

# Cesar Martins

## List of Publications by Year in descending order

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127  
papers

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87888

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133  
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133  
docs citations

133  
times ranked

2732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromosomal localization of 5S rDNA genes in Leporinus fish (Anostomidae, Characiformes). Chromosome Research, 1999, 7, 363-367.	2.2	351
2	The B chromosomes of the African cichlid fish Haplochromis obliquidens harbour 18S rRNA gene copies. BMC Genetics, 2010, 11, 1.	2.7	184
3	Two 5S rDNA arrays in neotropical fish species: is it a general rule for fishes?. Genetica, 2001, 111, 439-446.	1.1	147
4	Chromosome spreading of associated transposable elements and ribosomal DNA in the fish Erythrinus erythrinus. Implications for genome change and karyoevolution in fish. BMC Evolutionary Biology, 2010, 10, 271.	3.2	125
5	Organization of 5S rDNA in species of the fish <i>Leporinus</i> : two different genomic locations are characterized by distinct nontranscribed spacers. Genome, 2001, 44, 903-910.	2.0	113
6	Origin and Evolution of B Chromosomes in the Cichlid Fish <i>Astatotilapia latifasciata</i> Based on Integrated Genomic Analyses. Molecular Biology and Evolution, 2014, 31, 2061-2072.	8.9	112
7	A tandemly repetitive centromeric DNA sequence of the fish <i>Hoplias malabaricus</i> (Characiformes: Tj ETQq1 1 0.784314 rgBT /Overlock 111	1.1	111
8	Non-destructive genetic sampling in fish. An improved method for DNA extraction from fish fins and scales. Hereditas, 2003, 138, 161-165.	1.4	110
9	Molecular organization of 5S rDNA in fishes of the genus <i>Brycon</i> . Genome, 2001, 44, 893-902.	2.0	101
10	Chromosomal mapping of repetitive DNAs in the beetle <i>Dichotomius geminatus</i> provides the first evidence for an association of 5S rRNA and histone H3 genes in insects, and repetitive DNA similarity between the B chromosome and A complement. Hereditas, 2010, 104, 393-400.	2.6	99
11	Chromosomal Variability among Allopatric Populations of Erythrinidae Fish & Hoplias malabaricus: Mapping of Three Classes of Repetitive DNAs. Cytogenetic and Genome Research, 2009, 125, 132-141.	1.1	94
12	Variability of 18S rDNA locus among <i>Symphysodon</i> fishes: chromosomal rearrangements. Journal of Fish Biology, 2010, 76, 1117-1127.	1.6	89
13	Differential expression of myogenic regulatory factor MyoD in pacu skeletal muscle ( <i>Piaractus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 111 growth phases. Micron, 2008, 39, 1306-1311.	2.2	78
14	Dynamics of 5S rDNA in the tilapia & ( <i>Oreochromis niloticus</i> ) genome: repeat units, inverted sequences, pseudogenes and chromosome loci. Cytogenetic and Genome Research, 2002, 98, 78-85.	1.1	77
15	Cytogenetic Mapping of the Retroelements <i>Rex1</i> , <i>Rex3</i> and <i>Rex6</i> among Cichlid Fish: New Insights on the Chromosomal Distribution of Transposable Elements. Cytogenetic and Genome Research, 2011, 133, 34-42.	1.1	75
16	Chromosome differentiation patterns during cichlid fish evolution. BMC Genetics, 2010, 11, 50.	2.7	74
17	The 5S rDNA family evolves through concerted and birth-and-death evolution in fish genomes: an example from freshwater stingrays. BMC Evolutionary Biology, 2011, 11, 151.	3.2	70
18	Physical chromosome mapping of repetitive DNA sequences in Nile tilapia <i>Oreochromis niloticus</i> : Evidences for a differential distribution of repetitive elements in the sex chromosomes. Micron, 2008, 39, 411-418.	2.2	69

