

# Paulino MartÃ-nez

## List of Publications by Year in descending order

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206  
papers

5,793  
citations

61857

43  
h-index

123241

61  
g-index

221  
all docs

221  
docs citations

221  
times ranked

4237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of genotyping by sequencing in aquaculture breeding and genetics. <i>Reviews in Aquaculture</i> , 2018, 10, 670-682.	4.6	217
2	Whole genome sequencing of turbot ( <i>Scophthalmus maximus</i> ; Pleuronectiformes): a fish adapted to demersal life. <i>DNA Research</i> , 2016, 23, 181-192.	1.5	150
3	Genetic architecture of sex determination in fish: applications to sex ratio control in aquaculture. <i>Frontiers in Genetics</i> , 2014, 5, 340.	1.1	139
4	Identification of the Major Sex-Determining Region of Turbot ( <i>Scophthalmus maximus</i> ). <i>Genetics</i> , 2009, 183, 1443-1452.	1.2	109
5	Analysis of qPCR reference gene stability determination methods and a practical approach for efficiency calculation on a turbot ( <i>Scophthalmus maximus</i> ) gonad dataset. <i>BMC Genomics</i> , 2014, 15, 648.	1.2	105
6	A Microsatellite Genetic Map of the Turbot ( <i>Scophthalmus maximus</i> ). <i>Genetics</i> , 2007, 177, 2457-2467.	1.2	93
7	Detection of growth-related QTL in turbot ( <i>Scophthalmus maximus</i> ). <i>BMC Genomics</i> , 2011, 12, 473.	1.2	86
8	Growth and gonadal development in diploid and triploid turbot ( <i>Scophthalmus maximus</i> ). <i>Aquaculture</i> , 2006, 251, 99-108.	1.7	82
9	Phylogeographic Congruence Between mtDNA and rDNA ITS Markers in Brown Trout. <i>Molecular Biology and Evolution</i> , 2002, 19, 2161-2175.	3.5	80
10	Gene Expression Profiles of the Spleen, Liver, and Head Kidney in Turbot ( <i>Scophthalmus maximus</i> ) Along the Infection Process with <i>Aeromonas salmonicida</i> Using an Immune-Enriched Oligo-microarray. <i>Marine Biotechnology</i> , 2011, 13, 1099-1114.	1.1	79
11	QTL detection for <i>Aeromonas salmonicida</i> resistance related traits in turbot ( <i>Scophthalmus</i> ) Tj ETQq1 1 0.784314 <small>igBT /Overlock 10 TF</small>	1.2	78
12	Yessotoxin induces ER-stress followed by autophagic cell death in glioma cells mediated by mTOR and BNIP3. <i>Cellular Signalling</i> , 2014, 26, 419-432.	1.7	72
13	Localization of the repetitive telomeric sequence (TTAGGG) <sub>n</sub> in four salmonid species. <i>Genome</i> , 1996, 39, 1035-1038.	0.9	71
14	Genetic structure of brown trout, <i>Salmo trutta</i> L., at the southern limit of the distribution range of the anadromous form. <i>Molecular Ecology</i> , 1999, 8, 1991-2001.	2.0	70
15	Differential stocking incidence in brown trout ( <i>Salmo trutta</i> ) populations from Northwestern Spain. <i>Aquaculture</i> , 1993, 114, 203-216.	1.7	69
16	Induction of triploidy in the turbot ( <i>Scophthalmus maximus</i> ). <i>Aquaculture</i> , 2000, 188, 79-90.	1.7	68
17	RNA-seq analysis reveals significant transcriptome changes in turbot ( <i>Scophthalmus maximus</i> ) suffering severe enteromyxosis. <i>BMC Genomics</i> , 2014, 15, 1149.	1.2	68
18	Cytogenetic characterization of six species of flatfishes with comments to karyotype differentiation patterns in Pleuronectiformes (Teleostei). <i>Journal of Fish Biology</i> , 2007, 70, 1-15.	0.7	65

