

H Bradley Shaffer

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147
papers

7,181
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166
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8,193
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
147	Spatial Tests of the Pesticide Drift, Habitat Destruction, UV-B, and Climate-Change Hypotheses for California Amphibian Declines. <i>Conservation Biology</i> , 2002 , 16, 1588-1601	6	242
146	Tests of turtle phylogeny: molecular, morphological, and paleontological approaches. <i>Systematic Biology</i> , 1997 , 46, 235-68	8.4	236
145	The western painted turtle genome, a model for the evolution of extreme physiological adaptations in a slowly evolving lineage. <i>Genome Biology</i> , 2013 , 14, R28	18.3	227
144	Assessing concordance of fossil calibration points in molecular clock studies: an example using turtles. <i>American Naturalist</i> , 2005 , 165, 137-46	3.7	227
143	Troubleshooting Molecular Phylogenetic Analyses. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002 , 33, 49-72		206
142	The Decline of Amphibians in California's Great Central Valley. <i>Conservation Biology</i> , 1996 , 10, 1387-1397		190
141	THE POLYTYPIC SPECIES REVISITED: GENETIC DIFFERENTIATION AND MOLECULAR PHYLOGENETICS OF THE TIGER SALAMANDER AMBYSTOMA TIGRINUM (AMPHIBIA: CAUDATA) COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 417-433	3.8	170
140	Delimiting species in recent radiations. <i>Systematic Biology</i> , 2007 , 56, 896-906	8.4	158
139	Phylogenetic hypotheses for the turtle family Geoemydidae. <i>Molecular Phylogenetics and Evolution</i> , 2004 , 32, 164-82	4.1	154
138	Rapid spread of invasive genes into a threatened native species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 3606-10	11.5	153
137	DECLINES OF THE CALIFORNIA RED-LEGGED FROG: CLIMATE, UV-B, HABITAT, AND PESTICIDES HYPOTHESES 2001 , 11, 464-479		150
136	Landscape genetics and least-cost path analysis reveal unexpected dispersal routes in the California tiger salamander (<i>Ambystoma californiense</i>). <i>Molecular Ecology</i> , 2009 , 18, 1365-74	5.7	144
135	Incorporating model complexity and spatial sampling bias into ecological niche models of climate change risks faced by 90 California vertebrate species of concern. <i>Diversity and Distributions</i> , 2014 , 20, 334-343	5	142
134	Sparse supermatrices for phylogenetic inference: taxonomy, alignment, rogue taxa, and the phylogeny of living turtles. <i>Systematic Biology</i> , 2010 , 59, 42-58	8.4	138
133	Effects of chytrid and carbaryl exposure on survival, growth and skin peptide defenses in foothill yellow-legged frogs. <i>Environmental Science & Technology</i> , 2007 , 41, 1771-6	10.3	127
132	Molecular phylogenetics and evolution of turtles. <i>Molecular Phylogenetics and Evolution</i> , 2005 , 37, 178-91	4.1	119
131	Functional morphology of the feeding mechanism in aquatic ambystomatid salamanders. <i>Journal of Morphology</i> , 1985 , 185, 297-326	1.6	114

130	PATTERNS OF VARIATION IN AQUATIC AMBYSTOMATID SALAMANDERS: KINEMATICS OF THE FEEDING MECHANISM. <i>Evolution; International Journal of Organic Evolution</i> , 1985 , 39, 83-92	3.8	102
129	Hybrid vigor between native and introduced salamanders raises new challenges for conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15793-8	11.5	101
128	Turtle phylogeny: insights from a novel nuclear intron. <i>Molecular Phylogenetics and Evolution</i> , 2004 , 31, 1031-40	4.1	100
