

Diogo Hashimoto

List of Publications by Year in descending order

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Version: 2024-02-01

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	The farming and husbandry of <i>Colossoma macropomum</i> : From Amazonian waters to sustainable production. <i>Reviews in Aquaculture</i> , 2022, 14, 993-1027.	4.6	33
2	Genomic selection signatures in farmed <i>Colossoma macropomum</i> from tropical and subtropical regions in South America. <i>Evolutionary Applications</i> , 2022, 15, 679-693.	1.5	5
3	Linkage map for chromosome-level genome anchoring and genome-wide association study for resistance to <i>Aeromonas hydrophila</i> in <i>Colossoma macropomum</i> . <i>Aquaculture</i> , 2022, 560, 738462.	1.7	5
4	Morpho-molecular identification, pathogenicity for <i>Piaractus mesopotamicus</i> , and antimicrobial susceptibility of a virulent <i>Flavobacterium columnare</i> isolated from Nile tilapia cultured in Brazil. <i>Aquaculture</i> , 2022, 560, 738486.	1.7	2
5	Genotype by environment interaction and genetic parameters for growth traits in the Neotropical fish pacu (<i>Piaractus mesopotamicus</i>). <i>Aquaculture</i> , 2021, 530, 735933.	1.7	8
6	Patterns of the innate immune response in tambaqui <i>Colossoma macropomum</i> : Modulation of gene expression in haemorrhagic septicaemia caused by <i>Aeromonas hydrophila</i> . <i>Microbial Pathogenesis</i> , 2021, 150, 104638.	1.3	6
7	Haplotypes traceability and genetic variability of the breeding population of pacu (<i>Piaractus</i>) Tj ETQq1 1 0.784314 $\frac{0.06}{0.06}$ / Overlock 10 IF		
8	Long-term persistence of supernumerary B chromosomes in multiple species of <i>Astyanax</i> fish. <i>BMC Biology</i> , 2021, 19, 52.	1.7	8
9	ETosis in tambaqui <i>Colossoma macropomum</i> : A programmed cell death pathway and approach of leukocytes immune response. <i>Microbial Pathogenesis</i> , 2021, 155, 104918.	1.3	3
10	Development of a multi-species SNP array for serrasalmid fish <i>Colossoma macropomum</i> and <i>Piaractus mesopotamicus</i> . <i>Scientific Reports</i> , 2021, 11, 19289.	1.6	12
11	DNA Barcode as an effective tool in the identification of billfishes (Scombroidei, Teleostei) from exported specimens. <i>Forensic Science International Animals and Environments</i> , 2021, 1, 100028.	0.3	0
12	Sex-Dependent Inheritance of B Chromosomes in <i>Psalidodon paranae</i> (Teleostei, Characiformes) Revealed by Directed Crossings. <i>Zebrafish</i> , 2021, 18, 363-368.	0.5	1
13	Use of Molecular Genetic Methods to Reduce the Risk of Incorrect Identification of Fish Strains in Brazilian Aquaculture. <i>Frontiers in Genetics</i> , 2021, 12, 720736.	1.1	0
14	Motile <i>Aeromonas</i> septicemia in tambaqui <i>Colossoma macropomum</i> : Pathogenicity, lethality and new insights for control and disinfection in aquaculture. <i>Microbial Pathogenesis</i> , 2020, 149, 104512.	1.3	17
15	Development of a SNP linkage map and genome-wide association study for resistance to <i>Aeromonas hydrophila</i> in pacu (<i>Piaractus mesopotamicus</i>). <i>BMC Genomics</i> , 2020, 21, 672.	1.2	8
16	Quantitative genetic variation for resistance to the parasite <i>Ichthyophthirius multifiliis</i> in the Neotropical fish tambaqui (<i>Colossoma macropomum</i>). <i>Aquaculture Reports</i> , 2020, 17, 100338.	0.7	7
17	Performance of tambacu hybrid (\hat{a}^{TM} , <i>Piaractus mesopotamicus</i> x \hat{a}^{TM} <i>Colossoma macropomum</i>) and its parental pacu (<i>Piaractus mesopotamicus</i>) evaluated in cages under different feeding programmes. <i>Aquaculture Reports</i> , 2020, 17, 100355.	0.7	5
18	Transcriptome Profiling of Pacu (<i>Piaractus mesopotamicus</i>) Challenged With Pathogenic <i>Aeromonas hydrophila</i> : Inference on Immune Gene Response. <i>Frontiers in Genetics</i> , 2020, 11, 604.	1.1	8

