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List of Publications by Year in descending order

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72 papers	1,307 citations	361296 20 h-index	434063 31 g-index
74 all docs	74 docs citations	74 times ranked	1023 citing authors

#	Article	IF	Citations
1	Delimiting the Origin of a B Chromosome by FISH Mapping, Chromosome Painting and DNA Sequence Analysis in Astyanax paranae (Teleostei, Characiformes). PLoS ONE, 2014, 9, e94896.	1.1	85
2	Interspecific fish hybrids in Brazil: management of genetic resources for sustainable use. Reviews in Aquaculture, 2012, 4, 108-118.	4.6	61
3	Identification of Bacterial Fish Pathogens in Brazil by Direct Colony PCR and 16S rRNA Gene Sequencing. Advances in Microbiology, 2015, 05, 409-424.	0.3	61
4	Chromosome Mapping of H1 Histone and 5S rRNA Gene Clusters in Three Species of <i>Astyanax </i>(Teleostei, Characiformes). Cytogenetic and Genome Research, 2011, 134, 64-71.	0.6	52
5	Chromosomal organization of repetitive DNA sequences in Astyanax bockmanni (Teleostei,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 329-336.	0.5	51
6	Uncovering the Ancestry of B Chromosomes in Moenkhausia sanctaefilomenae (Teleostei, Characidae). PLoS ONE, 2016, 11, e0150573.	1.1	48
7	Molecular diagnostic methods for identifying Serrasalmid fish (Pacu, Pirapitinga, and Tambaqui) and their hybrids in the Brazilian aquaculture industry. Aquaculture, 2011, 321, 49-53.	1.7	42
8	High-throughput analysis unveils a highly shared satellite DNA library among three species of fish genus Astyanax. Scientific Reports, 2017, 7, 12726.	1.6	40
9	Satellitome landscape analysis of Megaleporinus macrocephalus (Teleostei, Anostomidae) reveals intense accumulation of satellite sequences on the heteromorphic sex chromosome. Scientific Reports, 2019, 9, 5856.	1.6	40
10	Genetic Identification of F1 and Post-F1 Serrasalmid Juvenile Hybrids in Brazilian Aquaculture. PLoS ONE, 2014, 9, e89902.	1.1	34
11	The farming and husbandry ofColossoma macropomum: From Amazonian waters to sustainable production. Reviews in Aquaculture, 2022, 14, 993-1027.	4.6	33
12	Identification of the shark species Rhizoprionodon lalandii and R. porosus (Elasmobranchii, Carcharhinidae) by multiplex PCR and PCRâ€RFLP techniques. Molecular Ecology Resources, 2009, 9, 771-773.	2.2	32
13	Detection of post-F1 fish hybrids in broodstock using molecular markers: approaches for genetic management in aquaculture. Aquaculture Research, 2013, 44, 876-884.	0.9	30
14	Cytogenetic markers as diagnoses in the identification of the hybrid between PiauÃ§u (Leporinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	29
15	Identification of hybrids between Neotropical fish Leporinus macrocephalus and Leporinus elongatus by PCR-RFLP and multiplex-PCR: Tools for genetic monitoring in aquaculture. Aquaculture, 2010, 298, 346-349.	1.7	28
16	Detection of hybrids and genetic introgression in wild stocks of two catfish species (Siluriformes:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	28
17	Origin of B chromosomes in the genus Astyanax (Characiformes, Characidae) and the limits of chromosome painting. Molecular Genetics and Genomics, 2016, 291, 1407-1418.	1.0	28
18	Molecular identification of hybrids between Neotropical catfish species Pseudoplatystoma corruscans and Pseudoplatystoma reticulatum. Aquaculture Research, 2011, 42, 1890-1894.	0.9	27

