

# John C Avise

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11735011/publications.pdf>

Version: 2024-02-01

238  
papers

25,323  
citations

13099

68  
h-index

17105

122  
g-index

246  
all docs

246  
docs citations

246  
times ranked

13815  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Molecular Markers, Natural History and Evolution. , 1994, , .   |     | 2,915     |
| 2  | Phylogeography: retrospect and prospect. Journal of Biogeography, 2009, 36, 3-15.   | 3.0 | 744       |
| 3  | Molecular Population Structure and the Biogeographic History of a Regional Fauna: A Case History with Lessons for Conservation Biology. Oikos, 1992, 63, 62.  | 2.7 | 675       |
| 4  | Demographic influences on mitochondrial DNA lineage survivorship in animal populations. Journal of Molecular Evolution, 1984, 20, 99-105.   | 1.8 | 576       |
| 5  | Pleistocene phylogeographic effects on avian populations and the speciation process. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 457-463.   | 2.6 | 554       |
| 6  | The use of restriction endonucleases to measure mitochondrial DNA sequence relatedness in natural populations. Journal of Molecular Evolution, 1981, 17, 214-226.   | 1.8 | 543       |
| 7  | Speciation durations and Pleistocene effects on vertebrate phylogeography. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1707-1712.   | 2.6 | 508       |
| 8  | PHYLOGENETIC RELATIONSHIPS OF MITOCHONDRIAL DNA UNDER VARIOUS DEMOGRAPHIC MODELS OF SPECIATION11Work was supported by an NIH predoctoral fellowship to JEN, and by NSF Grant BSR-8217291.. , 1986, , 515-534. |     | 438       |
| 9  | GENE TREES AND ORGANISMAL HISTORIES: A PHYLOGENETIC APPROACH TO POPULATION BIOLOGY. Evolution; International Journal of Organic Evolution, 1989, 43, 1192-1208.   | 2.3 | 410       |
| 10 | Systematic Value of Electrophoretic Data. Systematic Zoology, 1974, 23, 465.  | 1.6 | 382       |
| 11 | MOLECULAR ZOOGEOGRAPHY OF FRESHWATER FISHES IN THE SOUTHEASTERN UNITED STATES. Genetics, 1986, 113, 939-965.  | 2.9 | 367       |
| 12 | Mitochondrial DNA Polymorphism and a Connection Between Genetics and Demography of Relevance to Conservation. Conservation Biology, 1995, 9, 686-690.   | 4.7 | 316       |
| 13 | EVOLUTIONARY GENETICS OF CAVE-DWELLING FISHES OF THE GENUS ASTYANAX. Evolution; International Journal of Organic Evolution, 1972, 26, 1-19.   | 2.3 | 290       |
| 14 | The history and purview of phylogeography: a personal reflection. Molecular Ecology, 1998, 7, 371-379.  | 3.9 | 281       |
| 15 | GLOBAL POPULATION STRUCTURE AND NATURAL HISTORY OF THE GREEN TURTLE ( <i>CHELONIA MYDAS</i> ) Tj ETQq1 1 0.784314<br>46, 865-881.   | 2.3 | 266       |
| 16 | A Comparative Summary of Genetic Distances in the Vertebrates. , 1982, , 151-185.   |     | 263       |
| 17 | A role for molecular genetics in the recognition and conservation of endangered species. Trends in Ecology and Evolution, 1989, 4, 279-281.   | 8.7 | 257       |
| 18 | THE USE OF RESTRICTION ENDONUCLEASES TO MEASURE MITOCHONDRIAL DNA SEQUENCE RELATEDNESS IN NATURAL POPULATIONS. I. POPULATION STRUCTURE AND EVOLUTION IN THE GENUS PEROMYSCUS. Genetics, 1979, 92, 279-295.    | 2.9 | 255       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Genetic Mating Systems and Reproductive Natural Histories of Fishes: Lessons for Ecology and Evolution. <i>Annual Review of Genetics</i> , 2002, 36, 19-45.  | 7.6 | 232       |
| 20 | Hemiplasy: A New Term in the Lexicon of Phylogenetics. <i>Systematic Biology</i> , 2008, 57, 503-507.  | 5.6 | 230       |
| 21 | HYBRIDIZATION AND INTROGRESSION AMONG SPECIES OF SUNFISH (LEPOMIS): ANALYSIS BY MITOCHONDRIAL DNA AND ALLOZYME MARKERS. <i>Genetics</i> , 1984, 108, 237-255.  | 2.9 | 227       |
| 22 | Evolution of alternative sex-determining mechanisms in teleost fishes. <i>Biological Journal of the Linnean Society</i> , 0, 87, 83-93.  | 1.6 | 207       |
| 23 | Ten Unorthodox Perspectives on Evolution Prompted by Comparative Population Genetic Findings on Mitochondrial DNA. <i>Annual Review of Genetics</i> , 1991, 25, 45-69.   | 7.6 | 195       |
| 24 | Global Population Structure and Natural History of the Green Turtle ( <i>Chelonia mydas</i> ) in Terms of Matriarchal Phylogeny. <i>Evolution; International Journal of Organic Evolution</i> , 1992, 46, 865.                             | 2.3 | 192       |
| 25 | Definition and Properties of Disequilibrium Statistics for Associations Between Nuclear and Cytoplasmic Genotypes. <i>Genetics</i> , 1987, 115, 755-768.   | 2.9 | 190       |
| 26 | The Bateman gradient and the cause of sexual selection in a sexâ€roleâ€reversed pipefish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 677-680.   | 2.6 | 175       |
| 27 | GENETIC VARIATION AND GEOGRAPHIC DIFFERENTIATION IN MITOCHONDRIAL DNA OF THE HORSESHOE CRAB, <i>LIMULUS POLYPHEMUS</i> . <i>Genetics</i> , 1986, 112, 613-627.   | 2.9 | 166       |
| 28 | MITOCHONDRIAL GENE TREES AND THE EVOLUTIONARY RELATIONSHIP OF MALLARD AND BLACK DUCKS. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 1109-1119.   | 2.3 | 164       |
| 29 | PRINCIPLES OF PHYLOGEOGRAPHY AS ILLUSTRATED BY FRESHWATER AND TERRESTRIAL TURTLES IN THE SOUTHEASTERN UNITED STATES. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1998, 29, 23-58.  | 6.7 | 154       |
| 30 | PHYLOGENETIC PERSPECTIVES IN THE EVOLUTION OF PARENTAL CARE IN RAY-FINNED FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1570-1578.  | 2.3 | 147       |