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19	Use of genetic markers to identify the illegal trade of billfish in the second largest fishing warehouse of Latin America. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1251-1254.	0.9	2
20	Genetic (co)variation between resistance to <i>Aeromonas hydrophila</i> and growth in tambaqui (<i>Colossoma macropomum</i>). <i>Aquaculture</i> , 2020, 523, 735225.	1.7	16
21	Triploidy in tambaqui <i>Colossoma macropomum</i> identified by chromosomes of fish larvae. <i>Journal of Aquaculture & Marine Biology</i> , 2020, 9, 65-69.	0.2	6
22	Cytogenetic markers as a tool for characterization of hybrids of <i>Astyanax Baird & Girard, 1854</i> and <i>Hyphessobrycon Eigenmann, 1907</i> . <i>Comparative Cytogenetics</i> , 2020, 14, 231-242.	0.3	4
23	General and specific combining ability in <i>Serrasalmidae</i> . <i>Aquaculture Research</i> , 2019, 50, 717.	0.9	6
24	Assessing Genetic Diversity for a Pre-Breeding Program in <i>Piaractus mesopotamicus</i> by SNPs and SSRs. <i>Genes</i> , 2019, 10, 668.	1.0	19
25	Genetic parameters for resistance to <i>Aeromonas hydrophila</i> in the Neotropical fish pacu (<i>Piaractus</i>). <i>Tj ETQq1 1 0.784314 rgBT / Overl</i>	1.7	21
26	Satellitome landscape analysis of <i>Megaleporinus macrocephalus</i> (Teleostei, Anostomidae) reveals intense accumulation of satellite sequences on the heteromorphic sex chromosome. <i>Scientific Reports</i> , 2019, 9, 5856.	1.6	40
27	Characterization of lipid metabolism genes and the influence of fatty acid supplementation in the hepatic lipid metabolism of dusky grouper (<i>Epinephelus marginatus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2018, 219-220, 1-9.	0.8	13
28	Development of microsatellite markers using next-generation sequencing for the fish <i>Colossoma macropomum</i> . <i>Molecular Biology Reports</i> , 2018, 45, 9-18.	1.0	11
29	Survival of purebred and hybrid <i>Serrasalmidae</i> under low water temperature conditions. <i>Aquaculture</i> , 2018, 497, 97-102.	1.7	15
30	Microsatellites Associated with Growth Performance and Analysis of Resistance to <i>Aeromonas hydrophila</i> in Tambaqui <i>Colossoma macropomum</i> . <i>Frontiers in Genetics</i> , 2018, 9, 3.	1.1	12
31	Genetic Characterization of the Fish <i>Piaractus brachypomus</i> by Microsatellites Derived from Transcriptome Sequencing. <i>Frontiers in Genetics</i> , 2018, 9, 46.	1.1	12
32	High-throughput analysis unveils a highly shared satellite DNA library among three species of fish genus <i>Astyanax</i> . <i>Scientific Reports</i> , 2017, 7, 12726.	1.6	40
33	Hybridization and genetic introgression patterns between two South American catfish along their sympatric distribution range. <i>Hydrobiologia</i> , 2017, 788, 319-343.	1.0	23
34	A Glimpse into the Satellite DNA Library in <i>Characidae</i> Fish (Teleostei, Characiformes). <i>Frontiers in Genetics</i> , 2017, 8, 103.	1.1	27
35	Organization and Distribution of Repetitive DNA Classes in the <i>Cichla kelberi</i> and <i>Cichla piquiti</i> Genome. <i>Cytologia</i> , 2017, 82, 193-197.	0.2	3
36	Molecular and morphological approaches for species delimitation and hybridization investigations of two <i>Cichla</i> species. <i>Iheringia - Serie Zoologia</i> , 2017, 107, .	0.5	4