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19	Potential sources of error in parentage assessment of turbot ( <i>Scophthalmus maximus</i> ) using microsatellite loci. <i>Aquaculture</i> , 2004, 242, 119-135.	1.7	63
20	An Expressed Sequence Tag (EST)-enriched genetic map of turbot ( <i>Scophthalmus maximus</i> ): a useful framework for comparative genomics across model and farmed teleosts. <i>BMC Genetics</i> , 2012, 13, 54.	2.7	62
21	Uncovering <i>QTL</i> for resistance and survival time to <i>Phylasterides dicentrarchi</i> in turbot ( <i>Scophthalmus maximus</i> ). <i>Animal Genetics</i> , 2013, 44, 149-157.	0.6	62
22	Phylogenetic analysis of flatfish (Order Pleuronectiformes) based on mitochondrial 16s rDNA sequences. <i>Scientia Marina</i> , 2005, 69, 531-543.	0.3	62
23	Expressed sequence tags (ESTs) from immune tissues of turbot ( <i>Scophthalmus maximus</i> ) challenged with pathogens. <i>BMC Veterinary Research</i> , 2008, 4, 37.	0.7	61
24	Allozyme and microsatellite diversity in natural and domestic populations of turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Sciences, 2002, 59, 1460-1473.	0.7	60
25	Centromere-linkage in the turbot ( <i>Scophthalmus maximus</i> ) through half-tetrad analysis in diploid meio cytogenetics. <i>Aquaculture</i> , 2008, 280, 81-88.	1.7	60
26	Karyotypic characterization of turbot ( <i>Scophthalmus maximus</i> ) with conventional, fluorochrome and restriction endonuclease-banding techniques. <i>Marine Biology</i> , 1994, 120, 609-613.	0.7	59
27	Induction of gynogenesis in the turbot ( <i>Scophthalmus maximus</i> ):. <i>Aquaculture</i> , 2004, 238, 403-419.	1.7	59
28	The search for alternative aqueous film forming foams (AFFF) with a low environmental impact: Physiological and transcriptomic effects of two Forafac <sup>®</sup> fluorosurfactants in turbot. <i>Aquatic Toxicology</i> , 2011, 104, 168-176.	1.9	58
29	Cytogenetical characterization of hatchery stocks and natural populations of Sea and Brown Trout from northwestern Spain. <i>Heredity</i> , 1991, 66, 9-17.	1.2	57
30	Identification of Quantitative Trait Loci Associated with Resistance to Viral Haemorrhagic Septicaemia (VHS) in Turbot ( <i>Scophthalmus maximus</i> ): A Comparison Between Bacterium, Parasite and Virus Diseases. <i>Marine Biotechnology</i> , 2014, 16, 265-276.	1.1	54
31	Gene expression analysis at the onset of sex differentiation in turbot ( <i>Scophthalmus maximus</i> ). <i>BMC Genomics</i> , 2015, 16, 973.	1.2	54
32	Parallel evolution and adaptation to environmental factors in a marine flatfish: Implications for fisheries and aquaculture management of the turbot ( <i>Scophthalmus maximus</i> ). <i>Evolutionary Applications</i> , 2018, 11, 1322-1341.	1.5	54
33	Analysis of the structure and variability of nucleolar organizer regions of <i>Salmo trutta</i> by C-, Ag-, and restriction endonuclease banding. <i>Cytogenetic and Genome Research</i> , 1990, 54, 6-9.	0.6	52
34	Induction of triploidy in the turbot ( <i>Scophthalmus maximus</i> ) II. Effects of cold shock timing and induction of triploidy in a large volume of eggs. <i>Aquaculture</i> , 2003, 220, 821-831.	1.7	52
35	Heritability of skeleton abnormalities (lordosis, lack of operculum) in gilthead seabream ( <i>Sparus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 51	1.7	51
36	Population analysis of an unusual NOR-site polymorphism in brown trout ( <i>Salmo trutta</i> L.). <i>Heredity</i> , 2001, 86, 291-302.	1.2	50

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37	RNA-seq analysis of early enteromyxosis in turbot ( <i>Scophthalmus maximus</i> ): new insights into parasite invasion and immune evasion strategies. <i>International Journal for Parasitology</i> , 2016, 46, 507-517.	1.3	50
38	Disentangling Genetic Variation for Resistance and Endurance to Scuticociliatosis in Turbot Using Pedigree and Genomic Information. <i>Frontiers in Genetics</i> , 2019, 10, 539.	1.1	49
39	Body pigmentation pattern to assess introgression by hatchery stocks in native <i>Salmo trutta</i> from Mediterranean streams. <i>Journal of Fish Biology</i> , 2005, 67, 931-949.	0.7	47
40	Comprehensive transcriptomic analysis of the process of gonadal sex differentiation in the turbot ( <i>Scophthalmus maximus</i> ). <i>International Journal of Molecular Sciences</i> , 2016, 17, 243.	1.6	47
41	Fine Mapping and Evolution of the Major Sex Determining Region in Turbot ( <i>Scophthalmus maximus</i> ). <i>International Journal of Molecular Sciences</i> , 2016, 17, 243.	0.8	46
42	A microsatellite marker tool for parentage analysis in Senegal sole ( <i>Solea senegalensis</i> ): Genotyping errors, null alleles and conformance to theoretical assumptions. <i>Aquaculture</i> , 2006, 261, 1194-1203.	1.7	45
43	Variation in anonymous and EST-microsatellites suggests adaptive population divergence in turbot. <i>Marine Ecology - Progress Series</i> , 2010, 420, 231-239.	0.9	45
44	Integrative Transcriptome, Genome and Quantitative Trait Loci Resources Identify Single Nucleotide Polymorphisms in Candidate Genes for Growth Traits in Turbot. <i>International Journal of Molecular Sciences</i> , 2016, 17, 243.	1.8	45
45	A combined strategy involving Sanger and 454 pyrosequencing increases genomic resources to aid in the management of reproduction, disease control and genetic selection in the turbot ( <i>Scophthalmus maximus</i> ). <i>International Journal of Molecular Sciences</i> , 2016, 17, 243.	1.7	44
46	Highly dense linkage maps from 31 full-sibling families of turbot ( <i>Scophthalmus maximus</i> ) provide insights into recombination patterns and chromosome rearrangements throughout a newly refined genome assembly. <i>DNA Research</i> , 2018, 25, 439-450.	1.5	44
47	Regional environmental pressure influences population differentiation in turbot ( <i>Scophthalmus maximus</i> ). <i>Molecular Ecology</i> , 2014, 23, 618-636.	2.0	43
48	Mapping of DNA Sex-Specific Markers and Genes Related to Sex Differentiation in Turbot ( <i>Scophthalmus maximus</i> ). <i>Marine Biotechnology</i> , 2012, 14, 655-663.	1.1	42
49	Gene diversity analysis in natural populations and cultured stocks of turbot ( <i>Scophthalmus maximus</i> ). <i>International Journal of Molecular Sciences</i> , 2016, 17, 243.	0.6	41
50	Phylogenetic analysis of the order Pleuronectiformes (Teleostei) based on sequences of 12S and 16S mitochondrial genes. <i>Genetics and Molecular Biology</i> , 2008, 31, 284-292.	0.6	41
51	A genome scan for candidate genes involved in the adaptation of turbot ( <i>Scophthalmus maximus</i> ). <i>Marine Genomics</i> , 2015, 23, 77-86.	0.4	41
52	Characterization of an atypical NOR site polymorphism in brown trout ( <i>Salmo trutta</i> ) with Ag- and CMA-staining, and fluorescent in situ hybridization. <i>Cytogenetic and Genome Research</i> , 1996, 75, 234-239.	0.6	40
53	A sex-associated sequence identified by RAPD screening in gynogenetic individuals of turbot ( <i>Scophthalmus maximus</i> ). <i>Molecular Biology Reports</i> , 2014, 41, 1501-1509.	1.0	40
54	Validation of single nucleotide polymorphism (SNP) markers from an immune Expressed Sequence Tag (EST) turbot, <i>Scophthalmus maximus</i> , database. <i>Aquaculture</i> , 2011, 313, 31-41.	1.7	39

