R Desalle

List of Publications by Year
in descending order

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86	7,555	57631	53109
papers	citations	44 h-index	85 g-index

86	86	86	6443
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic differentiation and adaptive evolution at reproductive loci in incipient Drosophila species. Journal of Evolutionary Biology, 2017, 30, 524-537.	0.8	4
2	Taking race out of human genetics. Science, 2016, 351, 564-565.	6.0	474
3	The potential of distanceâ€based thresholds and characterâ€based <scp>DNA</scp> barcoding for defining problematic taxonomic entities by <scp>CO</scp>1 and <scp>ND</scp>1. Molecular Ecology Resources, 2013, 13, 1069-1081.	2.2	36
4	Low <scp>MHC</scp> variation in the polar bear: implications in the face of <scp>A</scp>rctic warming?. Animal Conservation, 2013, 16, 671-683.	1.5	27
5	The Plant Proteome Folding Project: Structure and Positive Selection in Plant Protein Families. Genome Biology and Evolution, 2012, 4, 360-371.	1.1	13
6	Comparing and combining distanceâ€based and characterâ€based approaches for barcoding turtles. Molecular Ecology Resources, 2011, 11, 956-967.	2.2	72
7	Character-based DNA barcoding allows discrimination of genera, species and populations in Odonata. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 237-247.	1.2	232
8	Evolution of MDA-5/RIG-I-dependent innate immunity: Independent evolution by domain grafting. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17040-17045.	3.3	71
9	Evidence of Adaptive Evolution of Accessory Gland Proteins in Closely Related Species of the Drosophila repleta Group. Molecular Biology and Evolution, 2008, 25, 2043-2053.	3.5	28
10	Can we ever identify the Urmetazoan?. Integrative and Comparative Biology, 2007, 47, 670-676.	0.9	20
11	OrthologID: automation of genome-scale ortholog identification within a parsimony framework. Bioinformatics, 2006, 22, 699-707.	1.8	89
12	Hierarchical structure in the Drosophila mojavensis cluster (Diptera: Drosophilidae). Hereditas, 2004, 139, 223-227.	0.5	5
13	The evolution of HOM-C homeoboxes in the Dipteran family Drosophilidae. Insect Molecular Biology, 2003, 12, 345-351.	1.0	1
14	Molecular Phylogeny of Acipenseridae: Nonmonophylyof Scaphirhynchinae. Copeia, 2002, 2002, 287-301.	1.4	58
15	Characteristic attributes in cancer microarrays. Journal of Biomedical Informatics, 2002, 35, 111-122.	2.5	48
16	Genetic divergence within the Drosophila mayaguana subcluster, a closely related triad of Caribbean species in the repleta species group. Hereditas, 2002, 136, 240-246.	0.5	3
17	Genes for tight adherence of Actinobacillus actinomycetemcomitans: from plaque to plague to pond scum. Trends in Microbiology, 2001, 9, 429-437.	3.5	135
18	Systematic Analysis of DNA Microarray Data: Ordering and Interpreting Patterns of Gene Expression. Genome Research, 2001, 11, 1149-1155.	2.4	31

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19	Characterization of microsatellite loci in the endangered St. Vincent Parrot, Amazona guildingii. Molecular Ecology Notes, 2001, 1, 162-164.	1.7	32
20	Isolation and characterization of microsatellite loci in Piaractus mesopotamicus and their applicability in other Serrasalminae fish. Molecular Ecology Notes, 2001, 1, 245-247.	1.7	26
21	flp-1, the first representative of a new pilin gene subfamily, is required for non-specific adherence of Actinobacillus actinomycetemcomitans. Molecular Microbiology, 2001, 40, 542-554.	1.2	179
22	Current problems with the zootype and the early evolution of Hox genes. The Journal of Experimental Zoology, 2001, 291, 169-174.	1.4	43
23	A Molecular Phylogeny of Costaceae (Zingiberales). Molecular Phylogenetics and Evolution, 2001, 21, 333-345.	1.2	41
24	Polytene chromosomes as indicators of phylogeny in several species groups of Drosophila. BMC Evolutionary Biology, 2001, 1, 6.	3.2	26
25	Phylogeny of genes for secretion NTPases: Identification of the widespread tadA subfamily and development of a diagnostic key for gene classification. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 2503-2508.	3.3	189
26	The Identity of Plant Glutamate Receptors. Science, 2001, 292, 1486b-1487.	6.0	175
27	Phylogeny and Character Behavior in the Family Lemuridae. Molecular Phylogenetics and Evolution, 2000, 15, 124-134.	1.2	25
28	Phylogenetic Analysis of the repleta Species Group of the Genus Drosophila Using Multiple Sources of Characters. Molecular Phylogenetics and Evolution, 2000, 16, 296-307.	1.2	72
29	Molluscan engrailed expression, serial organization, and shell evolution. Evolution & Development, 2000, 2, 340-347.	1.1	93
30	World-wide genetic differentiation ofEubalaena: questioning the number of right whale species. Molecular Ecology, 2000, 9, 1793-1802.	2.0	107
31	Insect evolution: How the fruit fly changed (some of) its spots. Current Biology, 2000, 10, R75-R77.	1.8	6
32	Title is missing!. Conservation Genetics, 2000, 1, 81-88.	0.8	57
33	GENEFAMILYEVOLUTION ANDHOMOLOGY: Genomics Meets Phylogenetics. Annual Review of Genomics and Human Genetics, 2000, 1, 41-73.	2.5	193
34	Failure to confirm previous identification of two putative museum specimens of the Atlantic sturgeon, Acipenser sturio , as the Adriatic sturgeon, A. naccarii. Marine Biology, 2000, 136, 373-377.	0.7	16
35	Transformationalism, Taxism, and Developmental Biology in Systematics. Systematic Biology, 2000, 49, 19-27.	2.7	12
36	Nonspecific Adherence by Actinobacillus actinomycetemcomitans Requires Genes Widespread inBacteria and Archaea. Journal of Bacteriology, 2000, 182, 6169-6176.	1.0	194

