

# Rafael Zardoya

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130  
papers

10,439  
citations

52  
h-index

101  
g-index

242  
ext. papers

11,645  
ext. citations

4.7  
avg, IF

6.48  
L-index

#	Paper	IF	Citations
130	Mitogenomic phylogeny of mud snails of the mostly Atlantic/Mediterranean genus <i>Tritia</i> (Gastropoda: Nassariidae). <i>Zoologica Scripta</i> , <b>2021</b> , 50, 571-591	2.5	2
129	The genome of the venomous snail <i>Lautoconus ventricosus</i> sheds light on the origin of conotoxin diversity. <i>GigaScience</i> , <b>2021</b> , 10,	7.6	7
128	Quest for the Best Evolutionary Model. <i>Journal of Molecular Evolution</i> , <b>2021</b> , 89, 146-150	3.1	0
127	A Combined Transcriptomics and Proteomics Approach Reveals the Differences in the Predatory and Defensive Venoms of the Molluscivorous Cone Snail (Caenogastropoda: Conidae). <i>Toxins</i> , <b>2021</b> , 13,	4.9	2
126	Comparative transcriptomics of the venoms of continental and insular radiations of West African cones. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 287, 20200794	4.4	6
125	A mitogenomic phylogeny of chitons (Mollusca: Polyplacophora). <i>BMC Evolutionary Biology</i> , <b>2020</b> , 20, 22	3	13
124	Recent advances in understanding mitochondrial genome diversity. <i>F1000Research</i> , <b>2020</b> , 9,	3.6	19
123	Conidae phylogenomics and evolution. <i>Zoologica Scripta</i> , <b>2019</b> , 48, 194-214	2.5	9
122	Conotoxin Diversity in the Venom Gland Transcriptome of the Magician's Cone,. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	11
121	New patellogastropod mitogenomes help counteracting long-branch attraction in the deep phylogeny of gastropod mollusks. <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 133, 12-23	4.1	27
120	Conotoxin Diversity in <i>Chelyconus ermineus</i> (Born, 1778) and the Convergent Origin of Piscivory in the Atlantic and Indo-Pacific Cones. <i>Genome Biology and Evolution</i> , <b>2018</b> , 10, 2643-2662	3.9	16
119	Phylogenetic relationships of the conoidean snails (Gastropoda: Caenogastropoda) based on mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 127, 898-906	4.1	13
118	Mitogenomic phylogeny of cone snails endemic to Senegal. <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 112, 79-87	4.1	10
117	Revisiting the phylogeny of Cephalopoda using complete mitochondrial genomes. <i>Journal of Molluscan Studies</i> , <b>2017</b> , 83, 133-144	1.1	29
116	Denser mitogenomic sampling improves resolution of the phylogeny of the superfamily Trochoidea (Gastropoda: Vetigastropoda). <i>Journal of Molluscan Studies</i> , <b>2017</b> , 83, 111-118	1.1	17
115	Phylogenetic relationships of cone snails endemic to Cabo Verde based on mitochondrial genomes. <i>BMC Evolutionary Biology</i> , <b>2017</b> , 17, 231	3	13
114	Cryptic lineage divergence in marine environments: genetic differentiation at multiple spatial and temporal scales in the widespread intertidal goby. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 5514-5523	2.8	18

