Marcelo B Cioffi

List of Publications by Year
in descending order

168	3,143	172207	264894
papers	citations	29 h-index	42 g-index

173	173	173	1374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Chromosomal Distribution and Evolution of Repetitive DNAs in Fish. Genome Dynamics, 2012, 7, 197-221.	2.4	99
3	Chromosomal Variability among Allopatric Populations of Erythrinidae Fish <i>Hoplias malabaricus</i>: Mapping of Three Classes of Repetitive DNAs. Cytogenetic and Genome Research, 2009, 125, 132-141.	0.6	94
4	Satellite DNA and chromosomes in Neotropical fishes: methods, applications and perspectives. Journal of Fish Biology, 2010, 76, 1094-1116.	0.7	79
5	Chromosomics: Bridging the Gap between Genomes and Chromosomes. Genes, 2019, 10, 627.	1.0	79
6	Initial steps in XY chromosome differentiation in Hoplias malabaricus and the origin of an X1X2Y sex chromosome system in this fish group. Heredity, 2010, 105, 554-561.	1.2	77
7	The Chromosomal Distribution of Microsatellite Repeats in the Genome of the Wolf Fish <i>Hoplias malabaricus</i>, Focusing on the Sex Chromosomes. Cytogenetic and Genome Research, 2011, 132, 289-296.	0.6	68
8	Comparative chromosome mapping of repetitive sequences. Implications for genomic evolution in the fish, Hoplias malabaricus. BMC Genetics, 2009, 10, 34.	2.7	52
9	Comparative Chromosomal Mapping of Microsatellites in <i>Leporinus</i> Species (Characiformes, Anostomidae): Unequal Accumulation on the W Chromosomes. Cytogenetic and Genome Research, 2014, 142, 40-45.	0.6	50
10	Multiple sex chromosomes in teleost fishes from a cytogenetic perspective: state of the art and future challenges. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200098.	1.8	45
11	Extensive chromosomal homologies and evidence of karyotypic stasis in Atlantic grunts of the genus Haemulon (Perciformes). Journal of Experimental Marine Biology and Ecology, 2011, 401, 75-79.	0.7	44
12	Highly conserved Z and molecularly diverged W chromosomes in the fish genus Triportheus (Characiformes, Triportheidae). Heredity, 2017, 118, 276-283.	1.2	44
13	Differentiation of the XY Sex Chromosomes in the Fish Hoplias malabaricus (Characiformes,) Tj ETQq1 1 0.784314 rgBT /Overlock Development, 2010, 4, 176-185.	1.1	42
14	Sex Chromosome Evolution and Genomic Divergence in the Fish Hoplias malabaricus (Characiformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	42
15	Chromosomal Mapping of Repetitive DNAs in Triportheus trifurcatus (Characidae, Characiformes): Insights into the Differentiation of the Z and W Chromosomes. PLoS ONE, 2014, 9, e90946.	1.1	42
16	The key role of repeated DNAs in sex chromosome evolution in two fish species with ZW sex chromosome system. Molecular Cytogenetics, 2012, 5, 28.	0.4	39
17	Repetitive DNAs and Differentiation of Sex Chromosomes in Neotropical Fishes. Cytogenetic and Genome Research, 2011, 132, 188-194.	0.6	38
18	Evolutionary Dynamics of rDNAs and U2 Small Nuclear DNAs in Triportheus (Characiformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	38

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19	Evolutionary Relationships and Cytotaxonomy Considerations in the GenusPyrrhulina(Characiformes, Lebiasinidae). Zebrafish, 2017, 14, 536-546.	0.5	37
20	Genomic Organization of Repetitive DNA in Woodpeckers (Aves, Piciformes): Implications for Karyotype and ZW Sex Chromosome Differentiation. PLoS ONE, 2017, 12, e0169987.	1.1	35
21	Tracking the evolutionary pathway of sex chromosomes among fishes: characterizing the unique XX/XY1Y2 system in Hoplias malabaricus (Teleostei, Characiformes). Chromosoma, 2018, 127, 115-128.	1.0	35
22	The contrasting role of heterochromatin in the differentiation of sex chromosomes: an overview from Neotropical fishes. Journal of Fish Biology, 2012, 80, 2125-2139.	0.7	34