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55	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2010â€“31 January 2011. <i>Molecular Ecology Resources</i> , 2011, 11, 586-589.	2.2	38
56	Low stocking incidence in brown trout populations from northwestern Spain monitored by LDH-5* diagnostic marker. <i>Journal of Fish Biology</i> , 1995, 47, 170-176.	0.7	37
57	Design and Performance of a Turbot ( <i>Scophthalmus maximus</i> ) Oligo-microarray Based on ESTs from Immune Tissues. <i>Marine Biotechnology</i> , 2010, 12, 452-465.	1.1	37
58	Compilation of mapping resources in turbot ( <i>Scophthalmus maximus</i> ): A new integrated consensus genetic map. <i>Aquaculture</i> , 2013, 414-415, 19-25.	1.7	37
59	>Localization of ribosomal genes in Pleuronectiformes using Ag-, CMA3-banding and in situ hybridization. <i>Heredity</i> , 2001, 86, 531-536.	1.2	36
60	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2012â€“31 January 2013. <i>Molecular Ecology Resources</i> , 2013, 13, 546-549.	2.2	36
61	A microsatellite marker tool for parentage assessment in gilthead seabream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , 2007, 272, S210-S216.	1.7	35
62	Signatures of selection for bonamiosis resistance in European flat oyster ( <i>Ostrea edulis</i> ): New genomic tools for breeding programs and management of natural resources. <i>Evolutionary Applications</i> , 2019, 12, 1781-1796.	1.5	35
63	Genetic Identification of F1 and Post-F1 Serrasalmid Juvenile Hybrids in Brazilian Aquaculture. <i>PLoS ONE</i> , 2014, 9, e89902.	1.1	34
64	Characterization of ESTâ€“derived microsatellites for gene mapping and evolutionary genomics in turbot. <i>Animal Genetics</i> , 2008, 39, 666-670.	0.6	33
65	Development and Validation of Single Nucleotide Polymorphisms (SNPs) Markers from Two Transcriptome 454-Runs of Turbot ( <i>Scophthalmus maximus</i> ) Using High-Throughput Genotyping. <i>International Journal of Molecular Sciences</i> , 2013, 14, 5694-5711.	1.8	33
66	Quantitative analysis of the variability of nucleolar organizer regions in <i>Salmo trutta</i> . <i>Genome</i> , 1993, 36, 1119-1123.	0.9	32
67	Threatened freshwater pearl mussel <i>Margaritifera margaritifera</i> L. in NW Spain: low and very structured genetic variation in southern peripheral populations assessed using microsatellite markers. <i>Conservation Genetics</i> , 2007, 8, 937-948.	0.8	32
68	Gynogenesis Assessment Using Microsatellite Genetic Markers in Turbot ( <i>Scophthalmus maximus</i> ). <i>Marine Biotechnology</i> , 2003, 5, 584-592.	1.1	31
69	Current genetic status, temporal stability and structure of the remnant wild European flat oyster populations: conservation and restoring implications. <i>Marine Biology</i> , 2016, 163, 1.	0.7	30
70	A genome-wide association study, supported by a new chromosome-level genome assembly, suggests <i>sox2</i> as a main driver of the undifferentiated ZZ/ZW sex determination of turbot ( <i>Scophthalmus</i> ) <a href="#">Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</a>		
71	Allozymic evidence of parapatric differentiation of brown trout ( <i>Salmo trutta</i> L.) within an Atlantic river basin of the Iberian Peninsula. <i>Molecular Ecology</i> , 2001, 10, 1455-1469.	2.0	29
72	Gene Expression Profiles of Spleen, Liver, and Head Kidney in Turbot ( <i>Scophthalmus maximus</i> ) Along the Infection Process with <i>Philasterides dicentrarchi</i> Using an Immune-Enriched Oligo-Microarray. <i>Marine Biotechnology</i> , 2012, 14, 570-582.	1.1	29