127	Parallel tagged amplicon sequencing reveals major lineages and phylogenetic structure in the North American tiger salamander (<i>Ambystoma tigrinum</i>) species complex. <i>Molecular Ecology</i> , 2013 , 22, 111-29	5.7	98
126	AMPHIBIAN UPLAND HABITAT USE AND ITS CONSEQUENCES FOR POPULATION VIABILITY 2005 , 15, 1158-1168		93
125	Molecular systematics, phylogeography, and the effects of Pleistocene glaciation in the painted turtle (<i>Chrysemys picta</i>) complex. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 119-28	3.8	92
124	Conflicting mitochondrial and nuclear phylogenies for the widely disjunct Emys (Testudines: Emydidae) species complex, and what they tell us about biogeography and hybridization. <i>Systematic Biology</i> , 2009 , 58, 1-20	8.4	91
123	HYBRIDIZATION BETWEEN A RARE, NATIVE TIGER SALAMANDER (<i>AMBYSTOMA CALIFORNIENSE</i>) AND ITS INTRODUCED CONGENER 2003 , 13, 1263-1275		89
122	When Molecules and Morphology Clash: A Phylogenetic Analysis of the North American Ambystomatid Salamanders (Caudata: Ambystomatidae). <i>Systematic Zoology</i> , 1991 , 40, 284		89
121	The Polytypic Species Revisited: Genetic Differentiation and Molecular Phylogenetics of the Tiger Salamander <i>Ambystoma tigrinum</i> (Amphibia: Caudata) Complex. <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 417	3.8	88
120	Multiple data sets, high homoplasy, and the phylogeny of softshell turtles (Testudines: Trionychidae). <i>Systematic Biology</i> , 2004 , 53, 693-710	8.4	87
119	Hybridization and endangered species protection in the molecular era. <i>Molecular Ecology</i> , 2016 , 25, 2680-9	5.9	86
118	The genetics of amphibian declines: population substructure and molecular differentiation in the yosemite toad, <i>Bufo canorus</i> (Anura, bufonidae) based on single-strand conformation polymorphism analysis (SSCP) and mitochondrial DNA sequence data. <i>Molecular Ecology</i> , 2000 , 9, 245-57	5.7	84
117	Survival of the western pond turtle (<i>Emys marmorata</i>) in an urban California environment. <i>Biological Conservation</i> , 2003 , 113, 257-267	6.2	83
116	SPATIALLY AUTOCORRELATED DEMOGRAPHY AND INTERPOND DISPERSAL IN THE SALAMANDER <i>AMBYSTOMA CALIFORNIENSE</i> . <i>Ecology</i> , 2001 , 82, 3519-3530	4.6	79
115	Fourteen nuclear genes provide phylogenetic resolution for difficult nodes in the turtle tree of life. <i>Molecular Phylogenetics and Evolution</i> , 2010 , 55, 1189-94	4.1	74
114	Global Conservation Status of Turtles and Tortoises (Order Testudines). <i>Chelonian Conservation and Biology</i> , 2018 , 17, 135	0.9	74
113	Ontogeny of functional design in tiger salamanders (<i>Ambystoma tigrinum</i>): Are motor patterns conserved during major morphological transformations?. <i>Journal of Morphology</i> , 1988 , 197, 249-268	1.6	73

112	Functional design of the feeding mechanism in lower vertebrates: unidirectional and bidirectional flow systems in the tiger salamander. <i>Zoological Journal of the Linnean Society</i> , 1986 , 88, 277-290	2.4	72
111	Rapid fixation of non-native alleles revealed by genome-wide SNP analysis of hybrid tiger salamanders. <i>BMC Evolutionary Biology</i> , 2009 , 9, 176	3	68
110	Life History and Demographic Variation in the California Tiger Salamander (<i>Ambystoma californiense</i>). <i>Copeia</i> , 2000 , 2000, 365-377	1.1	68
109	Turtles of the World: Annotated Checklist and Atlas of Taxonomy, Synonymy, Distribution, and Conservation Status (8th Ed.)		66
108	Range-wide molecular analysis of the western pond turtle (<i>Emys marmorata</i>): cryptic variation, isolation by distance, and their conservation implications. <i>Molecular Ecology</i> , 2005 , 14, 2047-64	5.7	65