23	Independent Sex Chromosome Evolution in Lower Vertebrates: A Molecular Cytogenetic Overview in the Erythrinidae Fish Family. Cytogenetic and Genome Research, 2013, 141, 186-194.	0.6	34
24	Genomic Organization of Repetitive DNA Elements and Its Implications for the Chromosomal Evolution of Channid Fishes (Actinopterygii, Perciformes). PLoS ONE, 2015, 10, e0130199.	1.1	34
25	Chromosomal Mapping of Repetitive DNAs in <i>Myiopsitta monachus</i> and <i>Amazona aestiva</i> (Psittaciformes, Psittacidae) with Emphasis on the Sex Chromosomes. Cytogenetic and Genome Research, 2017, 151, 151-160.	0.6	34
26	Microdissection and whole chromosome painting. Improving sex chromosome analysis in Triportheus (Teleostei, Characiformes). Cytogenetic and Genome Research, 2008, 122, 163-168.	0.6	31
27	Molecular and karyotypic phylogeography in the NeotropicalHoplias malabaricus(Erythrinidae) fish in eastern Brazil. Journal of Fish Biology, 2009, 75, 2326-2343.	0.7	31
28	Heteromorphic variants of chromosome 9. Molecular Cytogenetics, 2013, 6, 14.	0.4	31
29	W Chromosome Dynamics inTriportheusSpecies (Characiformes, Triportheidae): An Ongoing Process Narrated by Repetitive Sequences. Journal of Heredity, 2016, 107, 342-348.	1.0	30
30	Molecular cytogenetic analysis of Haemulidae fish (Perciformes): Evidence of evolutionary conservation. Journal of Experimental Marine Biology and Ecology, 2011, 407, 97-100.	0.7	29
31	Chromosomal and morphological divergences in Atlantic populations of the frillfin goby Bathygobius soporator (Gobiidae, Perciformes). Journal of Experimental Marine Biology and Ecology, 2012, 434-435, 63-70.	0.7	29
32	Repetitive DNAs highlight the role of chromosomal fusions in the karyotype evolution of Dascyllus species (Pomacentridae, Perciformes). Genetica, 2016, 144, 203-211.	0.5	29
33	Chromosomal Evolution in Lower Vertebrates: Sex Chromosomes in Neotropical Fishes. Genes, 2017, 8, 258.	1.0	29
34	Chromosomal Analysis in Crotophaga ani (Aves, Cuculiformes) Reveals Extensive Genomic Reorganization and an Unusual Z-Autosome Robertsonian Translocation. Cells, 2021, 10, 4.	1.8	29
35	Comparative Cytogenetics and Neo-Y Formation in Small-Sized Fish Species of the Genus Pyrrhulina (Characiformes, Lebiasinidae). Frontiers in Genetics, 2019, 10, 678.	1.1	27
36	Karyotype diversity and evolutionary trends in the Asian swamp eel Monopterus albus (Synbranchiformes, Synbranchidae): a case of chromosomal speciation?. BMC Evolutionary Biology, 2019, 19, 73.	3.2	27

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37	Karyotype and cytogenetic mapping of 9 classes of repetitive DNAs in the genome of the naked catfish Mystus bocourti (Siluriformes, Bagridae). Molecular Cytogenetics, 2013, 6, 51.	0.4	26
38	Fish-FISH: Molecular Cytogenetics in Fish Species. Springer Protocols, 2017, , 429-443.	0.1	26
39	Highly Rearranged Karyotypes and Multiple Sex Chromosome Systems in Armored Catfishes from the Genus Harttia (Teleostei, Siluriformes). Genes, 2020, 11, 1366.	1.0	26
40	Genomic organization of repetitive DNAs and its implications for male karyotype and the neo-Y chromosome differentiation in Erythrinus erythrinus (Characiformes, Erythrinidae). Comparative Cytogenetics, 2014, 8, 139-151.	0.3	26
41	Whole chromosome painting reveals independent origin of sex chromosomes in closely related forms of a fish species. Genetica, 2011, 139, 1065-1072.	0.5	25
42	Conventional Cytogenetic Approachesâ€"Useful and Indispensable Tools in Discovering Fish Biodiversity. Current Genetic Medicine Reports, 2018, 6, 176-186.	1.9	25
43	Cross-species chromosome painting tracks the independent origin of multiple sex chromosomes in two cofamiliar Erythrinidae fishes. BMC Evolutionary Biology, 2011, 11, 186.	3.2	23
