

# Mutsumi Nishida

## List of Publications by Year in descending order

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112  
papers

10,098  
citations

25034

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115  
docs citations

115  
times ranked

6899  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two Hidden mtDNA-Clades of Crown-of-Thorns Starfish in the Pacific Ocean. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	3
2	Mass Screening of Asymptomatic Persons for Severe Acute Respiratory Syndrome Coronavirus 2 Using Saliva. <i>Clinical Infectious Diseases</i> , 2021, 73, e559-e565.	5.8	139
3	Older age is associated with sustained detection of SARS-CoV-2 in nasopharyngeal swab samples. <i>Journal of Infection</i> , 2021, 82, 159-198.	3.3	4
4	SARS-CoV-2 detection by fluorescence loop-mediated isothermal amplification with and without RNA extraction. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 410-412.	1.7	32
5	Equivalent SARS-CoV-2 viral loads by PCR between nasopharyngeal swab and saliva in symptomatic patients. <i>Scientific Reports</i> , 2021, 11, 4500.	3.3	34
6	Effect of varying storage conditions on diagnostic test outcomes of SARS-CoV-2. <i>Journal of Infection</i> , 2021, 83, 119-145.	3.3	5
7	Performance of Qualitative and Quantitative Antigen Tests for SARS-CoV-2 Using Saliva. <i>Infectious Disease Reports</i> , 2021, 13, 742-747.	3.1	17
8	Comparison of SARS-CoV-2 detection in nasopharyngeal swab and saliva. <i>Journal of Infection</i> , 2020, 81, e145-e147.	3.3	212
9	Efficacy of a novel SARS-CoV-2 detection kit without RNA extraction and purification. <i>International Journal of Infectious Diseases</i> , 2020, 98, 16-17.	3.3	38
10	Structure and variation of the mitochondrial genome of fishes. <i>BMC Genomics</i> , 2016, 17, 719.	2.8	187
11	Parallel Mitogenome Sequencing Alleviates Random Rooting Effect in Phylogeography. <i>Genome Biology and Evolution</i> , 2016, 8, 1267-1278.	2.5	33
12	The mitogenomic contributions to molecular phylogenetics and evolution of fishes: a 15-year retrospect. <i>Ichthyological Research</i> , 2015, 62, 29-71.	0.8	55
13	Revision of the systematics of the cardinalfishes (Percomorpha: Apogonidae) based on molecular analyses and comparative reevaluation of morphological characters. <i>Zootaxa</i> , 2014, 3846, 151-203.	0.5	53
14	Mitogenomic circumscription of a novel percomorph fish clade mainly comprising "Syngnathoidei" (Teleostei). <i>Gene</i> , 2014, 542, 146-155.	2.2	26
15	Mitogenomic phylogeny of the Percichthyidae and Centrarchiformes (Percomorphaceae): comparison with recent nuclear gene-based studies and simultaneous analysis. <i>Gene</i> , 2014, 549, 46-57.	2.2	25
16	Mitogenomic sequences and evidence from unique gene rearrangements corroborate evolutionary relationships of myctophiformes (Neoteleostei). <i>BMC Evolutionary Biology</i> , 2013, 13, 111.	3.2	55
17	Molecular co-evolution of a protease and its substrate elucidated by analysis of the activity of predicted ancestral hatching enzyme. <i>BMC Evolutionary Biology</i> , 2013, 13, 231.	3.2	11
18	Phylogeny and biogeography of highly diverged freshwater fish species (Leuciscinae, Cyprinidae.) <i>Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 6</i>	2.2	91