| 31 | Phosphoglucose isomerase gene duplication in the bony fishes: An evolutionary history. <i>Biochemical Genetics</i> , 1973, 8, 113-132.   | 1.7 | 137       |
| 32 | MATRIARCHAL POPULATION GENETIC STRUCTURE IN AN AVIAN SPECIES WITH FEMALE NATAL PHILOPATRY. <i>Evolution; International Journal of Organic Evolution</i> , 1992, 46, 1084-1096.   | 2.3 | 136       |
| 33 | Population Structure of Loggerhead Turtles ( <i>Caretta caretta</i> ) in the Northwestern Atlantic Ocean and Mediterranean Sea. <i>Conservation Biology</i> , 1993, 7, 834-844.  | 4.7 | 132       |
| 34 | Size polymorphism and heteroplasmy in the mitochondrial DNA of lower vertebrates. <i>Journal of Heredity</i> , 1986, 77, 249-252.  | 2.4 | 118       |
| 35 | Molecular Genetic Divergence between Avian Sibling Species: King and Clapper Rails, Long-Billed and Short-Billed Dowitchers, Boat-Tailed and Great-Tailed Grackles, and Tufted and Black-Crested Titmice. <i>Auk</i> , 1988, 105, 516-528. | 1.4 | 118       |
| 36 | THE EVOLUTIONARY GENETIC STATUS OF ICELANDIC EELS. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 1254-1262.   | 2.3 | 118       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Extensive outcrossing and androdioecy in a vertebrate species that otherwise reproduces as a self-fertilizing hermaphrodite. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9924-9928.                    | 7.1 | 118       |
| 38 | Molecular Clones within Organismal Clones. , 1992, , 225-246.  |     | 115       |
| 39 | PHYLOGEOGRAPHIC PATTERNS IN MITOCHONDRIAL DNA OF THE DESERT TORTOISE ( XEROBATES AGASSIZI ), AND EVOLUTIONARY RELATIONSHIPS AMONG THE NORTH AMERICAN GOPHER TORTOISES. Evolution; International Journal of Organic Evolution, 1989, 43, 76-87.         | 2.3 | 111       |
| 40 | EXTENSIVE GENETIC VARIATION IN MITOCHONDRIAL DNA'S AMONG GEOGRAPHIC POPULATIONS OF THE DEER MOUSE, <i>PEROMYSCUS MANICULATUS</i>. Evolution; International Journal of Organic Evolution, 1983, 37, 1-16.   | 2.3 | 110       |
| 41 | <i>POECILIA MEXICANA</i> IS THE RECENT FEMALE PARENT OF THE UNISEXUAL FISH <i>P. FORMOSA</i>. Evolution; International Journal of Organic Evolution, 1991, 45, 1530-1533.  | 2.3 | 109       |
| 42 | GEOGRAPHIC POPULATION STRUCTURE AND SPECIES DIFFERENCES IN MITOCHONDRIAL DNA OF MOUTHBROODING MARINE CATFISHES (ARIIDAE) AND DEMERSAL SPAWNING TOADFISHES (BATRACHOIDIDAE). Evolution; International Journal of Organic Evolution, 1987, 41, 991-1002. | 2.3 | 108       |
| 43 | GLOBAL PHYLOGEOGRAPHY OF THE LOGGERHEAD TURTLE ( <i>CARETTA CARETTA</i> ) AS INDICATED BY MITOCHONDRIAL DNA HAPLOTYPES. Evolution; International Journal of Organic Evolution, 1994, 48, 1820-1828.  | 2.3 | 108       |
| 44 | The genetic mating system of a sex-role-reversed pipefish ( <i>Syngnathus typhle</i> ): a molecular inquiry. Behavioral Ecology and Sociobiology, 1999, 46, 357-365.   | 1.4 | 107       |
| 45 | Phylogeographic breaks in low-dispersal species: the emergence of concordance across gene trees. Genetica, 2005, 124, 179-186.   | 1.1 | 106       |
| 46 | Evolutionary genetics of birds. Journal of Heredity, 1980, 71, 303-310.  | 2.4 | 103       |
| 47 | Microsatellite evidence for monogamy and sex-biased recombination in the Western Australian seahorse <i>Hippocampus angustus</i> . Molecular Ecology, 1998, 7, 1497-1505.  | 3.9 | 102       |
| 48 | Multiple paternity, sperm storage, and reproductive success of female and male painted turtles ( <i>Pseudemys</i> ). <i>Evolution</i> , 2001, 55, 101-110.   | 1.4 | 101       |
| 49 | Rapid concerted evolution in animal mitochondrial DNA. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1795-1798.  | 2.6 | 100       |
| 50 | ADAPTIVE DIFFERENTIATION WITH LITTLE GENIC CHANGE BETWEEN TWO NATIVE CALIFORNIA MINNOWS. Evolution; International Journal of Organic Evolution, 1975, 29, 411-426.   | 2.3 | 96        |
| 51 | Genetic markers substantiate long-term storage and utilization of sperm by female painted turtles. Heredity, 2001, 86, 378-384.  | 2.6 | 95        |
| 52 | MOLECULAR GENETIC ANALYSIS OF A STEPPED MULTILOCUS CLINE IN THE AMERICAN OYSTER ( <i>Crassostrea virginica</i> ). <i>Evolution</i> , 2005, 59, 2305-2315.  | 2.3 | 89        |
| 53 | CHARACTERIZATION OF MITOCHONDRIAL DNA VARIABILITY IN A HYBRID SWARM BETWEEN SUBSPECIES OF BLUEGILL SUNFISH ( <i>LEPOMIS MACROCHIRUS</i> ). Evolution; International Journal of Organic Evolution, 1984, 38, 931-941.                                   | 2.3 | 87        |
| 54 | The Resurrection Initiative: Storing Ancestral Genotypes to Capture Evolution in Action. BioScience, 2008, 58, 870-873.  | 4.9 | 86        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 55 | Perspective: conservation genetics enters the genomics era. <i>Conservation Genetics</i> , 2010, 11, 665-669.   | 1.5  | 86        |
| 56 | Genetic monogamy and biparental care in an externally fertilizing fish, the largemouth bass ( <i>Micropterus dolomieu</i> ). <i>Evolution</i> , 2007, 61, 1070-1079.  | 2.6  | 84        |
| 57 | Patterns of Mitochondrial DNA and Allozyme Evolution in the Avian Genus <i>Ammodramus</i> . <i>Systematic Zoology</i> , 1990, 39, 148.  | 1.6  | 82        |
| 58 | Evolutionary distinctiveness of the endangered Kemp's ridley sea turtle. <i>Nature</i> , 1991, 352, 709-711.  | 27.8 | 82        |
| 59 | BIOCHEMICAL GENETICS OF SUNFISH. I. GEOGRAPHIC VARIATION AND SUBSPECIFIC INTERGRADATION IN THE BLUEGILL, <i>LEPOMIS MACROCHIRUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1974, 28, 42-56.                         | 2.3  | 81        |