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37	Imputation of genetic composition for missing pedigree data in Serrasalminae using morphometric data. <i>Scientia Agricola</i> , 2017, 74, 443-449.	0.6	6
38	Molecular identification of intergenus crosses involving catfish hybrids: risks for aquaculture production. <i>Neotropical Ichthyology</i> , 2016, 14, .	0.5	11
39	Uncovering the Ancestry of B Chromosomes in <i>Moenkhausia sanctaefilomenae</i> (Teleostei, Characidae). <i>PLoS ONE</i> , 2016, 11, e0150573.	1.1	48
40	First Description of supernumerary Chromosomes in <i>Ictalurus punctatus</i> Rafinesque 1818 Reveals Active Ribosomal Genes in the B Complement. <i>Folia Biologica</i> , 2016, 64, 245-252.	0.1	0
41	Origin of B chromosomes in the genus <i>Astyanax</i> (Characiformes, Characidae) and the limits of chromosome painting. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1407-1418.	1.0	28
42	SNP discovery from liver transcriptome in the fish <i>Piaractus mesopotamicus</i> . <i>Conservation Genetics Resources</i> , 2016, 8, 109-114.	0.4	20
43	Organization and Chromosomal Distribution of Histone Genes and Transposable Elements in the Genome of <i>Astyanax bockmanni</i> (Teleostei, Characiformes). <i>Cytogenetic and Genome Research</i> , 2015, 146, 311-318.	0.6	9
44	New Insights into Karyotypic Relationships Among Populations of <i>Astyanax bockmanni</i> (Teleostei, Characiformes). <i>Journal of Heredity</i> , 2015, 106, 107-115.	0.5	9
45	Identification of Bacterial Fish Pathogens in Brazil by Direct Colony PCR and 16S rRNA Gene Sequencing. <i>Advances in Microbiology</i> , 2015, 05, 409-424.	0.3	61
46	Genetic Identification of F1 and Post-F1 Serrasalminid Juvenile Hybrids in Brazilian Aquaculture. <i>PLoS ONE</i> , 2014, 9, e89902.	1.1	34
47	Isolation and characterization of microsatellite loci in the Neotropical fish <i>Astyanax altiparanae</i> (Teleostei: Characiformes) and cross-species amplification. <i>Journal of Genetics</i> , 2014, 93, 24-27.	0.4	8
48	Delimiting the Origin of a B Chromosome by FISH Mapping, Chromosome Painting and DNA Sequence Analysis in <i>Astyanax paranae</i> (Teleostei, Characiformes). <i>PLoS ONE</i> , 2014, 9, e94896.	1.1	85
49	Detection of post-F1 fish hybrids in broodstock using molecular markers: approaches for genetic management in aquaculture. <i>Aquaculture Research</i> , 2013, 44, 876-884.	0.9	30
50	Chromosomal organization of repetitive DNA sequences in <i>Astyanax bockmanni</i> (Teleostei, Characiformes). <i>Journal of Heredity</i> , 2013, 104, 329-336.	0.5	51
51	Genetic markers for the identification of hybrids among catfish species of the family Pimelodidae. <i>Journal of Applied Ichthyology</i> , 2013, 29, 643-647.	0.3	16
52	Cytogenetic Mapping of H1 Histone and Ribosomal RNA Genes in Hybrids between Catfish Species <i>Pseudoplatystoma corruscans</i> and <i>Pseudoplatystoma reticulatum</i> . <i>Cytogenetic and Genome Research</i> , 2013, 139, 102-106.	0.6	18
53	Cytogenetic analysis of B chromosomes in one population of the fish <i>Moenkhausia sanctaefilomenae</i> (Steindachner, 1907) (Teleostei, Characiformes). <i>Comparative Cytogenetics</i> , 2012, 6, 141-151.	0.3	14
54	Cytogenetic characterization of distinct B chromosomes in a population of the fish <i>Astyanax bockmanni</i> (Teleostei, Characiformes). <i>Caryologia</i> , 2012, 65, 229-233.	0.2	12