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19	MitoFish and MitoAnnotator: A Mitochondrial Genome Database of Fish with an Accurate and Automatic Annotation Pipeline. <i>Molecular Biology and Evolution</i> , 2013, 30, 2531-2540.	8.9	651
20	Evolutionary Origin of the Scombridae (Tunas and Mackerels): Members of a Paleogene Adaptive Radiation with 14 Other Pelagic Fish Families. <i>PLoS ONE</i> , 2013, 8, e73535.	2.5	136
21	Body plan convergence in the evolution of skates and rays (Chondrichthyes: Batoidea). <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 28-42.	2.7	154
22	Comparable Ages for the Independent Origins of Electrogenesis in African and South American Weakly Electric Fishes. <i>PLoS ONE</i> , 2012, 7, e36287.	2.5	83
23	Remarkable consistency of exon-intron structure of hatching enzyme genes and molecular phylogenetic relationships of teleostean fishes. <i>Environmental Biology of Fishes</i> , 2012, 94, 567-576.	1.0	5
24	Multiple Invasions into Freshwater by Pufferfishes (Teleostei: Tetraodontidae): A Mitogenomic Perspective. <i>PLoS ONE</i> , 2011, 6, e17410.	2.5	71
25	Low genetic differentiation between two geographically separated populations of demersal gadiform fishes in the Southern Hemisphere. <i>Genes and Genetic Systems</i> , 2011, 86, 339-349.	0.7	3
26	Evidence from mitochondrial genomics supports the lower Mesozoic of South Asia as the time and place of basal divergence of cypriniform fishes (Actinopterygii: Ostariophysi). <i>Zoological Journal of the Linnean Society</i> , 2011, 161, 633-662.	2.3	79
27	Cryptic species of the gobioid paedomorphic genus <i>Schindleria</i> from Palau, Western Pacific Ocean. <i>Ichthyological Research</i> , 2011, 58, 62-66.	0.8	13
28	Evolutionary history of Otophysi (Teleostei), a major clade of the modern freshwater fishes: Pangaeen origin and Mesozoic radiation. <i>BMC Evolutionary Biology</i> , 2011, 11, 177.	3.2	188
29	Teleost fish with specific genome duplication as unique models of vertebrate evolution. <i>Environmental Biology of Fishes</i> , 2010, 88, 169-188.	1.0	72
30	Intron-loss evolution of hatching enzyme genes in Teleostei. <i>BMC Evolutionary Biology</i> , 2010, 10, 260.	3.2	39
31	Evolutionary history of anglerfishes (Teleostei: Lophiiformes): a mitogenomic perspective. <i>BMC Evolutionary Biology</i> , 2010, 10, 58.	3.2	82
32	Conservation of the egg envelope digestion mechanism of hatching enzyme in euteleostean fishes. <i>FEBS Journal</i> , 2010, 277, 4973-4987.	4.7	26
33	Deep-ocean origin of the freshwater eels. <i>Biology Letters</i> , 2010, 6, 363-366.	2.3	127
34	Intraspecific variation in the mitochondrial genome among local populations of Medaka <i>Oryzias latipes</i> . <i>Gene</i> , 2010, 457, 13-24.	2.2	24
35	Temporal pattern of loss/persistence of duplicate genes involved in signal transduction and metabolic pathways after teleost-specific genome duplication. <i>BMC Evolutionary Biology</i> , 2009, 9, 127.	3.2	57
36	Higher and lower-level relationships of the deep-sea fish order Alepocephaliformes (Teleostei: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T 2009, 98, 923-936.	1.6	26