107	Multiple nuclear gene sequences identify phylogenetic species boundaries in the rapidly radiating clade of Mexican ambystomatid salamanders. <i>Molecular Ecology</i> , 2006 , 15, 2489-503	5.7	61
106	Aquatic prey capture in ambystomatid salamanders: patterns of variation in muscle activity. <i>Journal of Morphology</i> , 1985 , 183, 273-84	1.6	61
105	Do Ecological Niche Models Accurately Identify Climatic Determinants of Species Ranges?. <i>American Naturalist</i> , 2016 , 187, 423-35	3.7	59
104	Turtles and Tortoises Are in Trouble. <i>Current Biology</i> , 2020 , 30, R721-R735	6.3	58
103	The molecular phylogenetics of endangerment: cryptic variation and historical phylogeography of the California tiger salamander, <i>Ambystoma californiense</i> . <i>Molecular Ecology</i> , 2004 , 13, 3033-49	5.7	57
102	EVOLUTION IN A PAEDOMORPHIC LINEAGE. I. AN ELECTROPHORETIC ANALYSIS OF THE MEXICAN AMBYSTOMATID SALAMANDERS. <i>Evolution; International Journal of Organic Evolution</i> , 1984 , 38, 1194-1206	2.8	57
101	Developing markers for multilocus phylogenetics in non-model organisms: A test case with turtles. <i>Molecular Phylogenetics and Evolution</i> , 2008 , 49, 514-25	4.1	56
100	Phylogenetic and Mechanistic Analysis of A Developmentally Integrated Character Complex: Alternate Life History Modes in Ambystomatid Salamanders1. <i>American Zoologist</i> , 1996 , 36, 24-35		55
99	Conservation phylogenetics of the Asian box turtles (Geoemydidae, Cuora): mitochondrial introgression, numts, and inferences from multiple nuclear loci. <i>Conservation Genetics</i> , 2007 , 8, 641-657	2.6	53
98	Phylogeographic concordance in the southeastern United States: the flatwoods salamander, <i>Ambystoma cingulatum</i> , as a test case. <i>Molecular Ecology</i> , 2007 , 16, 415-29	5.7	53
97	Genomewide SNP markers breathe new life into phylogeography and species delimitation for the problematic short-necked turtles (Chelidae: <i>Emydura</i>) of eastern Australia. <i>Molecular Ecology</i> , 2018 , 27, 5195-5213	5.7	53
96	Landscape genetics of alpine Sierra Nevada salamanders reveal extreme population subdivision in space and time. <i>Molecular Ecology</i> , 2010 , 19, 3301-14	5.7	51
95	Species boundaries, phylogeography and conservation genetics of the red-legged frog (<i>Rana aurora/draytonii</i>) complex. <i>Molecular Ecology</i> , 2004 , 13, 2667-77	5.7	51

94	Introduction history and habitat variation explain the landscape genetics of hybrid tiger salamanders 2007 , 17, 598-608		49
93	Species limits and phylogeography of North American cricket frogs (Acris: Hylidae). <i>Molecular Phylogenetics and Evolution</i> , 2008 , 48, 112-25	4.1	46
92	Environment-dependent admixture dynamics in a tiger salamander hybrid zone. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 1282-93	3.8	45
91	THE EFFECTS OF KIN-STRUCTURED COLONIZATION ON NUCLEAR AND CYTOPLASMIC GENETIC DIVERSITY. <i>Evolution; International Journal of Organic Evolution</i> , 1994 , 48, 1114-1120	3.8	45
90	Conservation genetics and genomics of amphibians and reptiles. <i>Annual Review of Animal Biosciences</i> , 2015 , 3, 113-38	13.7	44
89	Phylogenetics of Model Organisms: The Laboratory Axolotl, <i>Ambystoma Mexicanum</i> . <i>Systematic Biology</i> , 1993 , 42, 508-522	8.4	43
88	The advantages of going large: genome-wide SNPs clarify the complex population history and systematics of the threatened western pond turtle. <i>Molecular Ecology</i> , 2014 , 23, 2228-41	5.7	41
87	Assessing what is needed to resolve a molecular phylogeny: simulations and empirical data from emydid turtles. <i>BMC Evolutionary Biology</i> , 2009 , 9, 56	3	41