44	Transposable Elements in Fish Chromosomes: A Study in the Marine Cobia Species. Cytogenetic and Genome Research, 2013, 141, 126-132.	0.6	23
45	Comparative cytogenetics in the genus Hoplias (Characiformes, Erythrinidae) highlights contrasting karyotype evolution among congeneric species. Molecular Cytogenetics, 2015, 8, 56.	0.4	23
46	Genomic organization of repetitive DNAs highlights chromosomal evolution in the genus Clarias (Clariidae, Siluriformes). Molecular Cytogenetics, 2016, 9, 4.	0.4	23
47	Chromosomal Evolution and Evolutionary Relationships of Lebiasina Species (Characiformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	23
48	Chromosomal Distribution of Repetitive DNA Sequences Highlights the Independent Differentiation of Multiple Sex Chromosomes in Two Closely Related Fish Species. Cytogenetic and Genome Research, 2011, 134, 295-302.	0.6	22
49	Characterisation of the chromosome fusions in Oreochromis karongae. Chromosome Research, 2010, 18, 575-586.	1.0	21
50	The Evolutionary Dynamics of Ribosomal Genes, Histone H3, and Transposable Rex Elements in the Genome of Atlantic Snappers. Journal of Heredity, 2016, 107, 173-180.	1.0	21
51	Cytogenetics, genomics and biodiversity of the South American and African Arapaimidae fish family (Teleostei, Osteoglossiformes). PLoS ONE, 2019, 14, e0214225.	1.1	21
52	Chromosomal mapping of microsatellite repeats in the rock bream fish Oplegnathus fasciatus, with emphasis of their distribution in the neo-Y chromosome. Molecular Cytogenetics, 2013, 6, 12.	0.4	20
53	Evolution of Bird Sex Chromosomes Narrated by Repetitive Sequences: Unusual W Chromosome Enlargement in <i>Gallinula melanops</i> (Aves: Gruiformes: Rallidae). Cytogenetic and Genome Research, 2019, 158, 152-159.	0.6	20
54	Overview on Karyotype Stasis in Atlantic Grunts (Eupercaria, Haemulidae) and the Evolutionary Extensions for Other Marine Fish Groups. Frontiers in Marine Science, 2019, 6, .	1.2	20

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55	Early Stages of XY Sex Chromosomes Differentiation in the Fish Hoplias malabaricus (Characiformes,) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	20
56	Chromosomal differentiation and speciation in sister-species of Grammatidae (Perciformes) from the Western Atlantic. Helgoland Marine Research, 2012, 66, 363-370.	1.3	19
57	Unusual Dispersion of Histone Repeats on the Whole Chromosomal Complement and Their Colocalization with Ribosomal Genes in Rachycentron canadum (Rachycentridae,) Tj ETQq1 1 0.784314 rgBT /Overloc	1.6	19
58	Chromosomal evolution in naked catfishes (Bagridae, Siluriformes): A comparative chromosome mapping study. Zoologischer Anzeiger, 2014, 253, 316-320.	0.4	19
59	The Bunocephalus coracoideus Species Complex (Siluriformes, Aspredinidae). Signs of a Speciation Process through Chromosomal, Genetic and Ecological Diversity. Frontiers in Genetics, 2017, 8, 120.	1.1	19
60	First Chromosomal Analysis in Hepsetidae (Actinopterygii, Characiformes): Insights into Relationship between African and Neotropical Fish Groups. Frontiers in Genetics, 2017, 8, 203.	1.1	19
61	Cytogenetic mechanisms of unisexuality in rock lizards. Scientific Reports, 2020, 10, 8697.	1.6	19
62	Chromosome Mapping of Repetitive Sequences inRachycentron canadum(Perciformes:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Journal of Biomedicine and Biotechnology, 2011, 2011, 1-8.	3.0	18
63	Repetitive DNAs and shrink genomes: A chromosomal analysis in nine Columbidae species (Aves,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	18
64	Multiple Sex Chromosomes and Evolutionary Relationships in Amazonian Catfishes: The Outstanding Model of the Genus Harttia (Siluriformes: Loricariidae). Genes, 2020, 11, 1179.	1.0	18