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73	Tracing the genetic impact of farmed turbot <i>Scophthalmus maximus</i> on wild populations. <i>Aquaculture Environment Interactions</i> , 2018, 10, 447-463.	0.7	29
74	Very low microsatellite polymorphism and large heterozygote deficits suggest founder effects and cryptic structure in the parasite <i>Perkinsus olseni</i> . <i>Infection, Genetics and Evolution</i> , 2011, 11, 904-911.	1.0	28
75	Turbot ( <i>Scophthalmus maximus</i> ) genomic resources: application for boosting aquaculture production. , 2016, , 131-163.		26
76	Sex-dependent synaptic behaviour in triploid turbot, <i>Scophthalmus maximus</i> (Pisces, Scophthalmidae). <i>Heredity</i> , 2002, 89, 460-464.	1.2	25
77	Localization of rDNA genes in European eel ( <i>Anguilla anguilla</i> ) by FISH. <i>Genome</i> , 1996, 39, 1220-1223.	0.9	24
78	A population analysis of the structure and variability of NOR in <i>Salmo trutta</i> by Ag, CMA3 and ISH. <i>Genetica</i> , 2000, 108, 113-118.	0.5	24
79	Ribosomal genes in Coregonid fishes ( <i>Coregonus lavaretus</i> , <i>C. albula</i> and <i>C. peled</i> ) (Salmonidae): single and multiple nucleolus organizer regions. <i>Heredity</i> , 2001, 87, 672-679.	1.2	24
80	Development and characterization of 248 novel microsatellite markers in turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 4	0.9	24
81	Mitochondrial haplotype variability of brown trout populations from Northwestern Iberian Peninsula, a secondary contact area between lineages. <i>Conservation Genetics</i> , 2008, 9, 917-920.	0.8	24
82	Synaptonemal complex analysis in spermatocytes and oocytes of turbot, <i>Scophthalmus maximus</i> (Pisces, Scophthalmidae). <i>Genome</i> , 2001, 44, 1143-1147.	0.9	23
83	Growth and gonadal development of gynogenetic diploid <i>Scophthalmus maximus</i> . <i>Journal of Fish Biology</i> , 2006, 68, 401-413.	0.7	23
84	Diversity in isochore structure among cold-blooded vertebrates based on GC content of coding and non-coding sequences. <i>Genetica</i> , 2007, 129, 281-289.	0.5	23
85	Phylogeography, genetic structure, and conservation of the endangered Caspian brown trout, <i>Salmo trutta caspius</i> (Kessler, 1877), from Iran. <i>Hydrobiologia</i> , 2011, 664, 51-67.	1.0	23
86	Consolidation of the genetic and cytogenetic maps of turbot ( <i>Scophthalmus maximus</i> ) using FISH with BAC clones. <i>Chromosoma</i> , 2014, 123, 281-291.	1.0	23
87	Differential gene expression and SNP association between fast- and slow-growing turbot ( <i>Scophthalmus maximus</i> ). <i>Scientific Reports</i> , 2017, 7, 12105.	1.6	23
88	Identification and validation of single nucleotide polymorphisms as tools to detect hybridization and population structure in freshwater stingrays. <i>Molecular Ecology Resources</i> , 2017, 17, 550-556.	2.2	23
89	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
90	Integrating Genomic and Morphological Approaches in Fish Pathology Research: The Case of Turbot ( <i>Scophthalmus maximus</i> ) Enteromyxosis. <i>Frontiers in Genetics</i> , 2019, 10, 26.	1.1	23