86	The Consequences of Metamorphosis on Salamander (<i>Ambystoma</i>) Locomotor Performance. <i>Physiological Zoology</i> , 1991 , 64, 212-231		41
85	Exon capture optimization in amphibians with large genomes. <i>Molecular Ecology Resources</i> , 2016 , 16, 1084-94	8.4	40
84	Phylogenomic analyses of 539 highly informative loci dates a fully resolved time tree for the major clades of living turtles (Testudines). <i>Molecular Phylogenetics and Evolution</i> , 2017 , 115, 7-15	4.1	39
83	Nuclear gene phylogeography reveals the historical legacy of an ancient inland sea on lineages of the western pond turtle, <i>Emys marmorata</i> in California. <i>Molecular Ecology</i> , 2010 , 19, 542-56	5.7	38
82	Misleading phylogenetic inferences based on single-exemplar sampling in the turtle genus <i>Pseudemys</i> . <i>Molecular Phylogenetics and Evolution</i> , 2013 , 68, 269-81	4.1	37
81	Amphibian molecular ecology and how it has informed conservation. <i>Molecular Ecology</i> , 2015 , 24, 5084-109	5.7	33
80	Multiple sources of uncertainty affect metrics for ranking conservation risk under climate change. <i>Diversity and Distributions</i> , 2015 , 21, 111-122	5	32
79	Retention of low-fitness genotypes over six decades of admixture between native and introduced tiger salamanders. <i>BMC Evolutionary Biology</i> , 2010 , 10, 147	3	32
78	Effective population size is strongly correlated with breeding pond size in the endangered California tiger salamander, <i>Ambystoma californiense</i> . <i>Conservation Genetics</i> , 2011 , 12, 911-920	2.6	31
77	Evolution in a Paedomorphic Lineage. I. An Electrophoretic Analysis of the Mexican <i>Ambystomatid</i> Salamanders. <i>Evolution; International Journal of Organic Evolution</i> , 1984 , 38, 1194	3.8	31

76	Species boundaries and phylogenetic relationships in the critically endangered Asian box turtle genus <i>Cuora</i> . <i>Molecular Phylogenetics and Evolution</i> , 2012 , 63, 656-67	4.1	28
75	Rangewide phylogeography and landscape genetics of the Western U.S. endemic frog <i>Rana boylei</i> (Ranidae): implications for the conservation of frogs and rivers. <i>Conservation Genetics</i> , 2011 , 12, 269-284	2.6	27
74	EVOLUTION IN A PAEDOMORPHIC LINEAGE. II. ALLOMETRY AND FORM IN THE MEXICAN AMBYSTOMATID SALAMANDERS. <i>Evolution; International Journal of Organic Evolution</i> , 1984 , 38, 1207-1218	3.8	27
73	Patterns of Variation in Aquatic Ambystomatid Salamanders: Kinematics of the Feeding Mechanism. <i>Evolution; International Journal of Organic Evolution</i> , 1985 , 39, 83	3.8	27
72	The influence of locus number and information content on species delimitation: an empirical test case in an endangered Mexican salamander. <i>Molecular Ecology</i> , 2016 , 25, 5959-5974	5.7	25
71	Advances in climate models from CMIP3 to CMIP5 do not change predictions of future habitat suitability for California reptiles and amphibians. <i>Climatic Change</i> , 2016 , 134, 579-591	4.5	25
70	Microhabitat use and migration distance of an endangered grassland amphibian. <i>Biological Conservation</i> , 2013 , 158, 80-87	6.2	25
69	Rapid progress on the vertebrate tree of life. <i>BMC Biology</i> , 2010 , 8, 19	7.3	25
68	Genomic data recover previously undetectable fragmentation effects in an endangered amphibian. <i>Molecular Ecology</i> , 2018 , 27, 4430-4443	5.7	25
67	The origin of tiger salamander (<i>Ambystoma tigrinum</i>) populations in California, Oregon, and Nevada: introductions or relicts?. <i>Conservation Genetics</i> , 2011 , 12, 355-370	2.6	23