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37	Molecular evolution of glutamate receptors: a primitive signaling mechanism that existed before plants and animals diverged. Molecular Biology and Evolution, 1999, 16, 826-838.	3.5	185
38	Captive breeding, reintroduction, and the conservation genetics of black and white ruffed lemurs, Varecia variegata variegata. Molecular Ecology, 1999, 8, S107-S115.	2.0	26
39	Molecular genetic analysis among subspecies of two Eurasian sturgeon species, Acipenser baerii and A. stellatus. Molecular Ecology, 1999, 8, S117-S127.	2.0	37
40	Molecular phylogeny of Acipenserinae and black caviar species identification.. Journal of Applied Ichthyology, 1999, 15, 12-16.	0.3	17
41	THE EVOLUTION AND DEVELOPMENT OF DIPTERAN WING VEINS: A Systematic Approach. Annual Review of Entomology, 1999, 44, 97-129.	5.7	52
42	Molecular Phylogeny of Acipenserinae. Molecular Phylogenetics and Evolution, 1998, 9, 141-155.	1.2	185
43	Character Congruence of Multiple Data Partitions and the Origin of the Hawaiian Drosophilidae. Molecular Phylogenetics and Evolution, 1998, 9, 225-235.	1.2	101
44	Assessing the Relative Contribution of Molecular and Morphological Characters in Simultaneous Analysis Trees. Molecular Phylogenetics and Evolution, 1998, 9, 427-436.	1.2	245
45	Patterns of mitochondrial versus nuclear DNA sequence divergence among nymphalid butterflies: the utility of wingless as a source of characters for phylogenetic inference. Insect Molecular Biology, 1998, 7, 73-82.	1.0	272
46	Process Partitions, Congruence, and the Independence of Characters: Inferring Relationships among Closely Related Hawaiian Drosophila from Multiple Gene Regions. Systematic Biology, 1997, 46, 751-764.	2.7	100
47	Multiple Sources of Character Information and the Phylogeny of Hawaiian Drosophilids. Systematic Biology, 1997, 46, 654-673.	2.7	533
48	An effective method for isolating DNA from historical specimens of baleen. Molecular Ecology, 1997, 6, 677-681.	2.0	42
49	A Cladistic Analysis of Mitochondrial Ribosomal DNA from the Bovidae. Molecular Phylogenetics and Evolution, 1997, 7, 303-319.	1.2	134
50	ON COMBINING PROTEIN SEQUENCES AND NUCLEIC ACID SEQUENCES IN PHYLOGENETIC ANALYSIS: THE HOMEOBOX PROTEIN CASE. Cladistics, 1996, 12, 65-82.	1.5	49
51	GENE TREES, SPECIES TREES, AND SYSTEMATICS: A Cladistic Perspective. Annual Review of Ecology, Evolution, and Systematics, 1996, 27, 423-450.	6.7	191
52	DNA Isolation, Manipulation and Characterization from Old Tissues. , 1996, 18, 13-32.		15
53	Class-level relationships in the phylum Cnidaria: molecular and morphological evidence.. Molecular Biology and Evolution, 1995, 12, 679-89.	3.5	205
54	Elision: A Method for Accommodating Multiple Molecular Sequence Alignments with Alignment-Ambiguous Sites. Molecular Phylogenetics and Evolution, 1995, 4, 1-9.	1.2	145

