23	Tests of two methods for identifying founder effects in metapopulations reveal substantial type II error. Genetica, 2013, 141, 119-131.	1.1	9
24	Can genetic data confirm or refute historical records? The island invasion of the small Indian mongoose (Herpestes auropunctatus). Biological Invasions, 2013, 15, 2243-2251.	2.4	18
25	EVIDENCE FOR REPEATED LOSS OF SELECTIVE CONSTRAINT IN RHODOPSIN OF AMBLYOPSID CAVEFISHES (TELEOSTEI: AMBLYOPSIDAE). Evolution; International Journal of Organic Evolution, 2013, 67, 732-748.	2.3	82
26	Alternative forms for genomic clines. Ecology and Evolution, 2013, 3, 1951-1966.	1.9	64
27	Successive virgin births of viable male progeny in the checkered gartersnake,Thamnophis marcianus. Biological Journal of the Linnean Society, 2012, 107, 566-572.	1.6	20
28	Estimating ancestry and heterozygosity of hybrids using molecular markers. BMC Evolutionary Biology, 2012, 12, 131.	3.2	119
29	Underappreciated Consequences of Phenotypic Plasticity for Ecological Speciation. International Journal of Ecology, 2012, 2012, 1-12.	0.8	87
30	From genes to ecosystems. , 2012, , 269-286.		10
31	Hybridization between two gartersnake species (Thamnophis) of conservation concern: a threat or an important natural interaction?. Conservation Genetics, 2012, 13, 649-663.	1.5	13
32	Genetic analysis of an endemic archipelagic lizard reveals sympatric cryptic lineages and taxonomic discordance. Conservation Genetics, 2012, 13, 953-963.	1.5	4
33	DELIMITING SPECIES USING MULTILOCUS DATA: DIAGNOSING CRYPTIC DIVERSITY IN THE SOUTHERN CAVEFISH,TYPHLICHTHYS SUBTERRANEUS(TELEOSTEI: AMBLYOPSIDAE). Evolution; International Journal of Organic Evolution, 2012, 66, 846-866.	2.3	143
34	What can DNA tell us about biological invasions?. Biological Invasions, 2012, 14, 245-253.	2.4	133
35	Unexpected Shallow Genetic Divergence in Turks Island Boas (Epicrates c. chrysogaster) Reveals Single Evolutionarily Significant Unit for Conservation. Herpetologica, 2011, 67, 477-486.	0.4	14
36	Genetic variation and community change â€“ selection, evolution, and feedbacks. Functional Ecology, 2011, 25, 408-419.	3.6	47

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37	Population genetics of the Honduran spiny-tailed iguana Ctenosaura melanosterna: implications for conservation and management. Endangered Species Research, 2011, 14, 113-126.	2.4	7
38	Rapid spread of invasive genes into a threatened native species. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3606-3610.	7.1	178
39	Gene trees, species and species trees in the Ctenosaura palearis clade. Conservation Genetics, 2010, 11, 1767-1781.	1.5	14
40	Analysis of genetic diversity in flowering dogwood natural stands using microsatellites: the effects of dogwood anthracnose. Genetica, 2010, 138, 1047-1057.	1.1	20
41	Retention of low-fitness genotypes over six decades of admixture between native and introduced tiger salamanders. BMC Evolutionary Biology, 2010, 10, 147.	3.2	37
42	Relatedness and genetic structure in a socially polymorphic population of the spiderAnelosimus studiosus. Molecular Ecology, 2010, 19, 810-818.	3.9	24
43	Geography disentangles introgression from ancestral polymorphism in Lake Malawi cichlids. Molecular Ecology, 2010, 19, 940-951.	3.9	65
44	Patterns of differential introgression in a salamander hybrid zone: inferences from genetic data and ecological niche modelling. Molecular Ecology, 2010, 19, 4265-4282.	3.9	46
45	Population differences in behaviour are explained by shared withinâ€population trait correlations. Journal of Evolutionary Biology, 2010, 23, 748-756.	1.7	68
46	Invasive hybrid tiger salamander genotypes impact native amphibians. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11166-11171.	7.1	100