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19	A Glimpse into the Satellite DNA Library in Characidae Fish (Teleostei, Characiformes). Frontiers in Genetics, 2017, 8, 103.	1.1	27
20	Hybridization and genetic introgression patterns between two South American catfish along their sympatric distribution range. Hydrobiologia, 2017, 788, 319-343.	1.0	23
21	Genetic identification of lamniform and carcharhiniform sharks using multiplex-PCR. Conservation Genetics Resources, 2010, 2, 31-35.	0.4	22
22	Genetic parameters for resistance to Aeromonas hydrophila in the Neotropical fish pacu (Piaractus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	21
23	SNP discovery from liver transcriptome in the fish Piaractus mesopotamicus. Conservation Genetics Resources, 2016, 8, 109-114.	0.4	20
24	First report of a B chromosome in a natural population of Astyanax altiparanae (Characiformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	0.6	20
25	Assessing Genetic Diversity for a Pre-Breeding Program in Piaractus mesopotamicus by SNPs and SSRs. Genes, 2019, 10, 668.	1.0	19
26	Chromosome polymorphism of heterochromatin and nucleolar regions in two populations of the fish Astyanax bockmanni (Teleostei: Characiformes). Neotropical Ichthyology, 2010, 8, 861-866.	0.5	18
27	Cytogenetic Mapping of H1 Histone and Ribosomal RNA Genes in Hybrids between Catfish Species <i>Pseudoplatystoma corruscans</i> and <i>Pseudoplatystoma reticulatum</i>. Cytogenetic and Genome Research, 2013, 139, 102-106.	0.6	18
28	Motile Aeromonas septicemia in tambaqui Colossoma macropomum: Pathogenicity, lethality and new insights for control and disinfection in aquaculture. Microbial Pathogenesis, 2020, 149, 104512.	1.3	17
29	Chromosomal features of nucleolar dominance in hybrids between the Neotropical fish Leporinus macrocephalus and Leporinus elongatus (Characiformes, Anostomidae). Genetica, 2009, 137, 135-140.	0.5	16
30	Genetic markers for the identification of hybrids among catfish species of the family Pimelodidae. Journal of Applied Ichthyology, 2013, 29, 643-647.	0.3	16
31	Genetic (co)variation between resistance to Aeromonas hydrophila and growth in tambaqui (Colossoma macropomum). Aquaculture, 2020, 523, 735225.	1.7	16
32	Forensic identification of the guitarfish species Rhinobatos horkelli, R. percellens and Zapteryx brevirostris using multiplexâ€PCR. Molecular Ecology Resources, 2010, 10, 197-199.	2.2	15
33	Innovative molecular approach to the identification of Colossoma macropomum and its hybrids. Anais Da Academia Brasileira De Ciencias, 2012, 84, 517-526.	0.3	15
34	Survival of purebred and hybrid Serrasalmidae under low water temperature conditions. Aquaculture, 2018, 497, 97-102.	1.7	15
35	Repetitive DNA probe linked to sex chromosomes in hybrids between Neotropical fish <i>Leporinus macrocephalus</i> and <i>Leporinus elongatus </i>(Characiformes,) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	14
36	Cytogenetic analysis of B chromosomes in one population of the fish Moenkhausia sanctaefilomenae (Steindachner, 1907) (Teleostei, Characiformes). Comparative Cytogenetics, 2012, 6, 141-151.	0.3	14

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37	Characterization of lipid metabolism genes and the influence of fatty acid supplementation in the hepatic lipid metabolism of dusky grouper (Epinephelus marginatus). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2018, 219-220, 1-9.	0.8	13
38	Cytogenetic characterization of distinct B chromosomes in a population of the fish Astyanax bockmanni (Teleostei, Characiformes). Caryologia, 2012, 65, 229-233.	0.2	12
39	Microsatellites Associated with Growth Performance and Analysis of Resistance to Aeromonas hydrophila in Tambaqui Colossoma macropomum. Frontiers in Genetics, 2018, 9, 3.	1.1	12
40	Genetic Characterization of the Fish Piaractus brachypomus by Microsatellites Derived from Transcriptome Sequencing. Frontiers in Genetics, 2018, 9, 46.	1.1	12
41	Development of a multi-species SNP array for serrasalmid fish Colossoma macropomum and Piaractus mesopotamicus. Scientific Reports, 2021, 11, 19289.	1.6	12
42	Identification and characterization of polymorphic microsatellite loci in the blue shark Prionace glauca, and crossâ€amplification in other shark species. Journal of Fish Biology, 2012, 80, 2643-2646.	0.7	11
43	Molecular identification of intergenus crosses involving catfish hybrids: risks for aquaculture production. Neotropical Ichthyology, 2016, 14, .	0.5	11
44	Development of microsatellite markers using next-generation sequencing for the fish Colossoma macropomum. Molecular Biology Reports, 2018, 45, 9-18.	1.0	11
45	Development and characterization of microsatellite loci in Phractocephalus hemioliopterus (Siluriformes: Pimelodidae) and their cross-species amplification in six related species. Conservation Genetics Resources, 2012, 4, 499-501.	0.4	9
46	Organization and Chromosomal Distribution of Histone Genes and Transposable<i> Rex</i> Elements in the Genome of <i>Astyanax bockmanni </i>(Teleostei, Characiformes). Cytogenetic and Genome Research, 2015, 146, 311-318.	0.6	9
47	New Insights into Karyotypic Relationships Among Populations of Astyanax bockmanni (Teleostei,) Tj ETQq1 1 0.784314 rgBT /Overlo	0.5	9
48	Isolation and characterization of microsatellite loci in the Neotropical fish Astyanax altiparanae (Teleostei: Characiformes) and cross-species amplification. Journal of Genetics, 2014, 93, 24-27.	0.4	8
49	Development of a SNP linkage map and genome-wide association study for resistance to Aeromonas hydrophila in pacu (Piaractus mesopotamicus). BMC Genomics, 2020, 21, 672.	1.2	8
50	Transcriptome Profiling of Pacu (Piaractus mesopotamicus) Challenged With Pathogenic Aeromonas hydrophila: Inference on Immune Gene Response. Frontiers in Genetics, 2020, 11, 604.	1.1	8
51	Genotype by environment interaction and genetic parameters for growth traits in the Neotropical fish pacu (Piaractus mesopotamicus). Aquaculture, 2021, 530, 735933.	1.7	8
52	Long-term persistence of supernumerary B chromosomes in multiple species of Astyanax fish. BMC Biology, 2021, 19, 52.	1.7	8
53	Quantitative genetic variation for resistance to the parasite Ichthyophthirius multifiliis in the Neotropical fish tambaqui (Colossoma macropomum). Aquaculture Reports, 2020, 17, 100338.	0.7	7
54	Imputation of genetic composition for missing pedigree data in Serrasalmidae using morphometric data. Scientia Agricola, 2017, 74, 443-449.	0.6	6