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91	Estimates of recent and historical effective population size in turbot, seabream, seabass and carp selective breeding programmes. <i>Genetics Selection Evolution</i> , 2021, 53, 85.	1.2	23
92	A set of highly polymorphic microsatellites useful for kinship and population analysis in turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture Research</i> , 2006, 37, 1578-1582.	0.9	22
93	Chromosomal heterochromatin differentiation in <i>Salmo trutta</i> with restriction enzymes. <i>Heredity</i> , 1991, 66, 241-249.	1.2	21
94	Integrating genomic resources of flatfish (Pleuronectiformes) to boost aquaculture production. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 21, 41-55.	0.4	21
95	Estimation of genetic parameters for growth traits in a hatchery population of gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Aquaculture International</i> , 2017, 25, 499-514.	1.1	21
96	Performance and precision of double digestion RAD (ddRAD) genotyping in large multiplexed datasets of marine fish species. <i>Marine Genomics</i> , 2018, 39, 64-72.	0.4	21
97	Validation of growth-related quantitative trait loci markers in turbot ( <i>Scophthalmus maximus</i> ) families as a step toward marker assisted selection. <i>Aquaculture</i> , 2018, 495, 602-610.	1.7	21
98	Comparative expression analysis in mature gonads, liver and brain of turbot ( <i>Scophthalmus maximus</i> ) by cDNA-AFLPS. <i>Gene</i> , 2012, 492, 250-261.	1.0	20
99	Ecological Factors and Diversification among Neotropical Characiforms. <i>International Journal of Ecology</i> , 2012, 2012, 1-20.	0.3	20
100	Evolution of egg production and parental contribution in Senegalese sole, <i>Solea senegalensis</i> , during four consecutive spawning seasons. <i>Aquaculture</i> , 2014, 424-425, 45-52.	1.7	20
101	Oral immunostimulation of the oyster <i>Ostrea edulis</i> : Impacts on the parasite <i>Bonamia ostreae</i> . <i>Fish and Shellfish Immunology</i> , 2015, 45, 43-51.	1.6	20
102	Construction of an <i>Ostrea edulis</i> database from genomic and expressed sequence tags (ESTs) obtained from <i>Bonamia ostreae</i> infected haemocytes: Development of an immune-enriched oligo-microarray. <i>Fish and Shellfish Immunology</i> , 2016, 59, 331-344.	1.6	20
103	SNP discovery from liver transcriptome in the fish <i>Piaractus mesopotamicus</i> . <i>Conservation Genetics Resources</i> , 2016, 8, 109-114.	0.4	20
104	Long-term affected flat oyster ( <i>Ostrea edulis</i> ) haemocytes show differential gene expression profiles from naïve oysters in response to <i>Bonamia ostreae</i> . <i>Genomics</i> , 2018, 110, 390-398.	1.3	20
105	A population analysis of Robertsonian and Ag-NOR polymorphisms in brown trout ( <i>Salmo trutta</i> ). <i>Theoretical and Applied Genetics</i> , 1994, 89, 105-111.	1.8	19
106	A NOR-associated repetitive element present in the genome of two <i>Salmo</i> species ( <i>Salmo</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	19
107	Analysis of a secondary contact between divergent lineages of brown trout <i>Salmo trutta</i> L. from Duero basin using microsatellites and mtDNA RFLPs. <i>Journal of Fish Biology</i> , 2007, 71, 195-213.	0.7	19
108	Identification and conservation of remnant genetic resources of brown trout in relict populations from Western Mediterranean streams. <i>Hydrobiologia</i> , 2013, 707, 29-45.	1.0	19

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109	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
110	Induction of G-bands on <i>Anguilla anguilla</i> chromosomes by the restriction endonucleases <i>HaeIII</i> , <i>HinI</i> , and <i>MseI</i> . <i>Cytogenetic and Genome Research</i> , 1994, 65, 79-81.	0.6	18
111	Promiscuous Speciation with Gene Flow in Silverside Fish Genus <i>Odontesthes</i> (Atheriniformes). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50</i>	1.1	18
112	First characterization and validation of turbot microRNAs. <i>Aquaculture</i> , 2017, 472, 76-83.	1.7	18
113	Molecular analysis of a NOR site polymorphism in brown trout ( <i>Salmo trutta</i> ): organization of rDNA intergenic spacers. <i>Genome</i> , 1997, 40, 916-922.	0.9	17
114	Development and validation of a molecular tool for assessing triploidy in turbot ( <i>Scophthalmus</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50</i>	1.7	17
115	First Haploid Genetic Map Based on Microsatellite Markers in Senegalese Sole ( <i>Solea senegalensis</i> ). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50</i>	1.1	17
116	Chromosomal characteristics of rDNA in European grayling <i>Thymallus thymallus</i> (Salmonidae). <i>Genetica</i> , 2003, 119, 219-224.	0.5	16
117	Genomic Organization, Molecular Diversification, and Evolution of Antimicrobial Peptide Myticin-C Genes in the Mussel ( <i>Mytilus galloprovincialis</i> ). <i>PLoS ONE</i> , 2011, 6, e24041.	1.1	16
118	First identification of interspecies hybridization in the freshwater stingrays <i>Potamotrygon motoro</i> and <i>P. falkneri</i> (Myliobatiformes, Potamotrygonidae). <i>Conservation Genetics</i> , 2015, 16, 241-245.	0.8	16
119	Genomics advances for boosting aquaculture breeding programs in Spain. <i>Aquaculture</i> , 2017, 472, 4-7.	1.7	16
120	New microsatellite markers in turbot ( <i>Scophthalmus maximus</i> ) derived from an enriched genomic library and sequence databases. <i>Molecular Ecology Notes</i> , 2005, 5, 62-64.	1.7	15
121	Characterization of single-nucleotide polymorphism markers in the Mediterranean mussel, <i>Mytilus galloprovincialis</i> . <i>Aquaculture Research</i> , 2010, 41, e568-e575.	0.9	15
122	Exploitation of a turbot ( <i>Scophthalmus maximus</i> L.) immune-related expressed sequence tag (EST) database for microsatellite screening and validation. <i>Molecular Ecology Resources</i> , 2012, 12, 706-716.	2.2	15
123	Transcriptomic profile of Manila clam ( <i>Ruditapes philippinarum</i> ) haemocytes in response to <i>Perkinsus olseni</i> infection. <i>Aquaculture</i> , 2017, 467, 170-181.	1.7	15
124	Stocking impact, population structure and conservation of wild brown trout populations in inner Galicia (NW Spain), an unstable hydrologic region. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 435-443.	0.9	15
125	Evolution and conservation of <i>Characidium</i> sex chromosomes. <i>Heredity</i> , 2017, 119, 237-244.	1.2	15
126	Characterization of a New <i>HpaI</i> Centromeric Satellite DNA in <i>Salmo salar</i> . <i>Genetica</i> , 2004, 121, 81-87.	0.5	14