| 60 | CLONAL DIVERSITY AND POPULATION STRUCTURE IN A REEF-BUILDING CORAL, <i>ACROPORA CERVICORNIS</i> : SELF-RECOGNITION ANALYSIS AND DEMOGRAPHIC INTERPRETATION. <i>Evolution; International Journal of Organic Evolution</i> , 1983, 37, 437-453. | 2.3  | 81        |
| 61 | Models of mitochondrial DNA transmission genetics and evolution in higher eucaryotes. <i>Genetical Research</i> , 1982, 40, 41-57.  | 0.9  | 80        |
| 62 | Application of Genealogical-Concordance Principles to the Taxonomy and Evolutionary History of the Sharp-Tailed Sparrow ( <i>Ammodramus caudacutus</i> ). <i>Auk</i> , 1993, 110, 844-856.  | 1.4  | 80        |
| 63 | Sympatric speciation as a consequence of male pregnancy in seahorses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6598-6603.  | 7.1  | 80        |
| 64 | The Measurement of Sexual Selection Using Bateman's Principles: An Experimental Test in the Sex-Role-Reversed Pipefish <i>Syngnathus typhle</i> . <i>Integrative and Comparative Biology</i> , 2005, 45, 874-884.                             | 2.0  | 80        |
| 65 | Evolutionary perspectives on clonal reproduction in vertebrate animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8867-8873.  | 7.1  | 80        |
| 66 | Mitochondrial Gene Trees and the Evolutionary Relationship of Mallard and Black Ducks. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 1109.   | 2.3  | 79        |
| 67 | Genetic evidence for extreme polyandry and extraordinary sex-role reversal in a pipefish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2531-2535.  | 2.6  | 79        |
| 68 | Evidence for the adaptive significance of enzyme activity levels: Interspecific variation in $\beta$ -GPDH and ADH in <i>Drosophila</i> . <i>Biochemical Genetics</i> , 1976, 14, 347-355.  | 1.7  | 78        |
| 69 | Genetic Composition of Laboratory Stocks of the Self-Fertilizing Fish <i>Kryptolebias marmoratus</i> : A Valuable Resource for Experimental Research. <i>PLoS ONE</i> , 2010, 5, e12863.  | 2.5  | 77        |
| 70 | A mixed-mating strategy in a hermaphroditic vertebrate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2449-2452.  | 2.6  | 75        |
| 71 | Microsatellite Documentation of Male-Mediated Outcrossing between Inbred Laboratory Strains of the Self-Fertilizing Mangrove Killifish ( <i>Kryptolebias Marmoratus</i> ). <i>Journal of Heredity</i> , 2006, 97, 508-513.                    | 2.4  | 74        |
| 72 | On the temporal inconsistencies of Linnean taxonomic ranks. <i>Biological Journal of the Linnean Society</i> , 2011, 102, 707-714.  | 1.6  | 74        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | A SPECIATIONAL HISTORY OF "LIVING FOSSILS": MOLECULAR EVOLUTIONARY PATTERNS IN HORSESHOE CRABS. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 1986-2001.                                    | 2.3 | 72        |
| 74 | EVALUATING KINSHIP OF NEWLY SETTLED JUVENILES WITHIN SOCIAL GROUPS OF THE CORAL REEF FISH <i>ANTHIAS SQUAMIPINNIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1986, 40, 1051-1059.            | 2.3 | 69        |
| 75 | Phylogeography of colonially nesting seabirds, with special reference to global matrilineal patterns in the sooty tern ( <i>Sterna fuscata</i> ). <i>Molecular Ecology</i> , 2000, 9, 1783-1792.                       | 3.9 | 69        |
| 76 | Surprising similarity of sneaking rates and genetic mating patterns in two populations of sand goby experiencing disparate sexual selection regimes. <i>Molecular Ecology</i> , 2001, 10, 461-469.                     | 3.9 | 69        |
| 77 | Phylogenetic conservation of chromosome numbers in Actinopterygian fishes. <i>Genetica</i> , 2006, 127, 321-327.   | 1.1 | 69        |
| 78 | ESTIMATION OF SINGLE GENERATION MIGRATION DISTANCES FROM GEOGRAPHIC VARIATION IN ANIMAL MITOCHONDRIAL DNA. <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 423-432.                           | 2.3 | 68        |
| 79 | POLYGYNANDRY IN THE DUSKY PIPEFISH <i>SYNGNATHUS FLORIDAE</i> REVEALED BY MICROSATELLITE DNA MARKERS. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1611-1622.                              | 2.3 | 68        |
| 80 | Biochemical Polymorphism and Systematics in the Genus <i>Peromyscus</i> . V. Insular and Mainland Species of the Subgenus <i>Haplomyomys</i> . <i>Systematic Zoology</i> , 1974, 23, 226.                              | 1.6 | 67        |
| 81 | GENETIC DIFFERENTIATION IN SPECIOSE VERSUS DEPALIPERATE PHYLADES: EVIDENCE FROM THE CALIFORNIA MINNOWS. <i>Evolution; International Journal of Organic Evolution</i> , 1976, 30, 46-58.                                | 2.3 | 67        |
| 82 | Gene Frequency Comparisons Between Sunfish ( <i>Centrarchidae</i> ) Populations at Various Stages of Evolutionary Divergence. <i>Systematic Zoology</i> , 1977, 26, 319.   | 1.6 | 67        |
| 83 | Long-term retention of self-fertilization in a fish clade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14456-14459.  | 7.1 | 66        |
| 84 | In the light of evolution X: Comparative phylogeography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7957-7961.  | 7.1 | 65        |
| 85 | An empirical evaluation of qualitative Hennigian analyses of protein electrophoretic data. <i>Journal of Molecular Evolution</i> , 1983, 19, 244-254.  | 1.8 | 64        |
| 86 | TESTS FOR ANCIENT SPECIES FLOCKS BASED ON MOLECULAR PHYLOGENETIC APPRAISALS OF <i>SEBASTES</i> ROCKFISHES AND OTHER MARINE FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1135-1146. | 2.3 | 64        |