113	Beyond Conus: Phylogenetic relationships of Conidae based on complete mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 107, 142-151	4.1	27
112	Phylogenetic relationships of Mediterranean and North-East Atlantic Cantharidinae and notes on Stomatellinae (Vetigastropoda: Trochidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 107, 64-79	4.1	13
111	Phylogenetic relationships among superfamilies of Neritimorpha (Mollusca: Gastropoda). <i>Molecular Phylogenetics and Evolution</i> , <b>2016</b> , 104, 21-31	4.1	31
110	Mitogenomics of Vetigastropoda: insights into the evolution of pallial symmetry. <i>Zoologica Scripta</i> , <b>2016</b> , 45, 145-159	2.5	35
109	Caenogastropod mitogenomics. <i>Molecular Phylogenetics and Evolution</i> , <b>2015</b> , 93, 118-28	4.1	47
108	Patterns of genetic variation in the endangered European mink ( <i>Mustela lutreola</i> L., 1761). <i>BMC Evolutionary Biology</i> , <b>2015</b> , 15, 141	3	10
107	TRUFA: A User-Friendly Web Server for de novo RNA-seq Analysis Using Cluster Computing. <i>Evolutionary Bioinformatics</i> , <b>2015</b> , 11, 97-104	1.9	30
106	Diversity and evolution of membrane intrinsic proteins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2014</b> , 1840, 1468-81	4	138
105	Life-history evolution and mitogenomic phylogeny of caecilian amphibians. <i>Molecular Phylogenetics and Evolution</i> , <b>2014</b> , 73, 177-89	4.1	75
104	The mitochondrial genome of <i>Ifremeria nautilei</i> and the phylogenetic position of the enigmatic deep-sea Abyssochrysoidea (Mollusca: Gastropoda). <i>Gene</i> , <b>2014</b> , 547, 257-66	3.8	19
103	Island survivors: population genetic structure and demography of the critically endangered giant lizard of La Gomera, <i>Gallotia bravoana</i> . <i>BMC Genetics</i> , <b>2014</b> , 15, 121	2.6	9
102	Molecular phylogeny of Acanthochitonina (Mollusca: Polyplacophora: Chitonida): three new mitochondrial genomes, rearranged gene orders and systematics. <i>Journal of Natural History</i> , <b>2014</b> , 48, 2825-2853	0.5	21
101	The complete mitochondrial genome of <i>Scutopus ventrolineatus</i> (Mollusca: Chaetodermomorpha) supports the Aculifera hypothesis. <i>BMC Evolutionary Biology</i> , <b>2014</b> , 14, 197	3	19
100	Molecular phylogenetics of Gobioidae and phylogenetic placement of European gobies. <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 69, 619-33	4.1	112
99	Phylogenetic Hypothesis Testing <b>2013</b> ,		2
98	Biogeography of the Mesoamerican Cichlidae (Teleostei: Heroini): colonization through the GAARlandia land bridge and early diversification. <i>Journal of Biogeography</i> , <b>2013</b> , 40, 579-593	4.1	58
97	Microsatellite DNA capture from enriched libraries. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1006, 67-87	1.4	3
96	Evolutionary analyses of gap junction protein families. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2013</b> , 1828, 4-14	3.8	91

95	Experimental design in phylogenetics: testing predictions from expected information. <i>Systematic Biology</i> , <b>2012</b> , 61, 661-74	8.4	11
94	The origin of modern frogs (Neobatrachia) was accompanied by acceleration in mitochondrial and nuclear substitution rates. <i>BMC Genomics</i> , <b>2012</b> , 13, 626	4.5	44
93	The evolution of the mitochondrial genetic code in arthropods revisited. <i>Mitochondrial DNA</i> , <b>2012</b> , 23, 84-91		25
92	A new species of sand racer, <i>Psammmodromus</i> (Squamata: Lacertidae), from the Western Iberian Peninsula. <i>Zootaxa</i> , <b>2012</b> , 3205, 41	0.5	9
91	LRRC8 proteins share a common ancestor with pannexins, and may form hexameric channels involved in cell-cell communication. <i>BioEssays</i> , <b>2012</b> , 34, 551-60	4.1	112
90	Bayesian analysis of hybridization and introgression between the endangered european mink ( <i>Mustela lutreola</i> ) and the polecat ( <i>Mustela putorius</i> ). <i>Molecular Ecology</i> , <b>2011</b> , 20, 1176-90	5.7	40
89	Integrative analyses of speciation and divergence in <i>Psammmodromus hispanicus</i> (Squamata: Lacertidae). <i>BMC Evolutionary Biology</i> , <b>2011</b> , 11, 347	3	23
88	Reversal to air-driven sound production revealed by a molecular phylogeny of tongueless frogs, family Pipidae. <i>BMC Evolutionary Biology</i> , <b>2011</b> , 11, 114	3	41
87	Ancient origin of endemic Iberian earth-boring dung beetles (Geotrupidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2011</b> , 59, 578-86	4.1	19
86	Evolutionary biology in biodiversity science, conservation, and policy: a call to action. <i>Evolution; International Journal of Organic Evolution</i> , <b>2010</b> , 64, 1517-28	3.8	73
85	TranslatorX: multiple alignment of nucleotide sequences guided by amino acid translations. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, W7-13	20.1	873
84	The complete mitochondrial genome of the relict frog <i>Leiopelma archeyi</i> : insights into the root of the frog Tree of Life. <i>Mitochondrial DNA</i> , <b>2010</b> , 21, 173-82		29
83	Genetic diversity assessments in the century of genome science. <i>Current Opinion in Environmental Sustainability</i> , <b>2010</b> , 2, 43-49	7.2	14
82	Accurate Selection of Models of Protein Evolution. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 117-121		
81	Neogastropod phylogenetic relationships based on entire mitochondrial genomes. <i>BMC Evolutionary Biology</i> , <b>2009</b> , 9, 210	3	95
80	Oxidative stress, thermogenesis and evolution of uncoupling proteins. <i>Journal of Biology</i> , <b>2009</b> , 8, 58		26
79	Effect of taxon sampling on recovering the phylogeny of squamate reptiles based on complete mitochondrial genome and nuclear gene sequence data. <i>Gene</i> , <b>2009</b> , 441, 12-21	3.8	41
78	Automatic Prediction of the Genetic Code. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 1125-1129	0.9	1