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19	Molecular organization of 5S rDNA in fishes of the genus <i>Brycon</i> . <i>Genome</i> , 2001, 44, 893-902.	2.0	66
20	Chromosomal organization of the 18S and 5S rRNAs and histone H3 genes in Scarabaeinae coleopterans: insights into the evolutionary dynamics of multigene families and heterochromatin. <i>BMC Genetics</i> , 2011, 12, 88.	2.7	62
21	Evolutionary dynamics of rRNA gene clusters in cichlid fish. <i>BMC Evolutionary Biology</i> , 2012, 12, 198.	3.2	62
22	Conservative distribution of 5S rDNA loci in Schizodon (Pisces, Anostomidae) chromosomes. <i>Chromosome Research</i> , 2000, 8, 353-355.	2.2	59
23	The Modern View of B Chromosomes Under the Impact of High Scale Omics Analyses. <i>Cells</i> , 2019, 8, 156.	4.1	58
24	Nucleotide Sequence of 5s rDNA and Localization of the Ribosomal RNA Genes to Metaphase Chromosomes of the Tilapiine Cichlid Fish, <i>Oreochromis Niloticus</i> . <i>Hereditas</i> , 2000, 133, 39-46.	1.4	57
25	Comparative Cytogenetic Analysis of the Genus <i>Symphysodon</i> (Discus Fishes.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> <i>Cytogenetic and Genome Research</i> , 2009, 127, 43-53.	1.1	55
26	Comparative chromosome mapping of repetitive sequences. Implications for genomic evolution in the fish, <i>Hoplias malabaricus</i> . <i>BMC Genetics</i> , 2009, 10, 34.	2.7	52
27	Genomic organization of repetitive DNAs in the cichlid fish <i>Astronotus ocellatus</i> . <i>Genetica</i> , 2009, 136, 461-469.	1.1	51
28	B chromosomes: from cytogenetics to systems biology. <i>Chromosoma</i> , 2017, 126, 73-81.	2.2	51
29	Quantitative expression of myogenic regulatory factors MyoD and myogenin in pacu ( <i>Piaractus</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> <i>Chromosome Research</i> , 2012, 20, 279-292.	2.2	49
30	Genomic organization and comparative chromosome mapping of the U1 snRNA gene in cichlid fish, with an emphasis in <i>Oreochromis niloticus</i> . <i>Chromosome Research</i> , 2012, 20, 279-292.	2.2	49
31	High-throughput analysis of the satellitome revealed enormous diversity of satellite DNAs in the neo-Y chromosome of the cricket <i>Eneoptera surinamensis</i> . <i>Scientific Reports</i> , 2017, 7, 6422.	3.3	48
32	Identification of a new repetitive element in the sex chromosomes of <i>Leporinus elongatus</i> (Teleostei: Characiformes: Anostomidae): new insights into the sex chromosomes of <i>Leporinus</i> . <i>Cytogenetic and Genome Research</i> , 2007, 116, 218-223.	1.1	45
33	Chromosome Evolution in African Cichlid Fish: Contributions from the Physical Mapping of Repeated DNAs. <i>Cytogenetic and Genome Research</i> , 2010, 129, 314-322.	1.1	44
34	The opsin genes of amazonian cichlids. <i>Molecular Ecology</i> , 2017, 26, 1343-1356.	3.9	44
35	DNA transposon invasion and microsatellite accumulation guide W chromosome differentiation in a Neotropical fish genome. <i>Chromosoma</i> , 2019, 128, 547-560.	2.2	43
36	Organization of Repeated DNA Elements in the Genome of the Cichlid Fish <i>Cichla kelberi</i> and Its Contributions to the Knowledge of Fish Genomes. <i>Cytogenetic and Genome Research</i> , 2009, 125, 224-234.	1.1	42