| 87 | Clustered Microsatellite Mutations in the Pipefish <i>Syngnathus typhle</i> . <i>Genetics</i> , 1999, 152, 1057-1063.  | 2.9 | 63        |
| 88 | On the number of reproductives contributing to a half-sib progeny array. <i>Genetical Research</i> , 2000, 75, 95-105.   | 0.9 | 61        |
| 89 | Biochemical Genetics of Sunfish. II. Genic Similarity between Hybridizing Species. <i>American Naturalist</i> , 1974, 108, 458-472.  | 2.1 | 59        |
| 90 | Evolutionary Genetics of Birds II. Conservative Protein Evolution in North American Sparrows and Relatives. <i>Systematic Zoology</i> , 1980, 29, 323.   | 1.6 | 58        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | GENETIC CHANGE AND RATES OF CLADOGENESIS. <i>Genetics</i> , 1975, 81, 757-773.   | 2.9 | 57        |
| 92  | <i>Poecilia mexicana</i> is the Recent Female Parent of the Unisexual Fish <i>P. formosa</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 1530.  | 2.3 | 56        |
| 93  | Genetic Maternity and Paternity in a Local Population of Armadillos Assessed by Microsatellite DNA Markers and Field Data. <i>American Naturalist</i> , 1998, 151, 7-19.   | 2.1 | 54        |
| 94  | MOLECULAR GENETIC DISSECTION OF SPAWNING, PARENTAGE, AND REPRODUCTIVE TACTICS IN A POPULATION OF REDBREAST SUNFISH, <i>LEPOMIS AURITUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1802-1810. | 2.3 | 54        |
| 95  | MORPHOLOGICAL VARIABILITY IN GENETICALLY DEFINED CATEGORIES OF ANURAN HYBRIDS. <i>Evolution; International Journal of Organic Evolution</i> , 1987, 41, 157-165.   | 2.3 | 53        |
| 96  | Strong population structure despite evidence of recent migration in a selfing hermaphroditic vertebrate, the mangrove killifish ( <i>Kryptolebias marmoratus</i> ). <i>Molecular Ecology</i> , 2007, 16, 2701-2711.              | 3.9 | 53        |
| 97  | GENE GENEALOGIES WITHIN THE ORGANISMAL PEDIGREES OF RANDOM-MATING POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 360-370.   | 2.3 | 52        |
| 98  | A MICROSATELLITE ASSESSMENT OF SNEAKED FERTILIZATIONS AND EGG THIEVERY IN THE FIFTEENSPINE STICKLEBACK. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 848-858.  | 2.3 | 52        |
| 99  | High degree of multiple paternity in the viviparous Shiner Perch, <i>Cymatogaster aggregata</i> , a fish with long-term female sperm storage. <i>Marine Biology</i> , 2011, 158, 893-901.  | 1.5 | 52        |
| 100 | Systematic Relationships Among Waterfowl (Anatidae) Inferred from Restriction Endonuclease Analysis of Mitochondrial DNA. <i>Systematic Zoology</i> , 1984, 33, 370.   | 1.6 | 51        |
| 101 | POPULATION CAGE EXPERIMENTS WITH A VERTEBRATE: THE TEMPORAL DEMOGRAPHY AND CYTONUCLEAR GENETICS OF HYBRIDIZATION IN <i>GAMBUSIA</i> FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 155-171.    | 2.3 | 51        |
| 102 | Hemiplasy and homoplasy in the karyotypic phylogenies of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14477-14481.   | 7.1 | 51        |
| 103 | Egg mimicry and allopaternal care: two mate-attracting tactics by which nesting striped darter ( <i>Percina striata</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock<br>2002, 51, 350-359.   | 1.4 | 50        |
| 104 | Pronounced reproductive skew in a natural population of green swordtails, <i>Xiphophorus helleri</i> . <i>Molecular Ecology</i> , 2008, 17, 4522-4534.   | 3.9 | 50        |
| 105 | Genetic mating system of the brown smoothhound shark ( <i>Mustelus henlei</i> ), including a literature review of multiple paternity in other elasmobranch species. <i>Marine Biology</i> , 2012, 159, 749-756.                  | 1.5 | 49        |
| 106 | The Evolutionary Genetic Status of Icelandic Eels. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 1254.  | 2.3 | 48        |
| 107 | Global Phylogeography of the Loggerhead Turtle ( <i>Caretta caretta</i> ) as Indicated by Mitochondrial DNA Haplotypes. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 1820.                           | 2.3 | 48        |
| 108 | Three fundamental contributions of molecular genetics to avian ecology and evolution. <i>Ibis</i> , 1996, 138, 16-25.  | 1.9 | 48        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | Microevolutionary Distribution of Isogenicity in a Self-fertilizing Fish ( <i>Kryptolebias marmoratus</i> ) in the Florida Keys. <i>Integrative and Comparative Biology</i> , 2012, 52, 743-752.   | 2.0 | 48        |
| 110 | Histocompatibility bioassays of population structure in marine sponges. <i>Journal of Heredity</i> , 1983, 74, 134-140.  | 2.4 | 46        |
| 111 | Matriarchal Population Genetic Structure in an Avian Species with Female Natal Philopatry. <i>Evolution; International Journal of Organic Evolution</i> , 1992, 46, 1084.  | 2.3 | 46        |
| 112 | Sex chromosomes and male ornaments: a comparative evaluation in ray-finned fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 233-236.  | 2.6 | 43        |
| 113 | Intensive genetic assessment of the mating system and reproductive success in a semi-closed population of the mottled sculpin, <i>Cottus bairdi</i> . <i>Molecular Ecology</i> , 2008, 11, 2367-2377.  | 3.9 | 42        |
| 114 | Genetics of plate morphology in an unusual population of threespine sticklebacks ( <i>Gasterosteus</i> )   | 6.9 | 41        |
| 115 | Genetic Analysis of Reproduction of Hybrid White Bass x Striped Bass in the Savannah River. <i>Transactions of the American Fisheries Society</i> , 1984, 113, 563-570.  | 1.4 | 40        |