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37	Stickleback phylogenies resolved: Evidence from mitochondrial genomes and 11 nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , 2009, 50, 401-404.	2.7	62
38	Unique patterns of pelvic fin evolution: A case study of balistoid fishes (Pisces: Tetraodontiformes) based on whole mitochondrial genome sequences. <i>Molecular Phylogenetics and Evolution</i> , 2009, 50, 179-189.	2.7	13
39	Reconstructing the phylogenetic relationships of the earth's most diverse clade of freshwater fishes—order Cypriniformes (Actinopterygii: Ostariophysi): A case study using multiple nuclear loci and the mitochondrial genome. <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 500-514.	2.7	129
40	The historical biogeography of the freshwater knifefishes using mitogenomic approaches: A Mesozoic origin of the Asian notopterids (Actinopterygii: Osteoglossomorpha). <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 486-499.	2.7	58
41	Mitogenomic evaluation of the unique facial nerve pattern as a phylogenetic marker within the perciform fishes (Teleostei: Percomorpha). <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 258-266.	2.7	55
42	Electric charge divergence in proteins: insights into the evolution of their three-dimensional properties. <i>Gene</i> , 2009, 441, 3-11.	2.2	5
43	Deep-sea mystery solved: astonishing larval transformations and extreme sexual dimorphism unite three fish families. <i>Biology Letters</i> , 2009, 5, 235-239.	2.3	83
44	Divergence time of the two regional medaka populations in Japan as a new time scale for comparative genomics of vertebrates. <i>Biology Letters</i> , 2009, 5, 812-816.	2.3	90
45	The phylogenetic position of an undescribed paedomorphic clupeiform taxon: mitogenomic evidence. <i>Ichthyological Research</i> , 2008, 55, 328-334.	0.8	14
46	Interrelationships of the 11 gasterosteiform families (sticklebacks, pipefishes, and their relatives): A new perspective based on whole mitogenome sequences from 75 higher teleosts. <i>Molecular Phylogenetics and Evolution</i> , 2008, 46, 224-236.	2.7	105
47	Monophyly, phylogenetic position and inter-familial relationships of the Alepocephaliformes (Teleostei) based on whole mitogenome sequences. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 1111-1121.	2.7	42
48	Interrelationships of Atherinomorpha (medakas, flyingfishes, killifishes, silversides, and their) <i>Evolution</i> , 2008, 49, 598-605.	2.7	91
49	A new perspective on phylogeny and evolution of tetraodontiform fishes (Pisces: Acanthopterygii) based on whole mitochondrial genome sequences: Basal ecological diversification?. <i>BMC Evolutionary Biology</i> , 2008, 8, 212.	3.2	48
50	Mitogenomic evaluation of the historical biogeography of cichlids toward reliable dating of teleostean divergences. <i>BMC Evolutionary Biology</i> , 2008, 8, 215.	3.2	135
51	Heterotypy in the N-Terminal Region of Growth/Differentiation Factor 5 (GDF5) Mature Protein during Teleost Evolution. <i>Molecular Biology and Evolution</i> , 2008, 25, 797-800.	8.9	1
52	Explosive Speciation of Takifugu: Another Use of Fugu as a Model System for Evolutionary Biology. <i>Molecular Biology and Evolution</i> , 2008, 26, 623-629.	8.9	89
53	Phylogenetic relationships among anchovies, sardines, herrings and their relatives (Clupeiformes), inferred from whole mitogenome sequences. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 1096-1105.	2.7	87
54	DNA sequences identify numerous cryptic species of the vertebrate: A lesson from the gobioid fish <i>Schindleria</i> . <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 53-62.	2.7	53