77	Polymorphic microsatellite markers for the critically endangered Balearic shearwater, <i>Puffinus mauretanicus</i> . <i>Molecular Ecology Resources</i> , <b>2009</b> , 9, 1044-6	8.4	7
76	Experimental design in caecilian systematics: phylogenetic information of mitochondrial genomes and nuclear rag1. <i>Systematic Biology</i> , <b>2009</b> , 58, 425-38	8.4	26
75	Genetic code prediction for metazoan mitochondria with GenDecoder. <i>Methods in Molecular Biology</i> , <b>2009</b> , 537, 233-42	1.4	6
74	Genetic structuring and migration patterns of Atlantic bigeye tuna, <i>Thunnus obesus</i> (Lowe, 1839). <i>BMC Evolutionary Biology</i> , <b>2008</b> , 8, 252	3	48
73	Evolution of gastropod mitochondrial genome arrangements. <i>BMC Evolutionary Biology</i> , <b>2008</b> , 8, 61	3	130
72	Sequencing and phylogenomic analysis of whole mitochondrial genomes of animals. <i>Methods in Molecular Biology</i> , <b>2008</b> , 422, 185-200	1.4	2
71	Evolution of the insulin receptor family and receptor isoform expression in vertebrates. <i>Molecular Biology and Evolution</i> , <b>2008</b> , 25, 1043-53	8.3	78
70	Replaying the tape: recurring biogeographical patterns in Cape Verde Conus after 12 million years. <i>Molecular Ecology</i> , <b>2008</b> , 17, 885-901	5.7	28
69	Phylogenetic relationships of Middle American cichlids (Cichlidae, Heroini) based on combined evidence from nuclear genes, mtDNA, and morphology. <i>Molecular Phylogenetics and Evolution</i> , <b>2008</b> , 49, 941-57	4.1	48
68	Phylogeny and biogeography of 91 species of heroine cichlids (Teleostei: Cichlidae) based on sequences of the cytochrome b gene. <i>Molecular Phylogenetics and Evolution</i> , <b>2007</b> , 43, 91-110	4.1	84
67	Phylogeographical and speciation patterns in subterranean worm lizards of the genus <i>Blanus</i> (Amphisbaenia: Blanidae). <i>Molecular Ecology</i> , <b>2007</b> , 16, 1519-31	5.7	42
66	Microsatellite markers for the endangered European mink ( <i>Mustela lutreola</i> ) and closely related mustelids. <i>Molecular Ecology Notes</i> , <b>2007</b> , 7, 1185-1188		14
65	Relative role of life-history traits and historical factors in shaping genetic population structure of sardines ( <i>Sardina pilchardus</i> ). <i>BMC Evolutionary Biology</i> , <b>2007</b> , 7, 197	3	49
64	Antarctic fish mitochondrial genomes lack ND6 gene. <i>Journal of Molecular Evolution</i> , <b>2007</b> , 65, 519-28	3.1	35
63	MtArt: a new model of amino acid replacement for Arthropoda. <i>Molecular Biology and Evolution</i> , <b>2007</b> , 24, 1-5	8.3	127
62	The complete mitochondrial DNA sequence of the Mekong giant catfish ( <i>Pangasianodon gigas</i> ), and the phylogenetic relationships among Siluriformes. <i>Gene</i> , <b>2007</b> , 387, 49-57	3.8	63
61	Actinobacteria cyclophilins: phylogenetic relationships and description of new class- and order-specific paralogues. <i>Journal of Molecular Evolution</i> , <b>2006</b> , 63, 719-32	3.1	9
60	Molecular phylogenetics and evolutionary diversification of labyrinth fishes (Perciformes: Anabantoidei). <i>Systematic Biology</i> , <b>2006</b> , 55, 374-97	8.4	65