65	Differentiation and evolutionary relationships in Erythrinus erythrinus (Characiformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 64 Fisheries, 2013, 23, 261-269.	2.4	17
66	Comparative chromosomal mapping in Triportheus fish species. Analysis of synteny between ribosomal genes. Micron, 2013, 45, 129-135.	1.1	17
67	Extensive chromosome conservatism in Atlantic butterflyfishes, genus Chaetodon Linnaeus, 1758: Implications for the high hybridization success. Zoologischer Anzeiger, 2013, 253, 137-142.	0.4	17
68	From Chromosomes to Genome: Insights into the Evolutionary Relationships and Biogeography of Old World Knifefishes (Notopteridae; Osteoglossiformes). Genes, 2018, 9, 306.	1.0	17
69	Deciphering the Origin and Evolution of the X1X2Y System in Two Closely-Related Oplegnathus Species (Oplegnathidae and Centrarchiformes). International Journal of Molecular Sciences, 2019, 20, 3571.	1.8	17
70	Deciphering the Evolutionary History of Arowana Fishes (Teleostei, Osteoglossiformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (O Sciences, 2019, 20, 4296.	1.8	17
71	Emerging patterns of genome organization in Notopteridae species (Teleostei, Osteoglossiformes) as revealed by Zoo-FISH and Comparative Genomic Hybridization (CGH). Scientific Reports, 2019, 9, 1112.	1.6	17
72	Karyotype Divergence and Spreading of 5S rDNA Sequences between Genomes of Two Species: Darter and Emerald Gobies (<i>Ctenogobius</i>, Gobiidae). Cytogenetic and Genome Research, 2014, 142, 197-203.	0.6	16

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73	Evolutionary Insights of the ZW Sex Chromosomes in Snakes: A New Chapter Added by the Amazonian Puffing Snakes of the Genus Spilotes. Genes, 2019, 10, 288.	1.0	16
74	Centric Fusions behind the Karyotype Evolution of Neotropical Nannostomus Pencilfishes (Characiforme, Lebiasinidae): First Insights from a Molecular Cytogenetic Perspective. Genes, 2020, 11, 91.	1.0	16
75	Satellitome analysis illuminates the evolution of ZW sex chromosomes of Triportheidae fishes (Teleostei: Characiformes). Chromosoma, 2022, 131, 29-45.	1.0	16
76	Karyotype and Mapping of Repetitive DNAs in the African Butterfly Fish <i>Pantodon buchholzi, </i>the Sole Species of the Family Pantodontidae. Cytogenetic and Genome Research, 2016, 149, 312-320.	0.6	15
77	Evolutionary dynamics of rDNA genes on chromosomes of the Eucinostomus fishes: cytotaxonomic and karyoevolutive implications. Genetics and Molecular Research, 2014, 13, 9951-9959.	0.3	15
78	Comparative cytogenetic mapping of rRNA genes among naked catfishes: implications for genomic evolution in the Bagridae family. Genetics and Molecular Research, 2014, 13, 9533-9542.	0.3	14
79	Chromosomes in a genome-wise order: evidence for metaphase architecture. Molecular Cytogenetics, 2016, 9, 36.	0.4	14
80	Landscape of snakeâ€™ sex chromosomes evolution spanning 85 MYR reveals ancestry of sequences despite distinct evolutionary trajectories. Scientific Reports, 2020, 10, 12499.	1.6	14
81	Evolutionary Dynamics of Multigene Families in Triportheus (Characiformes, Triportheidae): A Transposon Mediated Mechanism?. Frontiers in Marine Science, 2020, 7, .	1.2	14
82	Chromosomes as Tools for Discovering Biodiversity â€“ The Case of Erythrinidae Fish Family. , 2012, , .		13
83	Atlantic moonfishes: independent pathways of karyotypic and morphological differentiation. Helgoland Marine Research, 2013, 67, 499-506.	1.3	13
84	First detailed reconstruction of the karyotype of Trachypithecus cristatus (Mammalia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (Ce	0.4	13
85	Hypermethylated Chromosome Regions in Nine Fish Species with Heteromorphic Sex Chromosomes. Cytogenetic and Genome Research, 2015, 147, 169-178.	0.6	13
86	Evolutionary Divergence AmongOligosarcusspp. (Ostariophysi, Characidae) from the SÃ£o Francisco and Doce River Basins:Oligosarcus solitariusMenezes, 1987 Shows the Highest Rates of Chromosomal Evolution in the Neotropical Region. Zebrafish, 2015, 12, 102-110.	0.5	13