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55	Homologues of theengrailedgene from five molluscan classes. FEBS Letters, 1995, 365, 71-74.	1.3	32
56	Crossroads, Milestones, amd Landmarks in Insect Development and Evolution: Implications for Systematics. Aliso, 1995, 14, 305-321.	0.4	4
57	Analysis of Paedomorphosis Using Allometric Characters: The Example of Reduncini Antelopes (Bovidae, Mammalia). Systematic Biology, 1994, 43, 92-116.	2.7	28
58	Implications of ancient DNA for phylogenetic studies. Experientia, 1994, 50, 543-550.	1.2	25
59	Flies and congruence. American Journal of Physical Anthropology, 1994, 94, 125-141.	2.1	4
60	Speciation and phylogenetic resolution. Trends in Ecology and Evolution, 1994, 9, 297-298.	4.2	20
61	Very old DNA. Current Opinion in Genetics and Development, 1994, 4, 810-815.	1.5	12
62	Computational problems in molecular systematics. Exs, 1994, 69, 353-370.	1.4	9
63	Alignment-Ambiguous Nucleotide Sites and the Exclusion of Systematic Data. Molecular Phylogenetics and Evolution, 1993, 2, 152-157.	1.2	323
64	Using molecular and ecological data to diagnose endangered populations of the puritan tiger beetle Cicindela puritana. Molecular Ecology, 1993, 2, 375-383.	2.0	48
65	PCR jumping in clones of 30-million-year-old DNA fragments from amber preserved termites (Mastotermes electrodominicus). Experientia, 1993, 49, 906-909.	1.2	60
66	[14] Isolation and characterization of animal mitochondrial DNA. Methods in Enzymology, 1993, 224, 176-204.	0.4	52
67	Phylogenetic Pattern and Developmental Process in Drosophila. Systematic Biology, 1993, 42, 458-475.	2.7	20
68	[4] Collection and storage of invertebrate samples. Methods in Enzymology, 1993, 224, 51-65.	0.4	19
69	The origin and possible time of divergence of the Hawaiian Drosophilidae: evidence from DNA sequences.. Molecular Biology and Evolution, 1992, 9, 905-16.	3.5	46
70	The mtDNA Genealogy of Closely Related Drosophila silvestris. Journal of Heredity, 1992, 83, 211-216.	1.0	21
71	Characters and the Systematics of Drosophilidae. Journal of Heredity, 1992, 83, 182-188.	1.0	17
72	Phylogeny of the Bovidae (Artiodactyla, Mammalia), based on mitochondrial ribosomal DNA sequences.. Molecular Biology and Evolution, 1992, 9, 433-46.	3.5	65

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73	DNA sequences from a fossil termite in Oligo-Miocene amber and their phylogenetic implications. Science, 1992, 257, 1933-1936.	6.0	250
74	The phylogenetic relationships of flies in the family drosophilidae deduced from mtDNA sequences. Molecular Phylogenetics and Evolution, 1992, 1, 31-40.	1.2	90
75	The molecular through ecological genetics of abnormal abdomen. IV. Components of genetic variation in a natural population of Drosophila mercatorum.. Genetics, 1992, 130, 355-366.	1.2	23
76	Morphological and Molecular Systematics of the Drosophilidae. Annual Review of Ecology, Evolution, and Systematics, 1991, 22, 447-475.	6.7	36
77	Calibration of the change in thermal stability of DNA duplexes and degree of base pair mismatch. Journal of Molecular Evolution, 1988, 27, 212-216.	0.8	74
78	Molecular evolution in Hawaiian drosophilids. Trends in Ecology and Evolution, 1987, 2, 212-216.	4.2	26
79	Tempo and mode of sequence evolution in mitochondrial DNA of HawaiianDrosophila. Journal of Molecular Evolution, 1987, 26, 157-164.	0.8	463
80	Temporal and Spatial Heterogeneity of mtDNA Polymorphisms in Natural Populations of Drosophila mercatorum. Genetics, 1987, 116, 215-223.	1.2	101
81	Discordance of nuclear and mitochondrial DNA phylogenies in Hawaiian Drosophila.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 6902-6906.	3.3	111
82	Mitochondrial DNA variability in natural populations of Hawaiian Drosophila. I. Methods and levels of variability in D. silvestris and D. heteroneura populations. Heredity, 1986, 56, 75-85.	1.2	54
83	Mitochondrial DNA variability in natural populations of Hawaiian Drosophila. II. Genetic and phylogenetic relationships of natural populations of D. silvestris and D. heteroneura. Heredity, 1986, 56, 87-96.	1.2	56
84	THE MOLECULAR THROUGH ECOLOGICAL GENETICS OF ABNORMAL ABDOMEN. II. RIBOSOMAL DNA POLYMORPHISM IS ASSOCIATED WITH THE ABNORMAL ABDOMEN SYNDROME IN DROSOPHILA MERCATORUM. Genetics, 1986, 112, 861-875.	1.2	34
85	THE MOLECULAR THROUGH ECOLOGICAL GENETICS OF ABNORMAL ABDOMEN. III. TISSUE-SPECIFIC DIFFERENTIAL REPLICATION OF RIBOSOMAL GENES MODULATES THE ABNORMAL ABDOMEN PHENOTYPE IN DROSOPHILA MERCATORUM. Genetics, 1986, 112, 877-886.	1.2	24
86	Homogenization of geographical variants at the nontranscribed spacer of rDNA in Drosophila mercatorum.. Molecular Biology and Evolution, 1985, 2, 338-46.	3.5	41