59	A hotspot of gene order rearrangement by tandem duplication and random loss in the vertebrate mitochondrial genome. <i>Molecular Biology and Evolution</i> , <b>2006</b> , 23, 227-34	8.3	165
58	Mitochondrial phylogeny of Anura (Amphibia): a case study of congruent phylogenetic reconstruction using amino acid and nucleotide characters. <i>Gene</i> , <b>2006</b> , 366, 228-37	3.8	38
57	On the phylogenetic position of a rare Iberian endemic mammal, the Pyrenean desman ( <i>Galemys pyrenaicus</i> ). <i>Gene</i> , <b>2006</b> , 375, 1-13	3.8	43
56	Evolutionarily distinct residues in the uncoupling protein UCP1 are essential for its characteristic basal proton conductance. <i>Journal of Molecular Biology</i> , <b>2006</b> , 359, 1010-22	6.5	21
55	Parallel evolution of the genetic code in arthropod mitochondrial genomes. <i>PLoS Biology</i> , <b>2006</b> , 4, e127	9.7	73
54	GenDecoder: genetic code prediction for metazoan mitochondria. <i>Nucleic Acids Research</i> , <b>2006</b> , 34, W389-93	3.9	30
53	Isolation and characterization of polymorphic microsatellites for the sardine <i>Sardina pilchardus</i> (Clupeiformes: Clupeidae). <i>Molecular Ecology Notes</i> , <b>2006</b> , 7, 519-921		7
52	Genetic diversity and historical demography of Atlantic bigeye tuna ( <i>Thunnus obesus</i> ). <i>Molecular Phylogenetics and Evolution</i> , <b>2006</b> , 39, 404-16	4.1	55
51	Signature of an early genetic bottleneck in a population of Moroccan sardines ( <i>Sardina pilchardus</i> ). <i>Molecular Phylogenetics and Evolution</i> , <b>2006</b> , 39, 373-83	4.1	51
50	ProtTest: selection of best-fit models of protein evolution. <i>Bioinformatics</i> , <b>2005</b> , 21, 2104-5	7.2	2556
49	Initial diversification of living amphibians predated the breakup of Pangaea. <i>American Naturalist</i> , <b>2005</b> , 165, 590-9	3.7	202
48	Phylogeny and evolution of the major intrinsic protein family. <i>Biology of the Cell</i> , <b>2005</b> , 97, 397-414	3.5	217
47	Patterns of cladogenesis in the venomous marine gastropod genus <i>Conus</i> from the Cape Verde islands. <i>Systematic Biology</i> , <b>2005</b> , 54, 634-50	8.4	48
46	Novel polymorphic microsatellites for the red-legged partridge ( <i>Alectoris rufa</i> ) and cross-species amplification in <i>Alectoris graeca</i> . <i>Molecular Ecology Notes</i> , <b>2005</b> , 5, 449-451		17
45	RAPID CLADOGENESIS IN MARINE FISHES REVISITED. <i>Evolution; International Journal of Organic Evolution</i> , <b>2005</b> , 59, 1119-1127	3.8	64
44	EVOLUTION OF MOUTHBROODING AND LIFE-HISTORY CORRELATES IN THE FIGHTING FISH GENUS BETTA. <i>Evolution; International Journal of Organic Evolution</i> , <b>2004</b> , 58, 799	3.8	3
43	Differential population structuring of two closely related fish species, the mackerel ( <i>Scomber scombrus</i> ) and the chub mackerel ( <i>Scomber japonicus</i> ), in the Mediterranean Sea. <i>Molecular Ecology</i> , <b>2004</b> , 13, 1785-98	5.7	127
42	Evolution of mouthbrooding and life-history correlates in the fighting fish genus <i>Betta</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2004</b> , 58, 799-813	3.8	47