87	Evolutionary Relationships among <i>Boulengerella</i> Species (Ctenoluciidae, Characiformes): Genomic Organization of Repetitive DNAs and Highly Conserved Karyotypes. Cytogenetic and Genome Research, 2017, 152, 194-203.	0.6	13
88	Comparative cytogenetics in three Sciaenid species (Teleostei, Perciformes): evidence of interspecific chromosomal diversification. Molecular Cytogenetics, 2017, 10, 37.	0.4	13
89	Karyoevolutionary aspects of Atlantic hogfishes (Labridaeâ€“Bodianinae), with evidence of an atypical decondensed argentophilic heterochromatin. Marine Genomics, 2012, 6, 25-31.	0.4	12
90	An Insight into the Chromosomal Evolution of Lebiasinidae (Teleostei, Characiformes). Genes, 2020, 11, 365.	1.0	12

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91	Karyotype Evolution and Genomic Organization of Repetitive DNAs in the Saffron Finch, Sicalis flaveola (Passeriformes, Aves). Animals, 2021, 11, 1456.	1.0	12
92	Chromosomal distribution of two multigene families and the unusual occurrence of an X1X1X2X2/X1X2Y sex chromosome system in the dolphinfish (Coryphaenidae): An evolutionary perspective. Genetics and Molecular Research, 2014, 13, 2470-2479.	0.3	11
93	Genomic Organization of Repetitive DNAs and Differentiation of an XX/XY Sex Chromosome System in the Amazonian Puffer Fish, <i>Colomesus asellus </i>(Tetraodontiformes). Cytogenetic and Genome Research, 2017, 153, 96-104.	0.6	11
94	Cytogenetics of the small-sized fish, Copeina guttata (Characiformes, Lebiasinidae): Novel insights into the karyotype differentiation of the family. PLoS ONE, 2019, 14, e0226746.	1.1	11
95	Adding New Pieces to the Puzzle of Karyotype Evolution in Harttia (Siluriformes, Loricariidae): Investigation of Amazonian Species. Biology, 2021, 10, 922.	1.3	11
96	Against the mainstream: exceptional evolutionary stability of ZW sex chromosomes across the fish families Triportheidae and Gasteropelecidae (Teleostei: Characiformes). Chromosome Research, 2021, 29, 391-416.	1.0	11
97	Mitotic Stability of Small Supernumerary Marker Chromosomes: A Study Based on 93 Immortalized Cell Lines. Cytogenetic and Genome Research, 2014, 142, 151-160.	0.6	10
98	Structurally Complex Organization of Repetitive DNAs in the Genome of Cobia (<i>Rachycentron) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	10
99	Interspecific Genetic Differences and Historical Demography in South American Arowanas (Osteoglossiformes, Osteoglossidae, Osteoglossum). Genes, 2019, 10, 693.	1.0	10
100	Karyotype Evolution and Distinct Evolutionary History of the W Chromosomes in Swallows (Aves,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	10
101	Paracentric Inversions Differentiate the Conservative Karyotypes in Two <i>Centropomus</i> Species (Teleostei: Centropomidae). Cytogenetic and Genome Research, 2019, 157, 239-248.	0.6	10
102	The Amazonian Red Side-Necked Turtle Rhinemys rufipes (Spix, 1824) (Testudines, Chelidae) Has a GSD Sex-Determining Mechanism with an Ancient XY Sex Microchromosome System. Cells, 2020, 9, 2088.	1.8	10
103	Historical demography and climate driven distributional changes in a widespread Neotropical freshwater species with high economic importance. Ecography, 2020, 43, 1291-1304.	2.1	10
104	Co-located 18S/5S rDNA arrays: an ancient and unusual chromosomal trait in Julidini species (Labridae,) Tj ETQq0 0 0 rgBT /Overlock 10	0.3	10
105	Chromosomal Rearrangements and Origin of the Multiple XX/XY1Y2 Sex Chromosome System in Harttia Species (Siluriformes: Loricariidae). Frontiers in Genetics, 2022, 13, 877522.	1.1	10
106	Morphological and karyotypic differentiation in Caranx lugubris (Perciformes: Carangidae) in the St. Peter and St. Paul Archipelago, mid-Atlantic Ridge. Helgoland Marine Research, 2014, 68, 17-25.	1.3	9