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55	General and specific combining ability in Serrasalmidae. Aquaculture Research, 2019, 50, 717.	0.9	6
56	Patterns of the innate immune response in tambaqui Colossoma macropomum: Modulation of gene expression in haemorrhagic septicaemia caused by Aeromonas hydrophila. Microbial Pathogenesis, 2021, 150, 104638.	1.3	6
57	Triploidy in tambaqui Colossoma macropomum identified by chromosomes of fish larvae. Journal of Aquaculture & Marine Biology, 2020, 9, 65-69.	0.2	6
58	Performance of tambacu hybrid (â™‚Piaractus mesopotamicus x â™€Colossoma macropomum) and its parental pacu (Piaractus mesopotamicus) evaluated in cages under different feeding programmes. Aquaculture Reports, 2020, 17, 100355.	0.7	5
59	Genomic selection signatures in farmed Colossoma macropomum from tropical and subtropical regions in South America. Evolutionary Applications, 2022, 15, 679-693.	1.5	5
60	Linkage map for chromosome-level genome anchoring and genome-wide association study for resistance to Aeromonas hydrophila in Colossoma macropomum. Aquaculture, 2022, 560, 738462.	1.7	5
61	Molecular and morphological approaches for species delimitation and hybridization investigations of two Cichla species. Iheringia - Serie Zoologia, 2017, 107, .	0.5	4
62	Genetic Applications in the Conservation of Neotropical Freshwater Fish. , 0, , .		4
63	Cytogenetic markers as a tool for characterization of hybrids of Astyanax Baird & Girard, 1854 and Hyphessobrycon Eigenmann, 1907. Comparative Cytogenetics, 2020, 14, 231-242.	0.3	4
64	Organization and Distribution of Repetitive DNA Classes in the <i>Cichla kelberi</i> and <i>Cichla piquiti</i> Genome. Cytologia, 2017, 82, 193-197.	0.2	3
65	ETosis in tambaqui Colossoma macropomum: A programmed cell death pathway and approach of leukocytes immune response. Microbial Pathogenesis, 2021, 155, 104918.	1.3	3
66	Use of genetic markers to identify the illegal trade of billfish in the second largest fishing warehouse of Latin America. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 1251-1254.	0.9	2
67	Haplotypes traceability and genetic variability of the breeding population of pacu (Piaractus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	2
68	Morpho-molecular identification, pathogenicity for Piaractus mesopotamicus, and antimicrobial susceptibility of a virulent Flavobacterium columnare isolated from Nile tilapia cultured in Brazil. Aquaculture, 2022, 560, 738486.	1.7	2
69	Sex-Dependent Inheritance of B Chromosomes in Psalidodon paranae (Teleostei, Characiformes) Revealed by Directed Crossings. Zebrafish, 2021, 18, 363-368.	0.5	1
70	First Description of supernumerary Chromosomes in Ictalurus punctatus Rafinesque 1818 Reveals Active Ribosomal Genes in the B Complement. Folia Biologica, 2016, 64, 245-252.	0.1	0
71	DNA Barcode as an effective tool in the identification of billfishes (Scombroidei, Teleostei) from exported specimens. Forensic Science International Animals and Environments, 2021, 1, 100028.	0.3	0
72	Use of Molecular Genetic Methods to Reduce the Risk of Incorrect Identification of Fish Strains in Brazilian Aquaculture. Frontiers in Genetics, 2021, 12, 720736.	1.1	0