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	Sympatric Speciation: Models and Empirical Evidence. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 459-487.	8.3	624
2	Recent divergence with gene flow in Tennessee cave salamanders (Plethodontidae:Gyrinophilus) inferred from gene genealogies. Molecular Ecology, 2008, 17, 2258-2275.	3.9	218
3	What, if anything, is sympatric speciation?. Journal of Evolutionary Biology, 2008, 21, 1452-1459.	1.7	188
4	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
5	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
6	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
7	Pattern, process and geographic modes of speciation. Journal of Evolutionary Biology, 2009, 22, 2342-2347.	1.7	142
8	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
9	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
10	What can DNA tell us about biological invasions?. Biological Invasions, 2012, 14, 245-253.	2.4	133
11	Transgressive Hybrids as Hopeful Monsters. Evolutionary Biology, 2013, 40, 310-315.	1.1	128
12	RATES OF EVOLUTION OF HYBRID INVIABILITY IN BIRDS AND MAMMALS. Evolution; International Journal of Organic Evolution, 2004, 58, 1865-1870.	2.3	127
13	Estimating ancestry and heterozygosity of hybrids using molecular markers. BMC Evolutionary Biology, 2012, 12, 131.	3.2	119
14	HYBRIDIZATION BETWEEN A RARE, NATIVE TIGER SALAMANDER (AMBYSTOMA CALIFORNIENSE) AND ITS INTRODUCED CONGENER. , 2003, 13, 1263-1275.		109
15	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
16	Underappreciated Consequences of Phenotypic Plasticity for Ecological Speciation. International Journal of Ecology, 2012, 2012, 1-12.	0.8	87
17	Power and sample size for nested analysis of molecular variance. Molecular Ecology, 2009, 18, 3961-3966.	3.9	82
18	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

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19	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
20	Hybridization and the species problem in conservation. Environmental Epigenetics, 2015, 61, 206-216.	1.8	74
21	Population differences in behaviour are explained by shared withinâ€population trait correlations. Journal of Evolutionary Biology, 2010, 23, 748-756.	1.7	68
22	Geography disentangles introgression from ancestral polymorphism in Lake Malawi cichlids. Molecular Ecology, 2010, 19, 940-951.	3.9	65
23	MOLECULAR CORRELATES OF REPRODUCTIVE ISOLATION. Evolution; International Journal of Organic Evolution, 2002, 56, 191-198.	2.3	64
24	Alternative forms for genomic clines. Ecology and Evolution, 2013, 3, 1951-1966.	1.9	64
25	Similarity and differentiation between bacteria associated with skin of salamanders (<i>Plethodon) Tj ETQq1 1 0.784314 rgBT /Overlo	2.7	64
26	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
27	INTRODUCTION HISTORY AND HABITAT VARIATION EXPLAIN THE LANDSCAPE GENETICS OF HYBRID TIGER SALAMANDERS. , 2007, 17, 598-608.		55
28	ENVIRONMENT-DEPENDENT ADMIXTURE DYNAMICS IN A TIGER SALAMANDER HYBRID ZONE. Evolution; International Journal of Organic Evolution, 2004, 58, 1282-1293.	2.3	48
29	Genetic variation and community change â€“ selection, evolution, and feedbacks. Functional Ecology, 2011, 25, 408-419.	3.6	47
30	Frequency-dependent selection by wild birds promotes polymorphism in model salamanders. BMC Ecology, 2009, 9, 12.	3.0	46
31	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
32	Distinctiveness in the face of gene flow: hybridization between specialist and generalist gartersnakes. Molecular Ecology, 2008, 17, 4107-4117.	3.9	42
33	Pairwise beta diversity resolves an underappreciated source of confusion in calculating species turnover. Ecology, 2017, 98, 933-939.	3.2	40
34	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
35	Symbiote transmission and maintenance of extra-genomic associations. Frontiers in Microbiology, 2014, 5, 46.	3.5	35
36	Morphology and escape performance of tiger salamander larvae (Ambystoma tigrinum mavortium). The Journal of Experimental Zoology, 2003, 297A, 147-159.	1.4	34

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37	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
38	Extending the Concept of Diversity Partitioning to Characterize Phenotypic Complexity. American Naturalist, 2015, 186, 348-361.	2.1	27
39	Relatedness and genetic structure in a socially polymorphic population of the spiderAnelosimus studiosus. Molecular Ecology, 2010, 19, 810-818.	3.9	24
40	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
41	Hybrid Dysfunction: Population Genetic and Quantitative Genetic Perspectives. American Naturalist, 2008, 171, 491-498.	2.1	21
42	Analysis of genetic diversity in flowering dogwood natural stands using microsatellites: the effects of dogwood anthracnose. Genetica, 2010, 138, 1047-1057.	1.1	20
43	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
44	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
45	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
46	Genome scale assessment of a species translocation program. Conservation Genetics, 2017, 18, 1191-1199.	1.5	17
47	THE GEOGRAPHY OF MAMMALIAN SPECIATION: MIXED SIGNALS FROM PHYLOGENIES AND RANGE MAPS. Evolution; International Journal of Organic Evolution, 2006, 60, 601.	2.3	16
48	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
49	Gene trees, species and species trees in the Ctenosaura palearis clade. Conservation Genetics, 2010, 11, 1767-1781.	1.5	14
50	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
51	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
52	A PARAMETRIC METHOD FOR ASSESSING DIVERSIFICATION-RATE VARIATION IN PHYLOGENETIC TREES. Evolution; International Journal of Organic Evolution, 2013, 67, 368-377.	2.3	11
53	From genes to ecosystems. , 2012, , 269-286.		10
54	A hierarchical Bayesian model to incorporate uncertainty into methods for diversity partitioning. Ecology, 2018, 99, 947-956.	3.2	10

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55	Morphological Polymorphism Associated with Alternative Reproductive Tactics in a Plethodontid Salamander. American Naturalist, 2019, 193, 608-618.	2.1	10
56	Tests of two methods for identifying founder effects in metapopulations reveal substantial type II error. Genetica, 2013, 141, 119-131.	1.1	9
57	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
58	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
59	ENVIRONMENT-DEPENDENT ADMIXTURE DYNAMICS IN A TIGER SALAMANDER HYBRID ZONE. Evolution; International Journal of Organic Evolution, 2004, 58, 1282.	2.3	8
60	MOLECULAR CORRELATES OF REPRODUCTIVE ISOLATION. Evolution; International Journal of Organic Evolution, 2002, 56, 191.	2.3	7
61	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
62	RATES OF EVOLUTION OF HYBRID INVIABILITY IN BIRDS AND MAMMALS. Evolution; International Journal of Organic Evolution, 2004, 58, 1865.	2.3	6
63	Breeding behaviour predicts patterns of natural hybridization in North American minnows (Cyprinidae). Journal of Evolutionary Biology, 2021, 34, 486-500.	1.7	6
64	Genetic data reveal fine-scale ecological segregation between larval plethodontid salamanders in replicate contact zones. Evolutionary Ecology, 2021, 35, 309-322.	1.2	5
65	Genetic analysis of an endemic archipelagic lizard reveals sympatric cryptic lineages and taxonomic discordance. Conservation Genetics, 2012, 13, 953-963.	1.5	4
66	iteRates: An R Package for Implementing a Parametric Rate Comparison on Phylogenetic Trees. Evolutionary Bioinformatics, 2014, 10, EBO.S16487.	1.2	4
67	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
68	Amphibious mudskipper populations are genetically connected along coastlines, but differentiated across water. Journal of Biogeography, 2022, 49, 767-779.	3.0	4
69	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
70	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