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37	Differentiation of the XY Sex Chromosomes in the Fish <i>Hoplias malabaricus</i> (Characiformes). <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> Development, 2010, 4, 176-185.	2.0	42
38	Cytogenetic Mapping of rRNAs and Histone H3 Genes in 14 Species of <i>Dichotomius</i> (Coleoptera). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.1	41
39	Genetic monitoring of the Amazonian fish matrinxã ( <i>Brycon cephalus</i> ) using RAPD markers: insights into supportive breeding and conservation programmes. <i>Journal of Applied Ichthyology</i> , 2004, 20, 48-52.	0.7	40
40	5S rDNA variation and its phylogenetic inference in the genus <i>Leporinus</i> (Characiformes). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td</i>	1.1	40
41	Genomic content and new insights on the origin of the B chromosome of the cichlid fish <i>Astatotilapia latifasciata</i> . <i>Genetica</i> , 2011, 139, 1273-1282.	1.1	40
42	Chromosomal evolution of neotropical cichlids: the role of repetitive DNA sequences in the organization and structure of karyotype. <i>Reviews in Fish Biology and Fisheries</i> , 2013, 23, 201-214.	4.9	40
43	The Development of a Universal In Silico Predictor of Protein-Protein Interactions. <i>PLoS ONE</i> , 2013, 8, e65587.	2.5	36
44	MicroRNA-499 Expression Distinctively Correlates to Target Genes <i>sox6</i> and <i>rod1</i> Profiles to Resolve the Skeletal Muscle Phenotype in Nile Tilapia. <i>PLoS ONE</i> , 2015, 10, e0119804.	2.5	36
45	Dynamic Sequence Evolution of a Sex-Associated B Chromosome in Lake Malawi Cichlid Fish. <i>Journal of Heredity</i> , 2017, 108, 53-62.	2.4	36
46	Physical mapping of the Nile tilapia ( <i>Oreochromis niloticus</i> ) genome by fluorescent in situ hybridization of repetitive DNAs to metaphase chromosomes—a review. <i>Aquaculture</i> , 2004, 231, 37-49.	3.5	34
47	Chromosomal mapping of rDNAs and H3 histone sequences in the grasshopper <i>rhammatocerus brasiliensis</i> (acrididae, gomphocerinae): extensive chromosomal dispersion and co-localization of 5S rDNA/H3 histone clusters in the A complement and B chromosome. <i>Molecular Cytogenetics</i> , 2011, 4, 24.	0.9	34
48	Horizontal transfers of Mariner transposons between mammals and insects. <i>Mobile DNA</i> , 2012, 3, 14.	3.6	34
49	Evolutionary dynamics of retrotransposable elements <i>Rex1</i> , <i>Rex3</i> and <i>Rex6</i> in neotropical cichlid genomes. <i>BMC Evolutionary Biology</i> , 2013, 13, 152.	3.2	34
50	Cytogenetic Mapping of 5S and 18S rRNAs and H3 Histone Genes in 4 Ancient Proscopiidae Grasshopper Species: Contribution to Understanding the Evolutionary Dynamics of Multigene Families. <i>Cytogenetic and Genome Research</i> , 2011, 132, 89-93.	1.1	33
51	Intriguing evidence of translocations in <i>Discus</i> fish ( <i>Symphysodon</i> , Cichlidae) and a report of the largest meiotic chromosomal chain observed in vertebrates. <i>Heredity</i> , 2009, 102, 435-441.	2.6	32
52	Mitochondrial DNA variation in wild populations of <i>Leporinus elongatus</i> from the Paranã River basin. <i>Genetics and Molecular Biology</i> , 2003, 26, 33-38.	1.3	31
53	Molecular organization of 5S rDNA in sharks of the genus <i>Rhizoprionodon</i> : insights into the evolutionary dynamics of 5S rDNA in vertebrate genomes. <i>Genetical Research</i> , 2009, 91, 61-72.	0.9	31
54	The repetitive DNA element <i>BncDNA</i> , enriched in the B chromosome of the cichlid fish <i>Astatotilapia latifasciata</i> , transcribes a potentially noncoding RNA. <i>Chromosoma</i> , 2017, 126, 313-323.	2.2	31

