Thomas E Dowling

List of Publications by Year
in descending order

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36 papers	1,973 citations	361413 20 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	1783 citing authors

#	Article	IF	Citations
1	The Role of Hybridization and Introgression in the Diversification of Animals. Annual Review of Ecology, Evolution, and Systematics, 1997, 28, 593-619.	6.7	546
2	Evolutionary significance of introgressive hybridization in cyprinid fishes. Nature, 1993, 362, 444-446.	27.8	203
3	Evidence for Multiple Genetic Forms with Similar Eyeless Phenotypes in the Blind Cavefish, Astyanax mexicanus. Molecular Biology and Evolution, 2002, 19, 446-455.	8.9	165
4	A Conservation Plan for Native Fishes of the Lower Colorado River. BioScience, 2003, 53, 219.	4.9	124
5	THE EXTENT OF INTROGRESSION OUTSIDE THE CONTACT ZONE BETWEEN NOTROPIS CORNUTUS AND NOTROPIS CHRYSOCEPHALUS (TELEOSTEI: CYPRINIDAE). Evolution; International Journal of Organic Evolution, 1991, 45, 944-956.	2.3	74
6	EFFECTS OF INTRINSIC AND EXTRINSIC FACTORS ON POPULATION FRAGMENTATION IN THREE SPECIES OF NORTH AMERICAN MINNOWS (TELEOSTEI: CYPRINIDAE). Evolution; International Journal of Organic Evolution, 1996, 50, 1280-1292.	2.3	70
7	Response of grazing snails to phosphorus enrichment of modern stromatolitic microbial communities. Freshwater Biology, 2005, 50, 1826-1835.	2.4	60
8	THE ROLE OF INTROGRESSIVE HYBRIDIZATION IN THE EVOLUTION OF THE GILA ROBUSTA COMPLEX (TELEOSTEI: CYPRINIDAE). Evolution; International Journal of Organic Evolution, 2001, 55, 2028-2039.	2.3	59
9	Neglected Taxonomy of Rare Desert Fishes: Congruent Evidence for Two Species of Leatherside Chub. Systematic Biology, 2004, 53, 841-855.	5.6	54
10	Variable microsatellite markers amplify across divergent lineages of cyprinid fishes (subfamily) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.5	51
11	DEVELOPMENT OF THE HYBRID SWARM BETWEEN PECOS PUPFISH (CYPRINODONTIDAE: CYPRINODON) Tj ETQq1 1 0.784314 rg ALLOZYMES AND mtDNA. Evolution; International Journal of Organic Evolution, 1996, 50, 2014-2022.	2.3	48
12	MITOCHONDRIAL DNA VARIATION AND EVOLUTION OF THE DEATH VALLEY PUPFISHES (CYPRINODON ,) Tj ETQq0 0 0 rgBT /Ove	2.3	43
13	POPULATION STRUCTURE OF THE BOTTLENOSE DOLPHIN (TURSIOPS TRUNCATUS) AS DETERMINED BY RESTRICTION ENDONUCLEASE ANALYSIS OF MITOCHONDRIAL DNA. Marine Mammal Science, 1993, 9, 138-155.	1.8	41
14	Effects of Intrinsic and Extrinsic Factors on Population Fragmentation in Three Species of North American Minnows (Teleostei: Cyprinidae). Evolution; International Journal of Organic Evolution, 1996, 50, 1280.	2.3	41
15	Use of Genetic Characters in Conservation Biology. Conservation Biology, 1992, 6, 7-8.	4.7	39
16	Mitochondrial DNA Variability in the Endangered Razorback Sucker (Xyrauchen texanus): Analysis of Hatchery Stocks and Implications for Captive Propagation. Conservation Biology, 1996, 10, 120-127.	4.7	34
17	Influence of Introgression and Geological Processes on Phylogenetic Relationships of Western North American Mountain Suckers (Pantosteus, Catostomidae). PLoS ONE, 2014, 9, e90061.	2.5	33
18	SIGNIFICANT ROLE FOR HISTORICAL EFFECTS IN THE EVOLUTION OF REPRODUCTIVE ISOLATION: EVIDENCE FROM PATTERNS OF INTROGRESSION BETWEEN THE CYPRINID FISHES, LUXILUS CORNUTUS AND LUXILUS CHRYSOCEPHALUS. Evolution; International Journal of Organic Evolution, 1997, 51, 1574-1583.	2.3	28