| 116 | Maximizing Offspring Production While Maintaining Genetic Diversity in Supplemental Breeding Programs of Highly Fecund Managed Species. <i>Conservation Biology</i> , 2004, 18, 94-101.  | 4.7 | 40        |
| 117 | Geographic Population Structure and Species Differences in Mitochondrial DNA of Mouthbrooding Marine Catfishes (Ariidae) and Demersal Spawning Toadfishes (Batrachoididae). <i>Evolution; International Journal of Organic Evolution</i> , 1987, 41, 991.  | 2.3 | 39        |
| 118 | Phylogeographic Patterns in Mitochondrial DNA of the Desert Tortoise ( <i>Xerobates agassizi</i> ), and Evolutionary Relationships Among the North American Gopher Tortoises. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 76. | 2.3 | 39        |
| 119 | Phylogeographic uniformity in mitochondrial DNA of the snapping turtle ( <i>Chelydra serpentina</i> ). <i>Animal Conservation</i> , 1998, 1, 55-60.  | 2.9 | 39        |
| 120 | Abandon all species concepts? A response. <i>Conservation Genetics</i> , 2000, 1, 77-80.   | 1.5 | 39        |
| 121 | COMPARATIVE PHYLOGENETIC ANALYSIS OF MALE ALTERNATIVE REPRODUCTIVE TACTICS IN RAY-FINNED FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1311-1316.   | 2.3 | 39        |
| 122 | Darwin at 200. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2475-2476.  | 7.1 | 39        |
| 123 | Why One-Kilobase Sequences from Mitochondrial DNA Fail to Solve the Hoatzin Phylogenetic Enigma. <i>Molecular Phylogenetics and Evolution</i> , 1994, 3, 175-184.  | 2.7 | 38        |
| 124 | Title is missing!. <i>Reviews in Fish Biology and Fisheries</i> , 2000, 10, 253-263.   | 4.9 | 38        |
| 125 | Parentage and Nest Guarding in the Tessellated Darter ( <i>Etheostoma olmstedi</i> ) Assayed by Microsatellite Markers (Perciformes: Percidae). <i>Copeia</i> , 2000, 2000, 740-747.   | 1.3 | 38        |
| 126 | Genetic Parentage in Large Half-Sib Clutches: Theoretical Estimates and Empirical Appraisals. <i>Genetics</i> , 2000, 154, 1907-1912.  | 2.9 | 37        |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Genic heterozygosity and rate of speciation. <i>Paleobiology</i> , 1977, 3, 422-432.  | 2.0 | 36        |
| 128 | Polygynandry in the Dusky Pipefish <i>Syngnathus floridae</i> Revealed by Microsatellite DNA Markers. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1611.  | 2.3 | 36        |
| 129 | Individual organisms as units of analysis: Bayesian-clustering alternatives in population genetics. <i>Genetical Research</i> , 2004, 84, 135-143.  | 0.9 | 36        |
| 130 | Phylogenetic perspectives in the evolution of parental care in ray-finned fishes. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1570-8.  | 2.3 | 36        |
| 131 | POPULATION STRUCTURE OF FRESHWATER FISHES I. GENETIC VARIATION OF BLUEGILL ( <i>LEPOMIS</i> ) Tj ETQq1 1 0.784314 rgBT /Over<br><i>Organic Evolution</i> , 1979, 33, 15-26.   | 2.3 | 34        |
| 132 | Evolutionary genetics of birds. V. Genetic distances within Mimidae (mimic thrushes) and Vireonidae (vireos). <i>Biochemical Genetics</i> , 1982, 20, 95-104.   | 1.7 | 34        |
| 133 | Phylogeographic histories of representative herpetofauna of the southwestern U.S.: mitochondrial DNA variation in the desert iguana ( <i>Dipsosaurus dorsalis</i> ) and the chuckwalla ( <i>Sauromalus obesus</i> ). <i>Journal of Evolutionary Biology</i> , 1992, 5, 465-480. | 1.7 | 34        |
| 134 | Time to Standardize Taxonomies. <i>Systematic Biology</i> , 2007, 56, 130-133.  | 5.6 | 34        |
| 135 | Characterization of Mitochondrial DNA Variability in a Hybrid Swarm Between Subspecies of Bluegill Sunfish ( <i>Lepomis macrochirus</i> ). <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 931.  | 2.3 | 33        |
| 136 | Multiple mating and its relationship to brood size in pregnant fishes versus pregnant mammals and other viviparous vertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7091-7095.                                  | 7.1 | 33        |
| 137 | SPECIATION RATES AND MORPHOLOGICAL DIVERGENCE IN FISHES: TESTS OF GRADUAL VERSUS RECTANGULAR MODES OF EVOLUTIONARY CHANGE. <i>Evolution; International Journal of Organic Evolution</i> , 1982, 36, 224-232.  | 2.3 | 32        |
| 138 | Estimation of Single Generation Migration Distances from Geographic Variation in Animal Mitochondrial DNA. <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 423.  | 2.3 | 32        |
| 139 | In the light of evolution IV: The human condition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8897-8901.   | 7.1 | 32        |
| 140 | Mate quality influences multiple maternity in the sex-role-reversed pipefish <i>Syngnathus typhle</i> . <i>Oikos</i> , 2000, 90, 321-326.   | 2.7 | 31        |
| 141 | Molecular Genetic Dissection of Spawning, Parentage, and Reproductive Tactics in a Population of Redbreast Sunfish, <i>Lepomis auritus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1802.   | 2.3 | 30        |
| 142 | Multiple mating and clutch size in invertebrate brooders versus pregnant vertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11512-11517.  | 7.1 | 30        |
| 143 | History of Molecular Phylogenetics. , 1994, , 16-43.  |     | 30        |
| 144 | Population Cage Experiments with a Vertebrate: The Temporal Demography and Cytonuclear Genetics of Hybridization in <i>Gambusia</i> Fishes. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 155.   | 2.3 | 29        |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 145 | EVOLUTIONARY GENETICS OF BIRDS. VI. A REEXAMINATION OF PROTEIN DIVERGENCE USING VARIED ELECTROPHORETIC CONDITIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1982, 36, 1003-1019.  | 2.3  | 28        |