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55	Landscape of Transposable Elements Focusing on the B Chromosome of the Cichlid Fish <i>Astatotilapia latifasciata</i> . <i>Genes</i> , 2018, 9, 269.	2.4	31
56	Integrating cytogenetics and genomics in comparative evolutionary studies of cichlid fish. <i>BMC Genomics</i> , 2012, 13, 463.	2.8	30
57	Comparative chromosome mapping of 5S rDNA and 5S<i>HindIII</i> repetitive sequences in Erythrinidae fishes (Characiformes) with emphasis on the <i>Hoplias malabaricus</i> species complex™. <i>Cytogenetic and Genome Research</i> , 2007, 118, 78-83.	1.1	29
58	Evolutionary dynamics of heterochromatin in the genome of <i>Dichotomius</i> beetles based on chromosomal analysis. <i>Genetica</i> , 2011, 139, 315-325.	1.1	29
59	Centromeric enrichment of LINE-1 retrotransposons and its significance for the chromosome evolution of Phyllostomid bats. <i>Chromosome Research</i> , 2017, 25, 313-325.	2.2	29
60	Chromosomes and Repetitive DNAs: A Contribution to the Knowledge of the Fish Genome. , 2007, , 421-453.		29
61	Discrimination of Shark species by simple PCR of 5S rDNA repeats. <i>Genetics and Molecular Biology</i> , 2008, 31, 361-365.	1.3	28
62	Organization of 5S rDNA in species of the fish <i>Leporinus</i>: two different genomic locations are characterized by distinct nontranscribed spacers. <i>Genome</i> , 2001, 44, 903-910.	2.0	27
63	A Novel ZZ/ZW Sex Chromosome System for the Genus <i>Leporinus</i> (Pisces, Anostomidae.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	1.1	26
64	Genomic organization and evolution of the 5S ribosomal DNA in Tilapiini fishes. <i>Genetica</i> , 2006, 127, 243-252.	1.1	26
65	Sequence analyses and chromosomal distribution of the Tc1/Mariner element in Parodontidae fish (Teleostei: Characiformes). <i>Gene</i> , 2016, 593, 308-314.	2.2	26
66	Genome-wide microRNA screening in Nile tilapia reveals pervasive isomiRs™ transcription, sex-biased arm switching and increasing complexity of expression throughout development. <i>Scientific Reports</i> , 2018, 8, 8248.	3.3	25
67	Cryptic hammerhead shark lineage occurrence in the western South Atlantic revealed by DNA analysis. <i>Marine Biology</i> , 2012, 159, 829-836.	1.5	22
68	The discovery of <i>Foxl2</i> paralogs in chondrichthyan, coelacanth and tetrapod genomes reveals an ancient duplication in vertebrates. <i>Heredity</i> , 2013, 111, 57-65.	2.6	22
69	Variable vision in variable environments: the visual system of an invasive cichlid (<i>Cichla</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	1.7	22
70	B chromosomes of multiple species have intense evolutionary dynamics and accumulated genes related to important biological processes. <i>BMC Genomics</i> , 2020, 21, 656.	2.8	22
71	Karyotype similarity between two sympatric <i>Schizodon</i> fish species (Anostomidae, Characiformes) from the Paraguay River basin. <i>Genetics and Molecular Biology</i> , 1998, 21, 355-360.	1.3	22
72	Cytogenetic analysis of three species of the genus <i>Haemulon</i> (Teleostei: Haemulinae) from Margarita Island, Venezuela. <i>Genetica</i> , 2007, 131, 135-140.	1.1	21

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73	Comparative cytogenetics of cichlid fishes through genomic in-situ hybridization (GISH) with emphasis on <i>Oreochromis niloticus</i> . <i>Chromosome Research</i> , 2009, 17, 791-799.	2.2	21
74	Characterisation of the chromosome fusions in <i>Oreochromis karongae</i> . <i>Chromosome Research</i> , 2010, 18, 575-586.	2.2	21
75	Screening and characterization of sex-specific DNA fragments in the freshwater fish <i>Brycon amazonicus</i> (Teleostei: Characiformes: Characidae). <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1487-1496.	2.3	20
76	MicroRNA-10 modulates Hox genes expression during Nile tilapia embryonic development. <i>Mechanisms of Development</i> , 2016, 140, 12-18.	1.7	20
77	Evolution, Composition and Regulation of Supernumerary B Chromosomes. <i>Genes</i> , 2019, 10, 161.	2.4	20
78	A Streamlined DNA Tool for Global Identification of Heavily Exploited Coastal Shark Species (Genus) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.5	19
79	Restricted connectivity and population genetic fragility in a globally endangered Hammerhead Shark. <i>Reviews in Fish Biology and Fisheries</i> , 2020, 30, 501-517.	4.9	18
80	Cytogenetic studies in three species of <i>Lutjanus</i> (Perciformes: Lutjanidae: Lutjaninae) from the Isla Margarita, Venezuela. <i>Neotropical Ichthyology</i> , 2008, 6, 101-108.	1.0	18
81	IGS sequences in <i>Cestrum</i> present AT- and GC-rich conserved domains, with strong regulatory potential for 5S rDNA. <i>Molecular Biology Reports</i> , 2020, 47, 55-66.	2.3	16
82	5S rDNA organization in the fish <i>Synbranchus marmoratus</i> (Synbranchidae, Synbranchiformes). <i>Hereditas</i> , 2004, 139, 228-231.	1.4	15
83	New insights of karyoevolution in the Amazonian turtles <i>Podocnemis expansa</i> and <i>Podocnemis unifilis</i> (Testudines, Podocnemidae). <i>Molecular Cytogenetics</i> , 2016, 9, 73.	0.9	15
84	Comparative cytogenetic mapping of Sox2 and Sox14 in cichlid fishes and inferences on the genomic organization of both genes in vertebrates. <i>Chromosome Research</i> , 2011, 19, 657-667.	2.2	14
85	How dynamic could be the 45S rDNA cistron? An intriguing variability in a grasshopper species revealed by integration of chromosomal and genomic data. <i>Chromosoma</i> , 2019, 128, 165-175.	2.2	14
86	Comparative cytogenetics of ten species of cichlid fishes (Teleostei, Cichlidae) from the Araguaia River system, Brazil, by conventional cytogenetic methods. <i>Comparative Cytogenetics</i> , 2012, 6, 163-181.	0.8	13
87	Patterns of rDNA and telomeric sequences diversification: contribution to repetitive DNA organization in Phyllostomidae bats. <i>Genetica</i> , 2014, 142, 49-58.	1.1	13
88	Distribution of CR1-like transposable element in woodpeckers (Aves Piciformes): Z sex chromosomes can act as a refuge for transposable elements. <i>Chromosome Research</i> , 2018, 26, 333-343.	2.2	13
89	Uncovering the evolutionary history of neo-XY sex chromosomes in the grasshopper <i>Ronderosia bergii</i> (Orthoptera, Melanoplinae) through satellite DNA analysis. <i>BMC Evolutionary Biology</i> , 2018, 18, 2.	3.2	13
90	Nucleotide sequence, genomic organization and chromosome localization of 5S rDNA in two species of Curimatidae (Teleostei, Characiformes). <i>Genetics and Molecular Biology</i> , 2006, 29, 251-256.	1.3	12