66	Phylogeny and temporal diversification of the New World pond turtles (Emydidae). <i>Molecular Phylogenetics and Evolution</i> , 2016 , 103, 85-97	4.1	23
65	Delayed life history effects, multilevel selection, and evolutionary trade-offs in the California tiger salamander. <i>Ecology</i> , 2014 , 95, 68-77	4.6	21
64	Spatially Autocorrelated Demography and Interpond Dispersal in the Salamander <i>Ambystoma californiense</i> . <i>Ecology</i> , 2001 , 82, 3519	4.6	21
63	Evolution in a Paedomorphic Lineage. II. Allometry and Form in the Mexican Ambystomatid Salamanders. <i>Evolution; International Journal of Organic Evolution</i> , 1984 , 38, 1207	3.8	20
62	Cryptic diversity in metropolis: confirmation of a new leopard frog species (Anura: Ranidae) from New York City and surrounding Atlantic coast regions. <i>PLoS ONE</i> , 2014 , 9, e108213	3.7	20
61	A global phylogeny of turtles reveals a burst of climate-associated diversification on continental margins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	20
60	An empirical pipeline for choosing the optimal clustering threshold in RADseq studies. <i>Molecular Ecology Resources</i> , 2019 , 19, 1195-1204	8.4	19
59	Genotype and temperature affect locomotor performance in a tiger salamander hybrid swarm. <i>Functional Ecology</i> , 2010 , 24, 1073-1080	5.6	19

58	Biochemical Identification and Assessment of Population Subdivision in Morphologically Similar Native and Invading Smelt Species (<i>Hypomesus</i>) in the Sacramento-San Joaquin Estuary, California. <i>Transactions of the American Fisheries Society</i> , 1998 , 127, 417-424	1.7	19
57	Population genomic data reveal extreme geographic subdivision and novel conservation actions for the declining foothill yellow-legged frog. <i>Heredity</i> , 2018 , 121, 112-125	3.6	19
56	Field validation supports novel niche modeling strategies in a cryptic endangered amphibian. <i>Ecography</i> , 2014 , 37, 983-992	6.5	17
55	Effects of tail-clipping on survivorship and growth of larval salamanders. <i>Journal of Wildlife Management</i> , 2013 , 77, 1420-1425	1.9	17
54	Multilocus phylogeny of the New-World mud turtles (Kinosternidae) supports the traditional classification of the group. <i>Molecular Phylogenetics and Evolution</i> , 2014 , 76, 254-60	4.1	17
53	Calculating biologically accurate mitigation credits: insights from the California tiger salamander. <i>Conservation Biology</i> , 2008 , 22, 997-1005	6	17
52	Candidate gene analysis of thyroid hormone receptors in metamorphosing vs. nonmetamorphosing salamanders. <i>Heredity</i> , 2000 , 85 (Pt 2), 107-14	3.6	17
51	The Relationship between Allozyme Variation and Life History: Non-Transforming Salamanders Are Less Variable. <i>Copeia</i> , 1989 , 1989, 1016	1.1	17
50	Individual heterozygosity predicts translocation success in threatened desert tortoises. <i>Science</i> , 2020 , 370, 1086-1089	33.3	17
49	An amphibian chemical defense phenotype is inducible across life history stages. <i>Scientific Reports</i> , 2017 , 7, 8185	4.9	16
48	A new species of leopard frog (Anura: Ranidae) from the urban northeastern US. <i>Molecular Phylogenetics and Evolution</i> , 2012 , 63, 445-55	4.1	16
47	Individual fluctuations in toxin levels affect breeding site fidelity in a chemically defended amphibian. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	16
46	Determinants of size at metamorphosis in an endangered amphibian and their projected effects on population stability. <i>Oikos</i> , 2015 , 124, 724-731	4	15