41	Phylogenetic relationships of Iberian Aphodiini (Coleoptera: Scarabaeidae) based on morphological and molecular data. <i>Molecular Phylogenetics and Evolution</i> , <b>2004</b> , 31, 1084-100	4.1	13
40	Evolutionary and biogeographic patterns of the Badidae (Teleostei: Perciformes) inferred from mitochondrial and nuclear DNA sequence data. <i>Molecular Phylogenetics and Evolution</i> , <b>2004</b> , 32, 1010-22	4.1	77
39	Phylogeny of caecilian amphibians (Gymnophiona) based on complete mitochondrial genomes and nuclear RAG1. <i>Molecular Phylogenetics and Evolution</i> , <b>2004</b> , 33, 413-27	4.1	132
38	Molecular phylogeny of euthyneura (mollusca: gastropoda). <i>Molecular Biology and Evolution</i> , <b>2004</b> , 21, 303-13	8.3	72
37	Phylogenetic relationships of discoglossid frogs (Amphibia:Anura:Discoglossidae) based on complete mitochondrial genomes and nuclear genes. <i>Gene</i> , <b>2004</b> , 343, 357-66	3.8	62
36	Phylogenetic relationships among Opisthobranchia (Mollusca: Gastropoda) based on mitochondrial cox 1, trnV, and rrnL genes. <i>Molecular Phylogenetics and Evolution</i> , <b>2004</b> , 33, 378-88	4.1	55
35	Recent Advances in the (Molecular) Phylogeny of Vertebrates. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2003</b> , 34, 311-338	13.5	151
34	Rapid speciation and ecological divergence in the American seven-spined gobies (Gobiidae, Gobiosomatini) inferred from a molecular phylogeny. <i>Evolution; International Journal of Organic Evolution</i> , <b>2003</b> , 57, 1584-98	3.8	109
33	Complete nucleotide sequence of the mitochondrial genome of a salamander, <i>Mertensiella luschani</i> . <i>Gene</i> , <b>2003</b> , 317, 17-27	3.8	25
32	RAPID SPECIATION AND ECOLOGICAL DIVERGENCE IN THE AMERICAN SEVEN-SPINED GOBIES (GOBIIDAE, GOBIOSOMATINI) INFERRED FROM A MOLECULAR PHYLOGENY. <i>Evolution; International Journal of Organic Evolution</i> , <b>2003</b> , 57, 1584	3.8	10
31	Phylogenetic relationships of Iberian dung beetles (Coleoptera: scarabaeinae): insights on the evolution of nesting behavior. <i>Journal of Molecular Evolution</i> , <b>2002</b> , 55, 116-26	3.1	53
30	Origin of plant glycerol transporters by horizontal gene transfer and functional recruitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 14893-6	11.5	70
29	The complete mitochondrial genome of the nudibranch <i>Roboastra europaea</i> (Mollusca: Gastropoda) supports the monophyly of opisthobranchs. <i>Molecular Biology and Evolution</i> , <b>2002</b> , 19, 1672-85	8.3	58
28	A phylogenetic framework for the aquaporin family in eukaryotes. <i>Journal of Molecular Evolution</i> , <b>2001</b> , 52, 391-404	3.1	104
27	The evolutionary position of turtles revised. <i>Die Naturwissenschaften</i> , <b>2001</b> , 88, 193-200	2	121
26	On the origin of and phylogenetic relationships among living amphibians. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 7380-3	11.5	94
25	Mitochondrial evidence on the phylogenetic position of caecilians (Amphibia: Gymnophiona). <i>Genetics</i> , <b>2000</b> , 155, 765-75	4	46
24	Molecular evidence on the evolutionary and biogeographical patterns of European cyprinids. <i>Journal of Molecular Evolution</i> , <b>1999</b> , 49, 227-37	3.1	330