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91	The hnRNP Q-like gene is reinserted into the B chromosomes of the cichlid fish <i>Astatotilapia latifasciata</i> . <i>Chromosome Research</i> , 2017, 25, 277-290.	2.2	12
92	De novo genome assembly of the cichlid fish <i>Astatotilapia latifasciata</i> reveals a higher level of genomic polymorphism and genes related to B chromosomes. <i>Chromosoma</i> , 2019, 128, 81-96.	2.2	12
93	Cytogenetic analyses of two Curimatidae species (Pisces; Characiformes) from the Paranapanema and Tiet� Rivers. <i>Brazilian Journal of Biology</i> , 2007, 67, 333-338.	0.9	11
94	Chromosomal organization and evolutionary history of Mariner transposable elements in Scarabaeinae coleopterans. <i>Molecular Cytogenetics</i> , 2013, 6, 54.	0.9	11
95	Heterochromatin, Sex Chromosomes and rRNA Gene Clusters in <i>Coprophanaeus</i> Beetles (Coleoptera, Scarabaeidae). <i>Cytogenetic and Genome Research</i> , 2012, 138, 46-55.	1.1	10
96	Development of chromosomal markers based on next-generation sequencing: the B chromosome of the cichlid fish <i>Astatotilapia latifasciata</i> as a model. <i>BMC Genetics</i> , 2016, 17, 119.	2.7	10
97	Isolation and Characterization of a Satellite DNA Family in <i>Achirus lineatus</i> (Teleostei: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502	1.1	9
98	Classical and molecular cytogenetic characterization of <i>Agonostomus monticola</i> , a primitive species of Mugilidae (Mugiliformes). <i>Genetica</i> , 2009, 135, 1-5.	1.1	9
99	B chromosome in the beetle <i>Coprophanaeus cyanescens</i> (Scarabaeidae): emphasis in the organization of repetitive DNA sequences. <i>BMC Genetics</i> , 2012, 13, 96.	2.7	9
100	Highest Diploid Number Among Gymnotiformes: First Cytogenetic Insights into <i>Rhabdolichops</i> (Sternopygidae). <i>Zebrafish</i> , 2017, 14, 272-279.	1.1	9
101	Occurrence of ZZ/ZW sex chromosomes in <i>Thoracocharax stellatus</i> fish (Characiformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502	1.1	8
102	Genetic identification of the sharks <i>Rhizoprionodon porosus</i> and <i>R. lalandii</i> by PCR-RFLP and nucleotide sequence analyses of 5S rDNA. <i>Conservation Genetics Resources</i> , 2009, 1, 35-38.	0.8	8
103	Molecular cytogenetics and its contribution to the understanding of the chromosomal diversification in <i>Hoplias malabaricus</i> (Characiformes). <i>Journal of Fish Biology</i> , 2011, 78, 1239-1248.	1.6	8
104	Differential expression of a retrotransposable element, <i>Rex6</i> , in <i>Colossoma macropomum</i> fish from different Amazonian environments. <i>Mobile Genetic Elements</i> , 2014, 4, e30003.	1.8	8
105	Dimerization and Transactivation Domains as Candidates for Functional Modulation and Diversity of Sox9. <i>PLoS ONE</i> , 2016, 11, e0156199.	2.5	8
106	The satellite DNA AflaSAT-1 in the A and B chromosomes of the grasshopper <i>Abracris flavolineata</i> . <i>BMC Genetics</i> , 2017, 18, 81.	2.7	8
107	Molecular cytogenetics characterization of <i>Rhinoclemmys punctularia</i> (Testudines, Geoemydidae) and description of a Gypsy-H3 association in its genome. <i>Gene</i> , 2020, 738, 144477.	2.2	8
108	A genomic glimpse of B chromosomes in cichlids. <i>Genes and Genomics</i> , 2021, 43, 199-208.	1.4	7