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55	Phylogenetic position of tetraodontiform fishes within the higher teleosts: Bayesian inferences based on 44 whole mitochondrial genome sequences. <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 89-101.	2.7	84
56	Independent evolution of the specialized pharyngeal jaw apparatus in cichlid and labrid fishes. <i>BMC Evolutionary Biology</i> , 2007, 7, 10.	3.2	125
57	Evolution of feeding specialization in Tanganyikan scale-eating cichlids: a molecular phylogenetic approach. <i>BMC Evolutionary Biology</i> , 2007, 7, 195.	3.2	51
58	Post-duplication charge evolution of phosphoglucose isomerases in teleost fishes through weak selection on many amino acid sites. <i>BMC Evolutionary Biology</i> , 2007, 7, 204.	3.2	22
59	Mitochondrial genome and a nuclear gene indicate a novel phylogenetic position of deep-sea tube-eye fish (Stylephoridae). <i>Ichthyological Research</i> , 2007, 54, 323-332.	0.8	38
60	Complete mitochondrial DNA sequence of the Lake Biwa wild strain of common carp ( <i>Cyprinus carpio</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.5	75
61	The mitochondrial genome of spotted green pufferfish <i>Tetraodon nigroviridis</i> (Teleostei:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Genetic Systems, 2006, 81, 29-39.	0.7	112
62	Tandem repeat sequence segments in control region of bronze featherback <i>Notopterus notopterus</i> mitochondrial DNA. <i>Fisheries Science</i> , 2006, 72, 1319-1321.	1.6	4
63	Molecular phylogeny and stripe pattern evolution in the cardinalfish genus <i>Apogon</i> . <i>Molecular Phylogenetics and Evolution</i> , 2006, 38, 90-99.	2.7	22
64	Round and pointed-head grenadier fishes (Actinopterygii: Gadiformes) represent a single sister group: Evidence from the complete mitochondrial genome sequences. <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 129-138.	2.7	40
65	New primers for amplifying and sequencing the mitochondrial ND4/ND5 gene region of the Cypriniformes (Actinopterygii: Ostariophysi). <i>Ichthyological Research</i> , 2006, 53, 75-81.	0.8	30
66	Evolution and origin of vomeronasal-type odorant receptor gene repertoire in fishes. <i>BMC Evolutionary Biology</i> , 2006, 6, 76.	3.2	51
67	Molecular phylogeny and evolution of the freshwater eels genus <i>Anguilla</i> based on the whole mitochondrial genome sequences. <i>Molecular Phylogenetics and Evolution</i> , 2005, 34, 134-146.	2.7	159
68	Molecular systematics of the gonorynchiform fishes (Teleostei) based on whole mitogenome sequences: Implications for higher-level relationships within the Otocephala. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 165-177.	2.7	94
69	The phylogenetic position of toadfishes (order Batrachoidiformes) in the higher ray-finned fish as inferred from partitioned Bayesian analysis of 102 whole mitochondrial genome sequences. <i>Biological Journal of the Linnean Society</i> , 2005, 85, 289-306.	1.6	126
70	Evolution of the Mitochondrial Genome in Cephalochordata as Inferred from Complete Nucleotide Sequences from Two Epigonichthys Species. <i>Journal of Molecular Evolution</i> , 2005, 60, 526-537.	1.8	58
71	Mitochondrial DNA divergence in yoshinobori gobies ( <i>Rhinogobius</i> species complex) between the Bonin Islands and the Japanê“Ryukyu Archipelago. <i>Ichthyological Research</i> , 2005, 52, 410-413.	0.8	20
72	Unexpected Ceiling of Genetic Differentiation in the Control Region of the Mitochondrial DNA between Different Subspecies of the Ayu <i>Plecoglossus altivelis</i> . <i>Zoological Science</i> , 2005, 22, 401-410.	0.7	19