45	Cryptic variation and the tragedy of unrecognized taxa: the case of international trade in the spiny turtle <i>Heosemys spinosa</i> (Testudines: Geoemydidae). <i>Zoological Journal of the Linnean Society</i> , 2012 , 164, 811-824	2.4	15
44	Lethal effects of water quality on threatened California salamanders but not on co-occurring hybrid salamanders. <i>Conservation Biology</i> , 2013 , 27, 95-102	6	15
43	The Earth BioGenome Project 2020: Starting the clock.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	15
42	Population genetic and field-ecological analyses return similar estimates of dispersal over space and time in an endangered amphibian. <i>Evolutionary Applications</i> , 2017 , 10, 630-639	4.8	14
41	The Status of the California Tiger Salamander (<i>Ambystoma californiense</i>) at Lagunita: A 50-Year Update. <i>Journal of Herpetology</i> , 1994 , 28, 159	1.1	14

40	Ecological equivalency as a tool for endangered species management. <i>Ecological Applications</i> , 2016 , 26, 94-103	4.9	13
39	Amphibian responses in the aftermath of extreme climate events. <i>Scientific Reports</i> , 2020 , 10, 3409	4.9	12
38	Molecular phylogeny and divergence of the map turtles (Emydidae: Graptemys). <i>Molecular Phylogenetics and Evolution</i> , 2018 , 121, 61-70	4.1	12
37	Assessing effects of non-native crayfish on mosquito survival. <i>Conservation Biology</i> , 2019 , 33, 122-131	6	11
36	Habitat Features Determine the Basking Distribution of Introduced Red-Eared Sliders and Native Western Pond Turtles. <i>Chelonian Conservation and Biology</i> , 2013 , 12, 192-199	0.9	11
35	Distribution and Abundance of Invasive Red-Eared Sliders (<i>Trachemys scripta elegans</i>) in California's Sacramento River Basin and Possible Impacts on Native Western Pond Turtles (<i>Emys marmorata</i>). <i>Chelonian Conservation and Biology</i> , 2010 , 9, 297-302	0.9	11
34	Genetic structure and environmental niche modeling confirm two evolutionary and conservation units within the western spadefoot (<i>Spea hammondi</i>). <i>Conservation Genetics</i> , 2018 , 19, 937-946	2.6	10
33	Conservation and genetics of the frosted flatwoods salamander (<i>Ambystoma cingulatum</i>) on the Atlantic coastal plain. <i>Conservation Genetics</i> , 2012 , 13, 1-7	2.6	10
32	ENVIRONMENT-DEPENDENT ADMIXTURE DYNAMICS IN A TIGER SALAMANDER HYBRID ZONE. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 1282	3.8	8
31	MOLECULAR SYSTEMATICS, PHYLOGEOGRAPHY, AND THE EFFECTS OF PLEISTOCENE GLACIATION IN THE PAINTED TURTLE (<i>CHRYSEMYS PICTA</i>) COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 119	3.8	8
30	Biosystematics of <i>Ambystoma rosaceum</i> and <i>A. tigrinum</i> in Northwestern Mexico. <i>Copeia</i> , 1983 , 1983, 67	1.1	8
29	Occurrence of <i>Batrachochytrium dendrobatidis</i> in anurans of the Mediterranean region of Baja California, México. <i>Diseases of Aquatic Organisms</i> , 2018 , 127, 193-200	1.7	8
28	Phylogenetic Uncertainty and Taxonomic Re-revisions: An Example from the Australian Short-necked Turtles (Testudines: Chelidae). <i>Copeia</i> , 2015 , 103, 536-540	1.1	7
27	Testing avian, squamate, and mammalian nuclear markers for cross amplification in turtles. <i>Conservation Genetics Resources</i> , 2010 , 2, 127-129	0.8	7
26	Morphological and genetic variation in the endangered Sulawesi tortoise <i>Indotestudo forstenii</i> : evidence of distinct lineages?. <i>Conservation Genetics</i> , 2008 , 9, 709-713	2.6	7
25	Experimental removal of introduced slider turtles offers new insight into competition with a native, threatened turtle. <i>PeerJ</i> , 2019 , 7, e7444	3.1	6