107	A unique case of a discontinuous duplication 3q26.1-3q28 resulting from a segregation error of a maternal complex chromosomal rearrangement involving an insertion and an inversion. Gene, 2014, 535, 165-169.	1.0	9
108	Chromosome mapping of repetitive DNAs in sergeant major fishes (Abudefdufinae, Pomacentridae): a general view on the chromosomal conservatism of the genus. Genetica, 2016, 144, 567-576.	0.5	9

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109	First chromosomal analysis in Gymnarchus niloticus (Gymnarchidae: Osteoglossiformes): insights into the karyotype evolution of this ancient fish order. Biological Journal of the Linnean Society, 2018, 125, 83-92.	0.7	9
110	Microdissection and whole chromosome painting confirm karyotype transformation in cryptic species of the Lariophagus distinguendus (FÃ¶rster, 1841) complex (Hymenoptera: Pteromalidae). PLoS ONE, 2019, 14, e0225257.	1.1	9
111	Evolution of the parthenogenetic rock lizard hybrid karyotype: Robertsonian translocation between two maternal chromosomes in Darevskia rostombekowi. Chromosoma, 2020, 129, 275-283.	1.0	9
112	Extensive chromosomal fissions and repetitive DNA accumulation shaped the atypical karyotypes of two Ramphastidae (Aves: Piciformes) species. Biological Journal of the Linnean Society, 2020, 130, 839-849.	0.7	9
113	Taxonomic Diversity Not Associated with Gross Karyotype Differentiation: The Case of Bighead Carps, Genus Hypophthalmichthys (Teleostei, Cypriniformes, Xenocyprididae). Genes, 2020, 11, 479.	1.0	9
114	Molecular Cytogenetic Analysis in Freshwater Prawns of the Genus Macrobrachium (Crustacea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.8	9
115	Evolution of a Multiple Sex-Chromosome System by Three-Sequential Translocations among Potential Sex-Chromosomes in the Taiwanese Frog Odorrana swinhoana. Cells, 2021, 10, 661.	1.8	9
116	Revisiting the Karyotypes of Alligators and Caimans (Crocodylia, Alligatoridae) after a Half-Century Delay: Bridging the Gap in the Chromosomal Evolution of Reptiles. Cells, 2021, 10, 1397.	1.8	9
117	Evolutionary breakpoint regions and chromosomal remodeling in Harttia (Siluriformes: Loricariidae) species diversification. Genetics and Molecular Biology, 2022, 45, .	0.6	9
118	Contrasting Evolutionary Paths Among Indo-PacificPomacentrusSpecies Promoted by Extensive Pericentric Inversions and Genome Organization of Repetitive Sequences. Zebrafish, 2018, 15, 45-54.	0.5	8
119	Meiotic synapsis of homeologous chromosomes and mismatch repair protein detection in the parthenogenetic rock lizard Darevskia unisexualis. Molecular Reproduction and Development, 2021, 88, 119-127.	1.0	8
120	Looking for genetic effects of polluted anthropized environments on Caiman crocodilus crocodilus (Reptilia, Crocodylia): A comparative genotoxic and chromosomal analysis. Ecotoxicology and Environmental Safety, 2021, 209, 111835.	2.9	8
121	Chromosomes of Asian cyprinid fishes: Variable karyotype patterns and evolutionary trends in the genus Osteochilus (Cyprinidae, Labeoninae, â€œOsteochiliniâ€). Genetics and Molecular Biology, 2020, 43, e20200195.	0.6	8
122	Chromosomes of Asian cyprinid fishes: cytogenetic analysis of two representatives of small paleotetraploid tribe Probarbini. Molecular Cytogenetics, 2018, 11, 51.	0.4	7
123	Genomic Organization of Repetitive DNA Elements and Extensive Karyotype Diversity of Silurid Catfishes (Teleostei: Siluriformes): A Comparative Cytogenetic Approach. International Journal of Molecular Sciences, 2019, 20, 3545.	1.8	7
124	Chromosomal Mapping of Repetitive DNAs in Gobionellus oceanicus and G. stomatus (Gobiidae; Perciformes): A Shared XX/XY System and an Unusual Distribution of 5S rDNA Sites on the Y Chromosome. Cytogenetic and Genome Research, 2015, 144, 333-340.	0.6	6