| 146 | Genetic Subdivision and Variation in Selfing Rates Among Central American Populations of the Mangrove Rivulus, <i>Kryptolebias marmoratus</i> . <i>Journal of Heredity</i> , 2015, 106, 276-284.  | 2.4  | 28        |
| 147 | Deep and concordant subdivisions in the self-fertilizing mangrove killifishes ( <i>Kryptolebias</i> ) revealed by nuclear and mtDNA markers. <i>Biological Journal of the Linnean Society</i> , 2017, 122, 558-578.                                   | 1.6  | 28        |
| 148 | Headwater Capture Evidenced by Paleo-Rivers Reconstruction and Population Genetic Structure of the Armored Catfish ( <i>Pareiorhaphis garbei</i> ) in the Serra do Mar Mountains of Southeastern Brazil. <i>Frontiers in Genetics</i> , 2017, 8, 199. | 2.3  | 28        |
| 149 | Evaluating Kinship of Newly Settled Juveniles Within Social Groups of the Coral Reef Fish <i>Anthias squamipinnis</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1986, 40, 1051.  | 2.3  | 27        |
| 150 | Flocks of African fishes. <i>Nature</i> , 1990, 347, 512-513.   | 27.8 | 27        |
| 151 | Introduction: The Scope of Conservation Genetics. , 1996, , 1-9.  |      | 27        |
| 152 | MICROGEOGRAPHIC LINEAGE ANALYSIS BY MITOCHONDRIAL GENOTYPE: VARIATION IN THE COTTON RAT ( <i>Peromyscus gambelii</i> ) Overlooked. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1000-1006.                                | 2.3  | 26        |
| 153 | Phylogenetic units and currencies above and below the species level. , 2001, , 76-100.  |      | 26        |
| 154 | Mitochondrial DNA Phylogeography and Subspecies Issues in the Monotypic Freshwater Turtle <i>Sternotherus odoratus</i> . <i>Copeia</i> , 1997, 1997, 16.  | 1.3  | 25        |
| 155 | Conservation Genetics of Marine Turtles. , 1996, , 190-237.   |      | 25        |
| 156 | Matriarchal liberation. <i>Nature</i> , 1991, 352, 192-192.   | 27.8 | 24        |
| 157 | In the light of evolution I: Adaptation and complex design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8563-8566.  | 7.1  | 24        |
| 158 | Multiple paternity and female sperm usage along egg-case strings of the knobbed whelk, <i>Busycon carica</i> (Mollusca; Melongenidae). <i>Marine Biology</i> , 2007, 151, 53-61.  | 1.5  | 24        |
| 159 | Multiple mating and its relationship to alternative modes of gestation in male-pregnant versus female-pregnant fish species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18915-18920.         | 7.1  | 24        |
| 160 | A Genetic Test for Whether Pairs of Hermaphrodites Can Cross-Fertilize in a Selfing Killifish. <i>Journal of Heredity</i> , 2015, 106, 749-752.   | 2.4  | 24        |
| 161 | Biochemical Genetics of Sunfish. I. Geographic Variation and Subspecific Intergradation in the Bluegill, <i>Lepomis macrochirus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1974, 28, 42.                                    | 2.3  | 23        |
| 162 | Footprints of nonsentient design inside the human genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8969-8976.  | 7.1  | 23        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | The evolution of the placenta in poeciliid fishes. <i>Current Biology</i> , 2021, 31, 2004-2011.e5.   | 3.9 | 23        |
| 164 | Allelic expression and genetic distance in hybrid macaque monkeys. <i>Journal of Heredity</i> , 1977, 68, 23-30.  | 2.4 | 22        |
| 165 | Genetic Determination of the Status of an Endangered Species of Pocket Gopher in Georgia. <i>Journal of Wildlife Management</i> , 1982, 46, 513.  | 1.8 | 22        |
| 166 | A Microsatellite Assessment of Sneaked Fertilizations and Egg Thievery in the Fifteenspine Stickleback. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 848.   | 2.3 | 22        |
| 167 | What is the field of biogeography, and where is it going?. <i>Taxon</i> , 2004, 53, 893-898.  | 0.7 | 22        |
| 168 | Cuckoldry rates in the Molly Miller ( <i>scartella cristata</i> ; blenniidae), a hole-nesting marine fish with alternative reproductive tactics. <i>Marine Biology</i> , 2005, 148, 213-221.  | 1.5 | 22        |
| 169 | Cladogenetic correlates of genomic expansions in the recent evolution of actinopterygian fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 33-38.   | 2.6 | 22        |
| 170 | In the light of evolution III: Two centuries of Darwin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9933-9938.  | 7.1 | 22        |
| 171 | Catadromous Eels of the North Atlantic: A Review of Molecular Genetic Findings Relevant to Natural History, Population Structure, Speciation, and Phylogeny. , 2003, , 31-48.   |     | 22        |
| 172 | Gene Genealogies within the Organismal Pedigrees of Random-Mating Populations. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 360.  | 2.3 | 21        |
| 173 | Investigating sea turtle migration using DNA markers. <i>Current Opinion in Genetics and Development</i> , 1994, 4, 882-886.  | 3.3 | 21        |
| 174 | Genetic Monogamy in the Channel Catfish, <i>Ictalurus Punctatus</i> , a Species with Uniparental Nest Guarding. <i>Copeia</i> , 2006, 2006, 735-741.  | 1.3 | 21        |
| 175 | Three ambitious (and rather unorthodox) assignments for the field of biodiversity genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11564-11570.                          | 7.1 | 21        |