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127	Accuracy of pairwise methods in the reconstruction of family relationships, using molecular information from turbot ( <i>Scophthalmus maximus</i> ). <i>Aquaculture</i> , 2007, 273, 434-442.	1.7	14
128	Novel microsatellite loci in the threatened European long-snouted seahorse ( <i>Hippocampus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	0.8	14
129	De novo transcriptome assembly of <i>Perkinsus olsenii</i> trophozoite stimulated in vitro with Manila clam ( <i>Ruditapes philippinarum</i> ) plasma. <i>Journal of Invertebrate Pathology</i> , 2016, 135, 22-33.	1.5	14
130	Morphological variation in a secondary contact between divergent lineages of brown trout ( <i>Salmo</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	13
131	Species identification and genetic structure of threatened seahorses in Gran Canaria Island (Spain) using mitochondrial and microsatellite markers. <i>Conservation Genetics</i> , 2010, 11, 2431-2436.	0.8	13
132	Microarray analysis of the inflammatory and immune responses in head kidney turbot leucocytes treated with resveratrol. <i>International Immunopharmacology</i> , 2013, 15, 588-596.	1.7	13
133	First genetic linkage map for comparative mapping and QTL screening of brill ( <i>Scophthalmus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.7	13
134	Heritability estimation for okadaic acid algal toxin accumulation, mantle color and growth traits in Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ). <i>Aquaculture</i> , 2015, 440, 32-39.	1.7	13
135	Isolation and characterization of 20 polymorphic microsatellite loci in the migratory freshwater fish <i>Leporinus obtusidens</i> (Characiformes: Anostomidae) using 454 shotgun pyrosequencing. <i>Journal of Fish Biology</i> , 2015, 86, 1209-1217.	0.7	13
136	A molecular tool for parentage analysis in the Mediterranean mussel ( <i>Mytilus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (gallopro	0.9	13
137	Genetic structure and evidence of anthropogenic effects on wild populations of two Neotropical catfishes: baselines for conservation. <i>Journal of Fish Biology</i> , 2018, 92, 55-72.	0.7	13
138	Genomic survey of edible cockle ( <i>Cerastoderma edule</i> ) in the Northeast Atlantic: A baseline for sustainable management of its wild resources. <i>Evolutionary Applications</i> , 2022, 15, 262-285.	1.5	13
139	Brief communication. Analysis of the inheritance of NOR size variants in brown trout ( <i>Salmo trutta</i> ). <i>Journal of Heredity</i> , 1998, 89, 264-266.	1.0	12
140	Localization of 5S rRNA loci in three coregonid species (Salmonidae). <i>Genetica</i> , 2003, 119, 183-186.	0.5	12
141	Screening of repetitive motifs inside the genome of the flat oyster ( <i>Ostrea edulis</i> ): Transposable elements and short tandem repeats. <i>Marine Genomics</i> , 2015, 24, 335-341.	0.4	12
142	SNP identification and validation on genomic DNA for studying genetic diversity in <i>Thunnus albacares</i> and <i>Scomberomorus brasiliensis</i> by combining RADseq and long read high throughput sequencing. <i>Fisheries Research</i> , 2018, 198, 189-194.	0.9	12
143	Genetic Characterization of the Fish <i>Piaractus brachipomus</i> by Microsatellites Derived from Transcriptome Sequencing. <i>Frontiers in Genetics</i> , 2018, 9, 46.	1.1	12
144	Genomic Signatures After Five Generations of Intensive Selective Breeding: Runs of Homozygosity and Genetic Diversity in Representative Domestic and Wild Populations of Turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td	1.7	12