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73	The mitochondrial genome of Indonesian coelacanth <i>Latimeria menadoensis</i> (Sarcopterygii): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 227-235.	2.2	110
74	Large-scale gene rearrangements in the mitochondrial genomes of two calanoid copepods <i>Eucalanus bungii</i> and <i>Neocalanus cristatus</i> (Crustacea), with notes on new versatile primers for the srRNA and COI genes. <i>Gene</i> , 2004, 332, 71-78.	2.2	75
75	Organization of the Mitochondrial Genome of Antarctic Krill <i>Euphausia superba</i> (Crustacea): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 25	2.4	25
76	PCR-Based Approach for Sequencing Mitochondrial Genomes of Decapod Crustaceans, with a Practical Example from Kuruma Prawn ( <i>Marsupenaeus japonicus</i> ). <i>Marine Biotechnology</i> , 2004, 6, 419-429.	2.4	53
77	Mitochondrial genomes and phylogeny of the ocean sunfishes (Tetraodontiformes: Molidae). <i>Ichthyological Research</i> , 2004, 51, 269-273.	0.8	29
78	Gene Rearrangements and Evolution of tRNA Pseudogenes in the Mitochondrial Genome of the Parrotfish (Teleostei: Perciformes: Scaridae). <i>Journal of Molecular Evolution</i> , 2004, 59, 287-297.	1.8	62
79	Molecular phylogeny and possible scenario of ponyfish (Perciformes:Leiognathidae) evolution. <i>Molecular Phylogenetics and Evolution</i> , 2004, 31, 904-909.	2.7	19
80	Mitogenomic evidence for the monophyly of elopomorph fishes (Teleostei) and the evolutionary origin of the leptocephalus larva. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 274-286.	2.7	104
81	Molecular phylogeny of the antitropical genus <i>Pseudolabrus</i> (Perciformes: Labridae): evidence for a Southern Hemisphere origin. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 375-382.	2.7	18
82	Mitochondrial Genomics of Ostariophysan Fishes: Perspectives on Phylogeny and Biogeography. <i>Journal of Molecular Evolution</i> , 2003, 56, 464-472.	1.8	171
83	Basal actinopterygian relationships: a mitogenomic perspective on the phylogeny of the "ancient fish". <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 110-120.	2.7	265
84	Major patterns of higher teleostean phylogenies: a new perspective based on 100 complete mitochondrial DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 121-138.	2.7	668
85	Basal euteleostean relationships: a mitogenomic perspective on the phylogenetic reality of the "Protacanthopterygii". <i>Molecular Phylogenetics and Evolution</i> , 2003, 27, 476-488.	2.7	157
86	Complete mitochondrial DNA sequence of the swimming crab, <i>Portunus trituberculatus</i> (Crustacea): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 22	2.2	107
87	Using SINEs to Probe Ancient Explosive Speciation: "Hidden" Radiation of African Cichlids?. <i>Molecular Biology and Evolution</i> , 2003, 20, 924-930.	8.9	50
88	Evolution of the Deep-Sea Gulper Eel Mitochondrial Genomes: Large-Scale Gene Rearrangements Originated Within the Eels. <i>Molecular Biology and Evolution</i> , 2003, 20, 1917-1924.	8.9	105
89	Complete mitochondrial DNA sequence of the Japanese spiny lobster, <i>Panulirus japonicus</i> (Crustacea): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 22	2.2	92
90	Genetic Comparison of Two Choerodon (Osteichthyes : Perciformes : Labridae) Color-types from the Southern Coasts of Japan. <i>Species Diversity</i> , 2002, 7, 387-392.	0.4	1