| 176 | AN ASSESSMENT OF "HIDDEN" HETEROGENEITY WITHIN ELECTROMORPHS AT THREE ENZYME LOCI IN DEER MICE. <i>Genetics</i> , 1982, 102, 269-284.   | 2.9 | 21        |
| 177 | Estimating Differential Reproductive Success From Nests of Related Individuals, With Application to a Study of the Mottled Sculpin, <i>Cottus bairdi</i> . <i>Genetics</i> , 2007, 176, 2427-2439.                                    | 2.9 | 20        |
| 178 | THE PRECISION OF HISTOCOMPATIBILITY RESPONSE IN CLONAL RECOGNITION IN TROPICAL MARINE SPONGES. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 724-732.  | 2.3 | 18        |
| 179 | Genetic sex determination, gender identification and pseudohermaphroditism in the knobbed whelk, <i>Busycon carica</i> (Mollusca: Melongenidae). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 641-646. | 2.6 | 18        |
| 180 | PERSPECTIVE: THE EVOLUTIONARY BIOLOGY OF AGING, SEXUAL REPRODUCTION, AND DNA REPAIR. <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 1293-1301.  | 2.3 | 17        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 181 | Allard's argument versus Baker's contention for the adaptive significance of selfing in a hermaphroditic fish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18862-18867. | 7.1 | 17        |
| 182 | Hundreds of SNPs vs. dozens of SSRs: which dataset better characterizes natural clonal lineages in a self-fertilizing fish?. <i>Frontiers in Ecology and Evolution</i> , 2014, 2, .   | 2.2 | 17        |
| 183 | CHROMOSOMAL DIVERGENCE AND SPECIATION IN TWO FAMILIES OF NORTH AMERICAN FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 1977, 31, 1-13.  | 2.3 | 16        |
| 184 | Matrilineal history of the endangered Cape Sable seaside sparrow inferred from mitochondrial DNA polymorphism. <i>Molecular Ecology</i> , 2000, 9, 809-813.   | 3.9 | 16        |
| 185 | Introduction. , 2001, 92, 99-99.  |     | 16        |
| 186 | Polygynandry and sexual size dimorphism in the sea spider <i>Ammothea hilgendorfi</i> (Pycnogonida: Tj ETQq0 0,0 rgBT /Overlock 10  | 3.9 | 16        |
| 187 | Multiple paternity and extra-group fertilizations in a natural population of California grunion ( <i>Leuresthes tenuis</i> ), a beach-spawning marine fish. <i>Marine Biology</i> , 2009, 156, 1681-1690.                       | 1.5 | 15        |
| 188 | Genetic and Morphological Variation of Bluegill Populations in Florida Lakes. <i>Transactions of the American Fisheries Society</i> , 1980, 109, 108-115.   | 1.4 | 14        |
| 189 | Quantitative measures of sexual selection reveal no evidence for sex-role reversal in a sea spider with prolonged paternal care. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2951-2956.         | 2.6 | 14        |
| 190 | In the light of evolution VIII: Darwinian thinking in the social sciences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10781-10784.                                     | 7.1 | 14        |
| 191 | A Bayesian Approach to Inferring Rates of Selfing and Locus-Specific Mutation. <i>Genetics</i> , 2015, 201, 1171-1188.  | 2.9 | 14        |
| 192 | Rio de Janeiro and other palaeodrainages evidenced by the genetic structure of an Atlantic Forest catfish. <i>Journal of Biogeography</i> , 2021, 48, 1475-1488.  | 3.0 | 14        |
| 193 | Enzyme changes during development of holo- and hemi-metabolic insects. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1976, 53, 393-397.   | 0.2 | 13        |
| 194 | Evolutionary Genetics of Birds. VI. A Reexamination of Protein Divergence Using Varied Electrophoretic Conditions. <i>Evolution; International Journal of Organic Evolution</i> , 1982, 36, 1003.                               | 2.3 | 13        |
| 195 | Twenty-five key evolutionary insights from the phylogeographic revolution in population genetics. , 2007, , 7-21.   |     | 13        |
| 196 | In the light of evolution V: Cooperation and conflict. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10787-10791.   | 7.1 | 13        |
| 197 | What Is the Field of Biogeography, and Where Is It Going?. <i>Taxon</i> , 2004, 53, 893.  | 0.7 | 12        |
| 198 | Molecular Evidence for Multiple Paternity in a Population of the Viviparous Tule Perch <i>Hysterocarpus traski</i> . <i>Journal of Heredity</i> , 2013, 104, 217-222.   | 2.4 | 12        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 199 | Transcriptomics of diapause in an isogenic self-fertilizing vertebrate. <i>BMC Genomics</i> , 2015, 16, 989.  | 2.8 | 12        |
| 200 | Phylogenetic Distinctiveness of a Threatened Aquatic Turtle ( <i>Stenopochma depressus</i> ). <i>Conservation Biology</i> , 1998, 12, 639-645.  | 4.7 | 12        |
| 201 | Sampling Properties of Genealogical Pathways Underlying Population Pedigrees. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 957.   | 2.3 | 11        |
| 202 | SAMPLING PROPERTIES OF GENEALOGICAL PATHWAYS UNDERLYING POPULATION PEDIGREES. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 957-966.   | 2.3 | 11        |
| 203 | Ecological, evolutionary and human-mediated determinants of poeciliid species richness on Caribbean islands. <i>Journal of Biogeography</i> , 2016, 43, 1349-1359.  | 3.0 | 11        |
| 204 | Variances and frequency distributions of genetic distance in evolutionary phylads. <i>Heredity</i> , 1978, 40, 225-237.   | 2.6 | 9         |
| 205 | The Precision of Histocompatibility Response in Clonal Recognition in Tropical Marine Sponges. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 724.                                    | 2.3 | 9         |