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55	Detection of hybrids and genetic introgression in wild stocks of two catfish species (Siluriformes: Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	28
56	Innovative molecular approach to the identification of <i>Colossoma macropomum</i> and its hybrids. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 517-526.	0.3	15
57	Development and characterization of microsatellite loci in <i>Phractocephalus hemiliopterus</i> (Siluriformes: Pimelodidae) and their cross-species amplification in six related species. <i>Conservation Genetics Resources</i> , 2012, 4, 499-501.	0.4	9
58	Interspecific fish hybrids in Brazil: management of genetic resources for sustainable use. <i>Reviews in Aquaculture</i> , 2012, 4, 108-118.	4.6	61
59	Identification and characterization of polymorphic microsatellite loci in the blue shark <i>Prionace glauca</i> , and cross-amplification in other shark species. <i>Journal of Fish Biology</i> , 2012, 80, 2643-2646.	0.7	11
60	Molecular diagnostic methods for identifying Serrasalmid fish (Pacu, Pirapitinga, and Tambaqui) and their hybrids in the Brazilian aquaculture industry. <i>Aquaculture</i> , 2011, 321, 49-53.	1.7	42
61	Molecular identification of hybrids between Neotropical catfish species <i>Pseudoplatystoma corruscans</i> and <i>Pseudoplatystoma reticulatum</i> . <i>Aquaculture Research</i> , 2011, 42, 1890-1894.	0.9	27
62	Chromosome Mapping of H1 Histone and 5S rRNA Gene Clusters in Three Species of <i>Astyanax</i> (Teleostei, Characiformes). <i>Cytogenetic and Genome Research</i> , 2011, 134, 64-71.	0.6	52
63	Genetic identification of lamniform and carcharhiniform sharks using multiplex-PCR. <i>Conservation Genetics Resources</i> , 2010, 2, 31-35.	0.4	22
64	Chromosome polymorphism of heterochromatin and nucleolar regions in two populations of the fish <i>Astyanax bockmanni</i> (Teleostei: Characiformes). <i>Neotropical Ichthyology</i> , 2010, 8, 861-866.	0.5	18
65	Identification of hybrids between Neotropical fish <i>Leporinus macrocephalus</i> and <i>Leporinus elongatus</i> by PCR-RFLP and multiplex-PCR: Tools for genetic monitoring in aquaculture. <i>Aquaculture</i> , 2010, 298, 346-349.	1.7	28
66	Forensic identification of the guitarfish species <i>Rhinobatos horkelli</i> , <i>R. percellens</i> and <i>Zapteryx brevirostris</i> using multiplex-PCR. <i>Molecular Ecology Resources</i> , 2010, 10, 197-199.	2.2	15
67	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 /O	0.7	28
68	Chromosomal features of nucleolar dominance in hybrids between the Neotropical fish <i>Leporinus macrocephalus</i> and <i>Leporinus elongatus</i> (Characiformes, Anostomidae). <i>Genetica</i> , 2009, 137, 135-140.	0.5	16
69	Identification of the shark species <i>Rhizoprionodon landii</i> and <i>R. porosus</i> (Elasmobranchii, Carcharhinidae) by multiplex PCR and PCR-RFLP techniques. <i>Molecular Ecology Resources</i> , 2009, 9, 771-773.	2.2	32
70	Cytogenetic markers as diagnoses in the identification of the hybrid between <i>Piauçu</i> (<i>Leporinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	29
71	First report of a B chromosome in a natural population of <i>Astyanax altiparanae</i> (Characiformes, Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	20
72	Genetic Applications in the Conservation of Neotropical Freshwater Fish. , 0, , .		4