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91	The complete DNA sequence of the mitochondrial genome of the self-fertilizing fish <i>Rivulus marmoratus</i> (Cyprinodontiformes, Rivulidae) and the first description of duplication of a control region in fish. <i>Gene</i> , 2001, 280, 1-7.	2.2	89
92	Complete Mitochondrial DNA Sequence of <i>Conger myriaster</i> (Teleostei: Anguilliformes): Novel Gene Order for Vertebrate Mitochondrial Genomes and the Phylogenetic Implications for Anguilliform Families. <i>Journal of Molecular Evolution</i> , 2001, 52, 311-320.	1.8	75
93	Retroposition of the AFC Family of SINEs (Short Interspersed Repetitive Elements) Before and During the Adaptive Radiation of Cichlid Fishes in Lake Malawi and Related Inferences About Phylogeny. <i>Journal of Molecular Evolution</i> , 2001, 53, 496-507.	1.8	35
94	Complete mitochondrial DNA sequence of <i>Aulopus japonicus</i> (Teleostei: Aulopiformes), a basal Eurypterygii: longer DNA sequences and higher-level relationships. <i>Ichthyological Research</i> , 2001, 48, 213-223.	0.8	61
95	Complete mitochondrial DNA sequence of the Japanese eel <i>Anguilla japonica</i> +. <i>Fisheries Science</i> , 2001, 67, 118-125.	1.6	65
96	Complete mitochondrial DNA sequence of ayu <i>Plecoglossus altivelis</i> . <i>Fisheries Science</i> , 2001, 67, 474-481.	1.6	49
97	Complete mitochondrial DNA sequence of the Japanese anchovy <i>Engraulis japonicus</i> . <i>Fisheries Science</i> , 2001, 67, 828-835.	1.6	57
98	A Mitogenomic Perspective on the Basal Teleostean Phylogeny: Resolving Higher-Level Relationships with Longer DNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 2001, 20, 275-285.	2.7	162
99	Phylogenetic Relationships and Ancient Incomplete Lineage Sorting Among Cichlid Fishes in Lake Tanganyika as Revealed by Analysis of the Insertion of Retroposons. <i>Molecular Biology and Evolution</i> , 2001, 18, 2057-2066.	8.9	191
100	Mitogenomic Exploration of Higher Teleostean Phylogenies: A Case Study for Moderate-Scale Evolutionary Genomics with 38 Newly Determined Complete Mitochondrial DNA Sequences. <i>Molecular Biology and Evolution</i> , 2001, 18, 1993-2009.	8.9	360
101	Molecular Systematics of the Deep-Sea Fish Genus <i>Gonostoma</i> (Stomiiformes: Gonostomatidae): Two Paraphyletic Clades and Resurrection of <i>Sigmops</i> . <i>Copeia</i> , 2000, 2000, 378-389.	1.3	20
102	Molecular Phylogeny and Larval Morphological Diversity of the Lanternfish Genus <i>Hygophum</i> (Teleostei: Myctophidae). <i>Molecular Phylogenetics and Evolution</i> , 2000, 15, 103-114.	2.7	25
103	Use of Mitogenomic Information in Teleostean Molecular Phylogenetics: A Tree-Based Exploration under the Maximum-Parsimony Optimality Criterion. <i>Molecular Phylogenetics and Evolution</i> , 2000, 17, 437-455.	2.7	325
104	Complete mitochondrial DNA sequence of the Japanese sardine <i>Sardinops melanostictus</i> +. <i>Fisheries Science</i> , 2000, 66, 924-932.	1.6	152
105	Molecular Phylogeny of Osteoglossoids: A New Model for Gondwanian Origin and Plate Tectonic Transportation of the Asian Arowana. <i>Molecular Biology and Evolution</i> , 2000, 17, 1869-1878.	8.9	97
106	Mitochondrial Molecular Clocks and the Origin of Euteleostean Biodiversity: Familial Radiation of Perciforms May Have Predated the Cretaceous/Tertiary Boundary. , 2000, , 35-52.		20
107	Organization of the Mitochondrial Genome of a Deep-Sea Fish, <i>Gonostoma gracile</i> (Teleostei: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Biotechnology, 1999, 1, 416-426.	2.4	294
108	Molecular Phylogeny and Evolution of the Deep-Sea Fish Genus <i>Sternoptyx</i> . <i>Molecular Phylogenetics and Evolution</i> , 1998, 10, 11-22.	2.7	34

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109	The Complete Nucleotide Sequence of a Snake ( <i>Dinodon semicarinatus</i> ) Mitochondrial Genome With Two Identical Control Regions. <i>Genetics</i> , 1998, 150, 313-329.	2.9	198
110	Speciation in the open ocean. <i>Nature</i> , 1997, 389, 803-804.	27.8	108
111	Molecular phylogenetic perspective on the evolution of the deep-sea fish genus <i>Cyclothone</i> (Stomiiformes: Gonostomatidae). <i>Ichthyological Research</i> , 1996, 43, 375-398.	0.8	66
112	Sequence evolution of mitochondrial tRNA genes and deep-branch animal phylogenetics. <i>Journal of Molecular Evolution</i> , 1993, 37, 380-98.	1.8	350