| 206 | Malate Dehydrogenase Isozymes Provide a Phylogenetic Marker for the Piciformes (Woodpeckers and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>  | 1.4 | 9         |
| 207 | The Evolutionary Biology of Aging, Sexual Reproduction, and DNA Repair. <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 1293.  | 2.3 | 9         |
| 208 | PHYLOGENETIC PERSPECTIVES IN THE EVOLUTION OF PARENTAL CARE IN RAY-FINNED FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1570.  | 2.3 | 9         |
| 209 | In the light of evolution VI: Brain and behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10607-10611.  | 7.1 | 9         |
| 210 | The evolution of diapause in <i>Rivulus</i> (Laimosemion). <i>Zoological Journal of the Linnean Society</i> , 2018, 184, 773-790.   | 2.3 | 9         |
| 211 | The genetic mating system of a sea spider with male-biased sexual size dimorphism: evidence for paternity skew despite random mating success. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1595-1604. | 1.4 | 8         |
| 212 | In the light of evolution IX: Clonal reproduction: Alternatives to sex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8824-8826.                          | 7.1 | 8         |
| 213 | Natural hybridization between divergent lineages in a selfing hermaphroditic fish. <i>Biology Letters</i> , 2018, 14, 20180118.   | 2.3 | 8         |
| 214 | Correlates of reproductive success in a population of nine-banded armadillos. <i>Canadian Journal of Zoology</i> , 1998, 76, 1815-1821.   | 1.0 | 7         |
| 215 | COMPARATIVE PHYLOGENETIC ANALYSIS OF MALE ALTERNATIVE REPRODUCTIVE TACTICS IN RAY-FINNED FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1311.                                 | 2.3 | 7         |
| 216 | Catadromous eels continue to be slippery research subjects. <i>Molecular Ecology</i> , 2011, 20, 1317-1319.   | 3.9 | 7         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 217 | Character space restrictions and boundary conditions in the evolution of quantitative multistate characters. <i>Journal of Theoretical Biology</i> , 1979, 80, 51-64.   | 1.7 | 6         |
| 218 | Title is missing!. <i>Genetica</i> , 1999, 105, 101-108.  | 1.1 | 6         |
| 219 | Development of ten polymorphic microsatellite loci for the sea snake <i>Hydrophis elegans</i> (Elapidae): Tj ETQq1 1 0.784314 rgBT /Overl<br>Genetics Resources, 2011, 3, 497-501.  | 0.8 | 6         |
| 220 | Complete mitochondrial genome of a self-fertilizing fish <i>Kryptolebias marmoratus</i> (Cyprinodontiformes, Rivulidae) from Florida. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 244-245.   | 0.7 | 6         |
| 221 | The ontogeny of molecular ecology. <i>Molecular Ecology</i> , 2006, 15, 2687-2689.  | 3.9 | 5         |
| 222 | Development of eleven polymorphic microsatellite loci for the sea snake <i>Emydocephalus annulatus</i> (Elapidae: Hydrophiinae) and cross-species amplification for seven species in the sister genus <i>Aipysurus</i> . <i>Conservation Genetics Resources</i> , 2012, 4, 11-14. | 0.8 | 5         |
| 223 | Spatiotemporal Genetic Structure in a Protected Marine Fish, the California Grunion ( <i>Leuresthes</i> ) Tj ETQq1 1 0.784314 rgBT /Overl<br>1  | 2.4 | 5         |
| 224 | Against the Odds: Hybrid Zones between Mangrove Killifish Species with Different Mating Systems. <i>Genes</i> , 2021, 12, 1486.   | 2.4 | 5         |
| 225 | Male pregnancy. <i>Current Biology</i> , 2003, 13, R791.  | 3.9 | 4         |
| 226 | In the light of evolution VII: The human mental machinery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10339-10342.   | 7.1 | 4         |
| 227 | Extensive hybridization and past introgression between divergent lineages in a quasi-clonal hermaphroditic fish: Ramifications for species concepts and taxonomy. <i>Journal of Evolutionary Biology</i> , 2021, 34, 49-59.   | 1.7 | 4         |
| 228 | Phylogeographic uniformity in mitochondrial DNA of the snapping turtle ( <i>Chelydra serpentina</i> ). <i>Animal Conservation</i> , 1998, 01, 55-60.  | 2.9 | 4         |
| 229 | Does organismal pedigree impact the magnitude of topological congruence among gene trees for unlinked loci?. <i>Genetica</i> , 2008, 132, 219-225.  | 1.1 | 3         |
| 230 | Vertebrate sex-determining genes and their potential utility in conservation, with particular emphasis on fishes. , 0, , 74-100.  |     | 3         |
| 231 | Filling the gaps: phylogeography of the self-fertilizing <i>Kryptolebias</i> species (Cyprinodontiformes: Rivulidae) along South American mangroves. <i>Journal of Fish Biology</i> , 2021, 99, 644-655.  | 1.6 | 3         |
| 232 | Space and time as axes in intraspecific phylogeography. , 1997, , 381-388.  |     | 3         |
| 233 | Phylogenetic Distinctiveness of a Threatened Aquatic Turtle ( <i>Sternotheropus depressus</i> ). <i>Conservation Biology</i> , 1998, 12, 639-645.   | 4.7 | 2         |
| 234 | Considerations on the evolution of qualitative multistate traits. <i>Acta Biotheoretica</i> , 1979, 28, 190-203.  | 1.5 | 1         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 235 | Estimating the proportion of offspring attributable to candidate adults. <i>Evolutionary Ecology</i> , 2002, 16, 549-565. | 1.2 | 1         |
| 236 | Morphological Divergence in Fishes: Macroevolutionary Patterns. <i>BioScience</i> , 1982, 32, 683-684.                    | 4.9 | 0         |
| 237 | 2010 Comparative Genomics. , 2014, , 147-148.   |     | 0         |
| 238 | 1984 DNA Fingerprinting and Mating Systems. , 2014, , 123-124.  |     | 0         |