47	Gene flow between an endangered endemic iguana, and its wide spread relative, on the island of Utila, Honduras: when is hybridization a threat?. Conservation Genetics, 2009, 10, 1247-1254.	1.5	22
48	Frequency-dependent selection by wild birds promotes polymorphism in model salamanders. BMC Ecology, 2009, 9, 12.	3.0	46
49	Power and sample size for nested analysis of molecular variance. Molecular Ecology, 2009, 18, 3961-3966.	3.9	82
50	Pattern, process and geographic modes of speciation. Journal of Evolutionary Biology, 2009, 22, 2342-2347.	1.7	142
51	Rapid fixation of non-native alleles revealed by genome-wide SNP analysis of hybrid tiger salamanders. BMC Evolutionary Biology, 2009, 9, 176.	3.2	75
52	Hybrid Dysfunction: Population Genetic and Quantitative Genetic Perspectives. American Naturalist, 2008, 171, 491-498.	2.1	21
53	Dobzhanskyâ€“Muller model of hybrid dysfunction supported by poor burstâ€speed performance in hybrid tiger salamanders. Journal of Evolutionary Biology, 2008, 21, 342-351.	1.7	15
54	What, if anything, is sympatric speciation?. Journal of Evolutionary Biology, 2008, 21, 1452-1459.	1.7	188

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55	Recent divergence with gene flow in Tennessee cave salamanders (Plethodontidae:Gyrinophilus) inferred from gene genealogies. Molecular Ecology, 2008, 17, 2258-2275.	3.9	218
56	Distinctiveness in the face of gene flow: hybridization between specialist and generalist gartersnakes. Molecular Ecology, 2008, 17, 4107-4117.	3.9	42
57	Hybrid vigor between native and introduced salamanders raises new challenges for conservation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15793-15798.	7.1	141
58	Sympatric Speciation: Models and Empirical Evidence. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 459-487.	8.3	624
59	INTRODUCTION HISTORY AND HABITAT VARIATION EXPLAIN THE LANDSCAPE GENETICS OF HYBRID TIGER SALAMANDERS. , 2007, 17, 598-608.		55
60	ASSORTATIVE MATING IN POISON-DART FROGS BASED ON AN ECOLOGICALLY IMPORTANT TRAIT. Evolution; International Journal of Organic Evolution, 2007, 61, 2253-2259.	2.3	141
61	THE GEOGRAPHY OF MAMMALIAN SPECIATION: MIXED SIGNALS FROM PHYLOGENIES AND RANGE MAPS. Evolution; International Journal of Organic Evolution, 2006, 60, 601.	2.3	16
62	THE GEOGRAPHY OF MAMMALIAN SPECIATION: MIXED SIGNALS FROM PHYLOGENIES AND RANGE MAPS. Evolution; International Journal of Organic Evolution, 2006, 60, 601-615.	2.3	161
63	RATES OF EVOLUTION OF HYBRID INVIABILITY IN BIRDS AND MAMMALS. Evolution; International Journal of Organic Evolution, 2004, 58, 1865.	2.3	6
64	ENVIRONMENT-DEPENDENT ADMIXTURE DYNAMICS IN A TIGER SALAMANDER HYBRID ZONE. Evolution; International Journal of Organic Evolution, 2004, 58, 1282.	2.3	8
65	RATES OF EVOLUTION OF HYBRID INVIABILITY IN BIRDS AND MAMMALS. Evolution; International Journal of Organic Evolution, 2004, 58, 1865-1870.	2.3	127
66	ENVIRONMENT-DEPENDENT ADMIXTURE DYNAMICS IN A TIGER SALAMANDER HYBRID ZONE. Evolution; International Journal of Organic Evolution, 2004, 58, 1282-1293.	2.3	48
67	Morphology and escape performance of tiger salamander larvae (Ambystoma tigrinum mavortium). The Journal of Experimental Zoology, 2003, 297A, 147-159.	1.4	34
68	HYBRIDIZATION BETWEEN A RARE, NATIVE TIGER SALAMANDER (AMBYSTOMA CALIFORNIENSE) AND ITS INTRODUCED CONGENER. , 2003, 13, 1263-1275.		109
69	MOLECULAR CORRELATES OF REPRODUCTIVE ISOLATION. Evolution; International Journal of Organic Evolution, 2002, 56, 191.	2.3	7
70	MOLECULAR CORRELATES OF REPRODUCTIVE ISOLATION. Evolution; International Journal of Organic Evolution, 2002, 56, 191-198.	2.3	64