23	Mitochondrial and nuclear rRNA based copepod phylogeny with emphasis on the Euchaetidae (Calanoida). <i>Marine Biology</i> , <b>1999</b> , 133, 79-90	2.5	58
22	Phylogenetic relationships of Greek cyprinidae: molecular evidence for at least two origins of the Greek cyprinid fauna. <i>Molecular Phylogenetics and Evolution</i> , <b>1999</b> , 13, 122-31	4.1	60
21	Platyrrhine systematics: a simultaneous analysis of molecular and morphological data. <i>American Journal of Physical Anthropology</i> , <b>1998</b> , 106, 261-81	2.5	59
20	Limitations of metazoan 18S rRNA sequence data: implications for reconstructing a phylogeny of the animal kingdom and inferring the reality of the Cambrian explosion. <i>Journal of Molecular Evolution</i> , <b>1998</b> , 47, 394-405	3.1	106
19	Cloning and characterization of a microsatellite in the mitochondrial control region of the African side-necked turtle, Pelomedusa subrufa. <i>Gene</i> , <b>1998</b> , 216, 149-53	3.8	37
18	Phylogenetic relationships of Iberian cyprinids: systematic and biogeographical implications. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>1998</b> , 265, 1365-72	4.4	106
17	Complete mitochondrial genome suggests diapsid affinities of turtles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 14226-31	11.5	172
16	Molecular phylogenetic information on the identity of the closest living relative(s) of land vertebrates. <i>Die Naturwissenschaften</i> , <b>1997</b> , 84, 389-97	2	37
15	The complete DNA sequence of the mitochondrial genome of a "living fossil," the coelacanth ( <i>Latimeria chalumnae</i> ). <i>Genetics</i> , <b>1997</b> , 146, 995-1010	4	85
14	Phylogenetic performance of mitochondrial protein-coding genes in resolving relationships among vertebrates. <i>Molecular Biology and Evolution</i> , <b>1996</b> , 13, 933-42	8.3	293
13	Phylogenetic relationships of european strains of porcine reproductive and respiratory syndrome virus (PRRSV) inferred from DNA sequences of putative ORF-5 and ORF-7 genes. <i>Virus Research</i> , <b>1996</b> , 42, 159-65	6.4	76
12	Evolutionary relationships of the coelacanth, lungfishes, and tetrapods based on the 28S ribosomal RNA gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 5449-54	11.5	94
11	Evolutionary analyses of hedgehog and Hoxd-10 genes in fish species closely related to the zebrafish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 13036-41	11.5	46
10	Evolution and orthology of hedgehog genes. <i>Trends in Genetics</i> , <b>1996</b> , 12, 496-7	8.5	59
9	The complete nucleotide sequence of the mitochondrial genome of the lungfish ( <i>Protopterus dolloi</i> ) supports its phylogenetic position as a close relative of land vertebrates. <i>Genetics</i> , <b>1996</b> , 142, 1249-63	4	94
8	The complete mitochondrial DNA sequence of the bichir ( <i>Polypterus ornatipinnis</i> ), a basal ray-finned fish: ancient establishment of the consensus vertebrate gene order. <i>Genetics</i> , <b>1996</b> , 144, 1165-80	4	95
7	The complete nucleotide sequence of the mitochondrial DNA genome of the rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Journal of Molecular Evolution</i> , <b>1995</b> , 41, 942-51	3.1	161
6	Analysis of the transcription products of the rainbow trout ( <i>Oncorhynchus mykiss</i> ) liver mitochondrial genome: detection of novel mitochondrial transcripts. <i>Current Genetics</i> , <b>1995</b> , 28, 67-70	2.9	7



5	Nucleotide sequence of the sheep mitochondrial DNA D-loop and its flanking tRNA genes. <i>Current Genetics</i> , <b>1995</b> , 28, 94-6	2.9	24
4	Rapid and sensitive detection of the bovine viral diarrhoea virus genome in semen. <i>Journal of Virological Methods</i> , <b>1995</b> , 55, 209-18	2.6	22
3	MORPHOSPECIES VS. GENOSPECIES IN TOXIC MARINE DINOFLAGELLATES: AN ANALYSIS OF GYMNOZONIUM CATENATUM/GYRODINIUM IMPUDICUM AND ALEXANDRIUM MINUTUM/A. LUSITANICUM USING ANTIBODIES, LECTINS, AND GENE SEQUENCES <sup>1</sup> . <i>Journal of Phycology</i> , <b>1995</b> , 31, 801-807	3	40
2	Direct detection of the porcine reproductive and respiratory syndrome (PRRS) virus by reverse polymerase chain reaction (RT-PCR). <i>Archives of Virology</i> , <b>1994</b> , 135, 89-99	2.6	71
1	Deciphering the Evolution of the Mitochondrial Genetic Code in Arthropods		2