

# Luca Bargelloni

## List of Articles by Year in descending order

Source: [//exaly.com/author-pdf/9264897/publications.pdf](https://exaly.com/author-pdf/9264897/publications.pdf)

Version: 2025-02-01

132

peer-reviewed  
articles

6,820

peer-reviewed  
citations

89697

41

peer-reviewed  
h-index

1585702

2.40

score

138

documents

7722

doc citations

96707

43

h-index

18176

citing authors

#	ARTICLE	IF	CITATIONS
1	Role of multi-omics in aquaculture genetics and breeding: current status and future perspective. <i>Science China Life Sciences</i> , 2025, 68, 2591-2604.	6.7	6
2	Temporal profiling of host transcriptome highlights time- and tissue-dependent Interferon pathway activation in NNV-infected European sea bass. <i>Scientific Reports</i> , 2025, 15, .	3.4	2
3	Thermal priming mitigates the effects of lethal marine heatwaves on the Manila clam <i>Ruditapes philippinarum</i> . <i>IScience</i> , 2025, 28, 113108.	3.5	3
4	Spatio-temporal variations of growth, chemical composition, and gene expression in Mediterranean mussels ( <i>Mytilus galloprovincialis</i> ): A two-year study in the Venice lagoon under anthropogenic and climate changing scenarios. <i>Aquaculture</i> , 2024, 578, 740111.	3.9	15
5	Preventing illegal seafood trade using machine-learning assisted microbiome analysis. <i>BMC Biology</i> , 2024, 22, .	3.9	4
6	Gene Expression Profiles of the Immuno-Transcriptome in Equine Asthma. <i>Animals</i> , 2023, 13, 4.	2.3	3
7	An innovative index to incorporate transcriptomic data into weight of evidence approaches for environmental risk assessment. <i>Environmental Research</i> , 2023, 227, 115745.	7.7	10
8	Functional Evolution of Clustered Aquaporin Genes Reveals Insights into the Oceanic Success of Teleost Eggs. <i>Molecular Biology and Evolution</i> , 2023, 40, .	4.7	8
9	Viral nervous necrosis resistance in gilthead sea bream ( <i>Sparus aurata</i> ) at the larval stage: heritability and accuracy of genomic prediction with different training and testing settings. <i>Genetics Selection Evolution</i> , 2023, 55, .	2.6	8
10	Transcriptional Profiling of Populations in the Clam <i>Ruditapes decussatus</i> Suggests Genetically Determined Differentiation in Gene Expression along Parallel Temperature Gradients and between Races of the Atlantic Ocean and West Mediterranean Sea. <i>Fishes</i> , 2023, 8, 203.	2.1	2
11	Genomic Predictions of Phenotypes and Pseudo-Phenotypes for Viral Nervous Necrosis Resistance, Cortisol Concentration, Antibody Titer and Body Weight in European Sea Bass. <i>Animals</i> , 2022, 12, 367.	2.3	5
12	Population structure and genetic variability in wild and farmed Mediterranean populations of gilthead seabream and European seabass inferred from a 60K combined species SNP array. <i>Aquaculture Reports</i> , 2022, 24, 101145.	1.9	22
13	Machine Learning and Canine Chronic Enteropathies: A New Approach to Investigate FMT Effects. <i>Veterinary Sciences</i> , 2022, 9, 502.	1.9	14
14	fshr: a fish sex-determining locus shows variable incomplete penetrance across flathead grey mullet populations. <i>IScience</i> , 2021, 24, 101886.	3.5	20
15	Resistance to viral nervous necrosis in European sea bass ( <i>Dicentrarchus labrax</i> L.): heritability and relationships with body weight, cortisol concentration, and antibody titer. <i>Genetics Selection Evolution</i> , 2021, 53, .	2.6	19
16	The new PFAS C6O4 and its effects on marine invertebrates: First evidence of transcriptional and microbiota changes in the Manila clam <i>Ruditapes philippinarum</i> . <i>Environment International</i> , 2021, 152, 106484.	10.2	62
17	Data imputation and machine learning improve association analysis and genomic prediction for resistance to fish photobacteriosis in the gilthead sea bream. <i>Aquaculture Reports</i> , 2021, 20, 100661.	1.9	17
18	Current status and potential of genomic selection to improve selective breeding in the main aquaculture species of International Council for the Exploration of the Sea (ICES) member countries. <i>Aquaculture Reports</i> , 2021, 20, 100700.	1.9	75