#	ARTICLE	IF	CITATIONS
145	Analysis of centromere size in human chromosomes 1, 9, 15, and 16 by electron microscopy. <i>Genome</i> , 1991, 34, 710-713.	0.9	11
146	Development and characterization of 16 microsatellites for the Neotropical catfish <i>Pseudoplatystoma reticulatum</i> and cross species analysis. <i>Conservation Genetics Resources</i> , 2014, 6, 679-681.	0.4	11
147	Management units of brown trout from Galicia (NW: Spain) based on spatial genetic structure analysis. <i>Conservation Genetics</i> , 2010, 11, 897-906.	0.8	10
148	Insights into Mussel Microbiome. , 2019, , 95-120.		10
149	The Teleost Thymus in Health and Disease: New Insights from Transcriptomic and Histopathological Analyses of Turbot, <i>Scophthalmus maximus</i> . <i>Biology</i> , 2020, 9, 221.	1.3	10
150	Evaluating different genomic coancestry matrices for managing genetic variability in turbot. <i>Aquaculture</i> , 2020, 520, 734985.	1.7	10
151	Analysis of the vomeronasal organ transcriptome reveals variable gene expression depending on age and function in rabbits. <i>Genomics</i> , 2021, 113, 2240-2252.	1.3	10
152	Restriction endonuclease/nick translation procedure on fixed chromosomes of the Atlantic salmon fish cell line. <i>Chromosome Research</i> , 1995, 3, 379-385.	1.0	9
153	Chromosome Banding and 18S rDNA in situ Hybridization Analysis of Seven Species of the Family Achiridae (Teleostei: Pleuronectiformes). <i>Genetica</i> , 2005, 125, 125-132.	0.5	9
154	Phylogenetic diversity within the endemic brown trout Duero lineage: implications for conservation and management. <i>Marine and Freshwater Research</i> , 2015, 66, 1066.	0.7	9
155	Reproductive performance of captive Senegalese sole, <i>Solea senegalensis</i> , according to the origin (wild or cultured) and gender. <i>Spanish Journal of Agricultural Research</i> , 2020, 17, e0608.	0.3	9
156	rRNA genes map to chromosomes 10, 11 and 12 in European whitefish ( <i>Coregonus lavaretus</i> ) and to chromosomes 1, 5, 9 and 10 in vendace ( <i>Coregonus albula</i> ). <i>Chromosome Research</i> , 2000, 8, 455-455.	1.0	8
157	High Ag-NOR-site variation associated to a secondary contact in brown trout from the Iberian Peninsula. <i>Genetica</i> , 2009, 136, 419-427.	0.5	8
158	Vaccine-induced modulation of gene expression in turbot peritoneal cells. A microarray approach. <i>Molecular Immunology</i> , 2016, 75, 188-199.	1.0	8
159	A Useful SNP Panel to Distinguish Two Cockle Species, <i>Cerastoderma edule</i> and <i>C. glaucum</i> , Co-Occurring in Some European Beds, and Their Putative Hybrids. <i>Genes</i> , 2019, 10, 760.	1.0	8
160	Genetic diversity and structure of <i>Taxus baccata</i> from the Cantabrian-Atlantic area in northern Spain: A guide for conservation and management actions. <i>Forest Ecology and Management</i> , 2021, 482, 118844.	1.4	8
161	Application of amplified fragment length polymorphism markers to assess molecular polymorphisms in gynogenetic haploid embryos of turbot ( <i>Scophthalmus maximus</i> ). <i>Aquaculture Research</i> , 2008, 39, 41-49.	0.9	7
162	Statistical properties and performance of pairwise relatedness estimators using turbot ( <i>Scophthalmus maximus</i> L.) family data. <i>Aquaculture Research</i> , 2010, 41, 528-534.	0.9	7

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163	Differential incidence of gonadal apoptosis in triploid-induced male and female turbot ( <i>Scophthalmus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10	1.7	7
164	Hepatic gene transcription profiles in turbot ( <i>Scophthalmus maximus</i> ) experimentally exposed to heavy fuel oil n° 6 and to styrene. <i>Marine Environmental Research</i> , 2017, 123, 14-24.	1.1	7
165	Identification of an endemic Mediterranean brown trout mtDNA group within a highly perturbed aquatic system, the Llobregat River (NE Spain). <i>Hydrobiologia</i> , 2019, 827, 277-291.	1.0	7
166	Low impact of different SNP panels from two building-loci pipelines on RAD-Seq population genomic metrics: case study on five diverse aquatic species. <i>BMC Genomics</i> , 2021, 22, 150.	1.2	7
167	Blood Transcriptomics of Turbot <i>Scophthalmus maximus</i> : A Tool for Health Monitoring and Disease Studies. <i>Animals</i> , 2021, 11, 1296.	1.0	7
168	Genetic analysis of modifier variability in <i>Drosophila subobscura</i> . <i>Experientia</i> , 1981, 37, 1150-1152.	1.2	6
169	Apoptosis during gametogenesis in diploid and triploid turbot ( <i>Scophthalmus maximus</i> ). <i>Fish Physiology and Biochemistry</i> , 2003, 28, 369-370.	0.9	6
170	Genomic Hatchery Introgression in Brown Trout ( <i>Salmo trutta</i> L.): Development of a Diagnostic SNP Panel for Monitoring the Impacted Mediterranean Rivers. <i>Genes</i> , 2022, 13, 255.	1.0	6
171	Full-Length Transcriptome Sequences Provide Insight Into Hermaphroditism of Freshwater Pearl Mussel <i>Hyriopsis schlegelii</i> . <i>Frontiers in Genetics</i> , 2022, 13, 868742.	1.1	6
172	Genetic variation in a modifier system affecting the expression of Bare mutant of <i>Drosophila subobscura</i> . <i>Heredity</i> , 1990, 64, 55-66.	1.2	5
173	rDNA RFLPs as genetic markers for resource management in brown trout. <i>Journal of Fish Biology</i> , 1999, 55, 221-225.	0.7	5
174	Microsatellite marker development in the protozoan parasite <i>Perkinsus olseni</i> . <i>Diseases of Aquatic Organisms</i> , 2011, 94, 161-165.	0.5	5
175	A microsatellite panel for mating system analysis and broodstock management of captive long-snouted seahorse <i>Hippocampus guttulatus</i> . <i>Aquaculture</i> , 2012, 356-357, 153-157.	1.7	5
176	Gene expression analysis of <i>Ruditapes philippinarum</i> haemocytes after experimental <i>Perkinsus olseni</i> zoospore challenge and infection in the wild. <i>Fish and Shellfish Immunology</i> , 2018, 72, 611-621.	1.6	5
177	Immunohistochemical expression of E-cadherin in different tissues of the teleost fish <i>Scophthalmus maximus</i> . <i>Aquaculture</i> , 2019, 501, 465-472.	1.7	5
178	Editorial: Genetic Dissection of Important Traits in Aquaculture: Genome-Scale Tools Development, Trait Localization and Regulatory Mechanism Exploration. <i>Frontiers in Genetics</i> , 2020, 11, 642.	1.1	5
179	Genetic characterization, based on microsatellite loci, of <i>Solea senegalensis</i> (Soleidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10	0.4	5
180	Replication banding in the chromosomes of the European eel ( <i>Anguilla anguilla</i> ). <i>Genetica</i> , 1996, 98, 107-110.	0.5	4