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109	Fish genomics and its impact on fundamental and applied research of vertebrate biology. <i>Reviews in Fish Biology and Fisheries</i> , 2022, 32, 357-385.	4.9	7
110	Karyotypes of Manatees: New Insights into Hybrid Formation ( <i>Trichechus inunguis</i> – <i>Trichechus m.</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	2.4	7
111	Discrimination of tilapia species of the genera <i>Oreochromis</i> , <i>Tilapia</i> and <i>Sarotherodon</i> by PCR-RFLP of 5S rDNA. <i>Aquaculture Research</i> , 2009, 41, 934-938.	1.8	6
112	Meiotic analyses show adaptations to maintenance of fertility in X1Y1X2Y2X3Y3X4Y4X5Y5 system of amazon frog <i>Leptodactylus pentadactylus</i> (Laurenti, 1768). <i>Scientific Reports</i> , 2020, 10, 16327.	3.3	6
113	5S rDNA characterization in twelve Sciaenidae fish species (Teleostei, Perciformes): depicting gene diversity and molecular markers. <i>Genetics and Molecular Biology</i> , 2008, 31, 303-307.	1.3	6
114	Chromosomal distribution of microsatellite repeats in Amazon cichlids genome (Pisces, Cichlidae). <i>Comparative Cytogenetics</i> , 2015, 9, 595-605.	0.8	6
115	Preliminary qualitative analysis on mtDNA in <i>Astyanax fasciatus</i> populations Cuvier, 1819 (Teleostei;) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	0.5	5
116	Epigenetic DNA Modifications Are Correlated With B Chromosomes and Sex in the Cichlid <i>Astatotilapia latifasciata</i> . <i>Frontiers in Genetics</i> , 2019, 10, 324.	2.3	5
117	Identification and description of distinct B chromosomes in <i>Cyphocharax modestus</i> (Characiformes.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	1.3	5
118	Major and minor U small nuclear RNAs genes characterization in a neotropical fish genome: Chromosomal remodeling and repeat units dispersion in Parodontidae. <i>Gene</i> , 2022, 826, 146459.	2.2	5
119	Chromosomal diversification of diploid number, heterochromatin and rDNAs in two species of <i>Phanaeus</i> beetles (Scarabaeidae, Scarabaeinae). <i>Genetics and Molecular Biology</i> , 2013, 36, 341-346.	1.3	4
120	Differential expression of miRNAs in the presence of B chromosome in the cichlid fish <i>Astatotilapia latifasciata</i> . <i>BMC Genomics</i> , 2021, 22, 344.	2.8	4
121	Meiotic behavior, transmission and active genes of B chromosomes in the cichlid <i>Astatotilapia latifasciata</i> : new clues about nature, evolution and maintenance of accessory elements. <i>Molecular Genetics and Genomics</i> , 0, , .	2.1	4
122	miRTil: An Extensive Repository for Nile Tilapia microRNA Next Generation Sequencing Data. <i>Cells</i> , 2020, 9, 1752.	4.1	3
123	Integrated cytogenetics and genomics analysis of transposable elements in the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Molecular Genetics and Genomics</i> , 2016, 291, 1219-1225.	2.1	2
124	Partial molecular characterization of the Nile tilapia ( <i>Oreochromis niloticus</i> ) alpha-cardiac muscle actin gene and its relationship to actin isoforms of other fish species. <i>Genetics and Molecular Biology</i> , 2007, 30, 1089-1092.	1.3	1
125	Brain distribution of myosin Va in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Acta Zoologica</i> , 2007, 89, 29-36.	0.8	0
126	Identities among actin-encoding cDNAs of the Nile tilapia ( <i>Oreochromis niloticus</i> ) and other eukaryote species revealed by nucleotide and amino acid sequence analyses. <i>Genetics and Molecular Biology</i> , 2008, 31, 325-356.	1.3	0



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127	21st International Chromosome Conference – Foz do Iguaçu, Brazil. Chromosoma, 2016, 125, 353-353.	2.2	0