24	Introduction to Theme Genomics in Ecology, Evolution, and Systematics <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2013 , 44, 1-4	13.5	5
23	Shallow genetic divergence indicates a Congo Nile riverine connection for the softshell turtle <i>Trionyx triunguis</i> . <i>Conservation Genetics</i> , 2011 , 12, 589-594	2.6	5

22	Landscape genomic signatures indicate reduced gene flow and forest-associated adaptive divergence in an endangered neotropical turtle. <i>Molecular Ecology</i> , 2019 , 28, 2757-2771	5.7	3
21	Coexistence within an endangered predator-prey community in California vernal pools. <i>Freshwater Biology</i> , 2021 , 66, 1296-1310	3.1	3
20	Allele-specific expression and gene regulation help explain transgressive thermal tolerance in non-native hybrids of the endangered California tiger salamander (<i>Ambystoma californiense</i>). <i>Molecular Ecology</i> , 2021 , 30, 987-1004	5.7	3
19	Reptiles of Katavi National Park, western Tanzania, are from different biomes. <i>African Journal of Ecology</i> , 2011 , 49, 377-382	0.8	2
18	Historical museum collections and contemporary population studies implicate roads and introduced predatory bullfrogs in the decline of western pond turtles. <i>PeerJ</i> , 2020 , 8, e9248	3.1	2
17	Population Genomics of the Foothill Yellow-Legged Frog (<i>Rana boylii</i>) and RADseq Parameter Choice for Large-Genome Organisms		2
16	Desert Tortoises in the Genomic Age: Population Genetics and the Landscape		2
15	Genomic Data from an Endangered Amphibian Reveal Unforeseen Consequences of Fragmentation by Roads		2
14	Demographic inference in a spatially-explicit ecological model from genomic data: a proof of concept for the Mojave Desert Tortoise		2
13	Allele specific expression and gene regulation explain transgressive thermal tolerance in non-native hybrids of the endangered California tiger salamander (<i>Ambystoma californiense</i>)		2
12	Intended consequences statement. <i>Conservation Science and Practice</i> , 2021 , 3, e371	2.2	2
11	Geography is more important than life history in the recent diversification of the tiger salamander complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
10	Follow-up ecological studies for cryptic species discoveries: Decrypting the leopard frogs of the eastern U.S. <i>PLoS ONE</i> , 2018 , 13, e0205805	3.7	2
9	Conservation Genomics of the Threatened Western Spadefoot, <i>Spea hammondi</i> , in Urbanized Southern California. <i>Journal of Heredity</i> , 2020 , 111, 613-627	2.4	1
8	Phylogeographic Origin of California Slender Salamanders (<i>Batrachoseps attenuatus</i>) in the Sutter Buttes. <i>Journal of Herpetology</i> , 2021 , 55,	1.1	1
7	Herpetology. B. Harvey Pough, R. M. Andrews, J. E. Cadle, M. L. Crump, A. H. Savitzky, and K. D. Wells. 1998. Prentice-Hall, Upper Saddle River, New Jersey.. <i>Systematic Biology</i> , 1998 , 47, 763-764	8.4	0
6	A watershed moment: Analysis of sub-basins refocuses the geography of turtle conservation across the globe. <i>Biological Conservation</i> , 2021 , 253, 108925	6.2	0
5	Coevolution between MHC Class I and Antigen-Processing Genes in Salamanders. <i>Molecular Biology and Evolution</i> , 2021 , 38, 5092-5106	8.3	0

- 4 Optimizing management of invasions in an uncertain world using dynamic spatial models..
Ecological Applications, **2022**, e2628 4.9 ○
- 3 The Amphibians, Reptiles and a Whole Lot More. *Conservation Biology*, **2004**, 18, 1440-1447 6
- 2 Response to Comment on "Individual heterozygosity predicts translocation success in threatened desert tortoises". *Science*, **2021**, 372, 33-3
- 1 Chapter 15. Evolution and Conservation **2016**, 220-237