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19	Long-term effective population size of three endangered Colorado River fishes. Animal Conservation, 2002, 5, 95-102.	2.9	27
20	Introgressive Hybridization and the Evolution of Lake-Adapted Catostomid Fishes. PLoS ONE, 2016, 11, e0149884.	2.5	25
21	Semi-permeable species boundaries in Iberian barbels (Barbus and Luciobarbus, Cyprinidae). BMC Evolutionary Biology, 2015, 15, 111.	3.2	23
22	Population prioritization for conservation of imperilled warmwater fishes in an aridâ€region drainage. Aquatic Conservation: Marine and Freshwater Ecosystems, 2012, 22, 498-510.	2.0	22
23	EVIDENCE THAT AN OUTCROSSING POPULATION IS A DERIVED LINEAGE IN A HERMAPHRODITIC FISH () Tj ETQq1 1 0.784314 rgBT /Ove 1217-1225.	2.3	21
24	Timeâ€series analysis reveals genetic responses to intensive management of razorback sucker (Xyrauchen texanus). Evolutionary Applications, 2014, 7, 339-354.	3.1	21
25	Conservation to Stem Imminent Extinction: The Fight To Save Razorback SuckerXyrauchen texanusin Lake Mohave and Its Implications for Species Recovery. Copeia, 2015, 103, 141-156.	1.3	20
26	Wild at heart: Programs to diminish negative ecological and evolutionary effects of conservation hatcheries. Biological Conservation, 2020, 251, 108768.	4.1	20
27	Genetic structure within and among populations of the endangered razorback sucker (Xyrauchen) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	13
28	Microsatellite markers for the endangered razorback sucker, Xyrauchen texanus, are widely applicable to genetic studies of other catostomine fishes. Conservation Genetics, 2009, 10, 551-553.	1.5	12
29	Use of a Molecular Assay to Detect Predation on an Endangered Fish Species. Transactions of the American Fisheries Society, 2014, 143, 49-54.	1.4	12
30	Population Structure in the Roundtail Chub (Gila robusta Complex) of the Gila River Basin as Determined by Microsatellites: Evolutionary and Conservation Implications. PLoS ONE, 2015, 10, e0139832.	2.5	11
31	Effective size, census size, and genetic monitoring of the endangered razorback sucker, Xyrauchen texanus. Conservation Genetics, 2007, 8, 417-425.	1.5	10
32	Conflicting Phylogenetic Patterns Caused by Molecular Mechanisms in Mitochondrial DNA Sequences. Systematic Biology, 1998, 47, 696-701.	5.6	7
33	Genetic Variability in a Recruiting Population of Endangered Razorback Suckers from Lake Mead, Arizonaâ€“Nevada. Transactions of the American Fisheries Society, 2012, 141, 990-999.	1.4	5
34	Molecular Genetics Informs Spatial Segregation of Two Desert StreamGilaSpecies. Transactions of the American Fisheries Society, 2017, 146, 47-59.	1.4	5
35	Retention of Ancestral Genetic Variation Across Life-Stages of an Endangered, Long-Lived Iteroparous Fish. Journal of Heredity, 2016, 107, 567-572.	2.4	3
36	Use of Molecular Techniques to Confirm Nonnative Fish Predation on Razorback Sucker Larvae in Lake Mohave, Arizona and Nevada. Transactions of the American Fisheries Society, 2017, 146, 201-205.	1.4	2