#	ARTICLE	IF	CITATIONS
181	Brown trout 5S rDNA maps to chromosome 38. <i>Chromosome Research</i> , 2000, 8, 657-657.	1.0	4
182	Species identification of two closely exploited flatfish, turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (ma approach. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1253-1260.	0.9	4
183	Population Genomics in <i>Rhamdia quelen</i> (Heptapteridae, Siluriformes) Reveals Deep Divergence and Adaptation in the Neotropical Region. <i>Genes</i> , 2020, 11, 109.	1.0	4
184	First description outside Europe of the emergent pathogen <i>Vibrio europaeus</i> in shellfish aquaculture. <i>Journal of Invertebrate Pathology</i> , 2021, 180, 107542.	1.5	4
185	Integration of Maps Enables a Cytogenomics Analysis of the Complete Karyotype in <i>Solea senegalensis</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 5353.	1.8	4
186	Characterization of microsatellite markers derived from sequence databases for the European flounder ( <i>Platichthys flesus</i> ). <i>Molecular Ecology Notes</i> , 2005, 5, 664-665.	1.7	3
187	Genomics advances for boosting aquaculture breeding programs in Spain. <i>Aquaculture</i> , 2016, 464, 117-120.	1.7	3
188	The hemoglobin Gly161 <sup>2</sup> Asp polymorphism in turbot ( <i>Scophthalmus maximus</i> ) is differentially distributed across European populations. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 2367-2376.	0.9	3
189	New insights into the Manila clam <i>Perkinsus olseni</i> interaction based on gene expression analysis of clam hemocytes and parasite trophozoites through in vitro challenges. <i>International Journal for Parasitology</i> , 2020, 50, 195-208.	1.3	3
190	Synaptonemal complex analysis in spermatocytes and oocytes of turbot, <i>Scophthalmus maximus</i> (Pisces, Scophthalmidae). <i>Genome</i> , 2001, 44, 1143-1147.	0.9	3
191	G-like banding pattern in two salmonid species: <i>Oncorhynchus mykiss</i> and <i>Oncorhynchus kisutch</i> . <i>Chromosome Research</i> , 1996, 4, 471-473.	1.0	2
192	Analysis of European eel ( <i>Anguilla anguilla</i> ) chromosomes after treatment with Tfil and Aval restriction endonucleases. <i>Journal of Applied Ichthyology</i> , 1998, 14, 113-115.	0.3	2
193	Detection of Genomic Regions with Pleiotropic Effects for Growth and Carcass Quality Traits in the Rubia Gallega Cattle Breed. <i>Animals</i> , 2021, 11, 1682.	1.0	2
194	Microsatellite loci in the oceanic whitetip shark and cross-species amplification using pyrosequencing technology. <i>Conservation Genetics Resources</i> , 2015, 7, 585-589.	0.4	1
195	Preface. <i>Genomics</i> , 2018, 110, 389.	1.3	1
196	Species assignment and population genetic studies of Gran Paraná pejerrey ( <i>Odontesthes sp.</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	1.0	1
197	Polyploidy in Acipenseriformes: Cytogenetic and Molecular Approaches. , 2007, , 405-420.		1
198	Assessment of Biostimulation Methods Based on Chemical Communication in Female Doe Reproduction. <i>Animals</i> , 2022, 12, 308.	1.0	1

#	ARTICLE	IF	CITATIONS
199	Genetic structure and management of the Neotropical migratory fish <i>Megaleporinus obtusidens</i> on a highly impacted river basin. <i>Hydrobiologia</i> , 2022, 849, 1645-1658.	1.0	1
200	Development and validation of sex-specific markers in <i>Piaractus mesopotamicus</i> . <i>Aquaculture</i> , 2022, 558, 738374.	1.7	1
201	Differential digestion of the centromeric heterochromatic regions of the 5-azacytidine-decondensed human chromosomes 1, 9, 15, and 16 by <i>Nde</i> I and <i>Sau</i> 3A1 restriction endonucleases. <i>Genetica</i> , 1995, 96, 235-238.	0.5	0
202	Genetic diversity analysis and management of turbot ( <i>Scophthalmus maximus</i> ) broodstocks assisted by microsatellite markers. <i>Aquaculture</i> , 2007, 272, S288.	1.7	0
203	Performances of relatedness coefficients using actual microsatellite family data from a turbot selection program. <i>Aquaculture</i> , 2007, 272, S288-S289.	1.7	0
204	Relationships between cell migration, adhesion, apoptosis and gene expression in free and attached peritoneal cells in turbot after administration of vaccines containing <i>P. dicentrarchi</i> antigen and different adjuvants. <i>Fish and Shellfish Immunology</i> , 2016, 53, 64-65.	1.6	0
205	Identification of a sex-specific molecular marker in <i>Salminus brasiliensis</i> (Characiformes) based on SCAR marker. <i>Journal of Applied Ichthyology</i> , 2017, 33, 1024-1026.	0.3	0
206	Introduction to Genetics in Aquaculture XII. <i>Aquaculture</i> , 2017, 472, 2-3.	1.7	0