125	Contributions to the cytogenetics of the Neotropical fish fauna. Comparative Cytogenetics, 2017, 11, 665-690.	0.3	6
126	Extensive Chromosomal Reorganization in Apistogramma Fishes (Cichlidae, Cichlinae) Fits the Complex Evolutionary Diversification of the Genus. International Journal of Molecular Sciences, 2019, 20, 4077.	1.8	6

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127	Repeat Sequence Mapping Shows Different W Chromosome Evolutionary Pathways in Two Caprimulgiformes Families. Birds, 2020, 1, 19-34.	0.6	6
128	Cytogenetic Analysis of <i>Panaqolus tankei</i> Cramer & Sousa, 2016 (Siluriformes, Loricariidae), an Ornamental Fish Endemic to Xingu River, Brazil. Cytogenetic and Genome Research, 2021, 161, 187-194.	0.6	6
129	Tracking the Evolutionary Trends Among Small-Size Fishes of the Genus Pyrrhulina (Characiforme,) Tj ETQq1 1 0.784314 rgBT /Overlo 769984.	1.1	6
130	Physical mapping of 18S and 5S genes in pelagic species of the genera Caranx and Carangoides (Carangidae). Genetics and Molecular Research, 2014, 13, 9628-9635.	0.3	5
131	Comprehensive characterization of evolutionary conserved breakpoints in four New World Monkey karyotypes compared to Chlorocebus aethiops and Homo sapiens. Heliyon, 2015, 1, e00042.	1.4	5
132	Atlantic surgeonfishes bear only minor microstructural changes in highly derived karyotypes. Zoologischer Anzeiger, 2015, 254, 62-66.	0.4	5
133	First report on classical and molecular cytogenetics of archerfish, Toxotes chatareus (Perciformes:) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	5
134	Interregional cytogenetic comparisons in Halichoeres and Thalassoma wrasses (Labridae) of coastal and insular regions of the southwestern Atlantic. Genetics and Molecular Research, 2017, 16, .	0.3	5
135	Chromosomal evolution in large pelagic oceanic apex predators, the barracudas (Sphyraenidae,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	5
136	Chromosome Microdissection on Semiâ€Archived Material. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 1285-1288.	1.1	5
137	Phylogeography and Historical Demography of Two Sympatric Atlantic Snappers: Lutjanus analis and L. jocu. Frontiers in Marine Science, 2019, 6, .	1.2	5
138	Chromosomal Analysis of <i>Ctenolucius hujeta</i> Valenciennes, 1850 (Characiformes): A New Piece in the Chromosomal Evolution of the Ctenoluciidae. Cytogenetic and Genome Research, 2021, 161, 195-202.	0.6	5
139	The Unique Karyotype of Henochilus wheatlandii, a Critically Endangered Fish Living in a Fast-Developing Region in Minas Gerais State, Brazil. PLoS ONE, 2012, 7, e42278.	1.1	4
140	Evolutionary Tracks of Chromosomal Diversification in Surgeonfishes (Acanthuridae: Acanthurus) Along the Worldâ€™s Biogeographic Domains. Frontiers in Genetics, 2021, 12, 760244.	1.1	4
141	A new view on the scenario of karyotypic stasis in Epinephelidae fish: Cytogenetic, historical, and biogeographic approaches. Genetics and Molecular Biology, 2021, 44, e20210122.	0.6	4
142	Allopatric chromosomal variation in Nematocharax venustus Weitzman, Menezes & Britski, 1986 (Actinopterygii: Characiformes) based on mapping of repetitive sequences. Neotropical Ichthyology, 2016, 14, .	0.5	3
143	Chromosomal Evolution in Aspredinidae (Teleostei, Siluriformes): Insights on Intra- and Interspecific Relationships with Related Groups. Cytogenetic and Genome Research, 2020, 160, 539-553.	0.6	3
144	Chromosomal Diversity of Hoplias malabaricus (Characiformes, Erythrinidae) Along the Magdalena River (Colombiaâ€”Northern South America) and Its Significance for the Neotropical Region. Zebrafish, 2020, 17, 211-219.	0.5	3

#	Article	IF	Citations
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