#	ARTICLE	IF	CITATIONS
19	New compounds, old problems. The case of C6O4 - a substitute of PFOA - and its effects to the clam <i>Ruditapes philippinarum</i> . <i>Journal of Hazardous Materials</i> , 2021, 420, 126689.	12.5	26
20	Genome-wide analysis clarifies the population genetic structure of wild gilthead sea bream ( <i>Sparus</i> )	2.3	27
21	Investigating Genetic Diversity and Genomic Signatures of Hatchery-Induced Evolution in Gilthead Seabream ( <i>Sparus aurata</i> ) Populations. <i>Diversity</i> , 2021, 13, 563.	1.7	9
22	Long-lasting effects of chronic exposure to chemical pollution on the hologenome of the Manila clam. <i>Evolutionary Applications</i> , 2021, 14, 2864-2880.	3.1	13
23	Potential for Genetic Improvement of Resistance to <i>Perkinsus olseni</i> in the Manila Clam, <i>Ruditapes philippinarum</i> , Using DNA Parentage Assignment and Mass Spawning. <i>Frontiers in Veterinary Science</i> , 2020, 7, .	2.4	12
24	High temperature induces transcriptomic changes in <i>Crassostrea gigas</i> that hinders progress of <i>Ostreid herpesvirus (OsHV-1)</i> and promotes survival. <i>Journal of Experimental Biology</i> , 2020, .	2.1	33
25	Genetic Variation, GWAS and Accuracy of Prediction for Host Resistance to <i>Sparicotyle chrysophrii</i> in Farmed Gilthead Sea Bream ( <i>Sparus aurata</i> ). <i>Frontiers in Genetics</i> , 2020, 11, .	2.3	26
26	Molecular insights into post-mating immune response in a fish with internal fertilization. <i>Journal of Evolutionary Biology</i> , 2020, 33, 751-761.	1.9	4
27	Helping decision making for reliable and cost-effective RAD sequencing and genotyping analyses in non-model species. <i>Molecular Ecology Resources</i> , 2020, 20, 795-806.	4.7	19
28	Host-microbiota interactions shed light on mortality events in the striped venus clam <i>Chamelea gallina</i> . <i>Molecular Ecology</i> , 2019, 28, 4486-4499.	3.7	35
29	Genetic and spatial characterization of the red fox ( <i>Vulpes vulpes</i> ) population in the area stretching between the Eastern and Dinaric Alps and its relationship with rabies and canine distemper dynamics. <i>PLoS ONE</i> , 2019, 14, e0213515.	2.3	18
30	Tracing seafood at high spatial resolution using NGS-generated data and machine learning: Comparing microbiome versus SNPs. <i>Food Chemistry</i> , 2019, 286, 413-420.	9.6	31
31	Draft genome assembly and transcriptome data of the icefish <i>Chionodraco myersi</i> reveal the key role of mitochondria for a life without hemoglobin at subzero temperatures. <i>Communications Biology</i> , 2019, 2, .	4.4	33
32	Bivalve transcriptomics reveal pathogen sequences and a powerful immune response of the Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ). <i>Marine Biology</i> , 2018, 165, .	1.6	28
33	Revealing <i>Mytilus galloprovincialis</i> transcriptomic profiles during ontogeny. <i>Developmental and Comparative Immunology</i> , 2018, 84, 292-306.	1.8	19
34	Ecotoxicological effects of the herbicide glyphosate in non-target aquatic species: Transcriptional responses in the mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2018, 237, 442-451.	7.7	67
35	Applications of genotyping by sequencing in aquaculture breeding and genetics. <i>Reviews in Aquaculture</i> , 2018, 10, 670-682.	11.5	279
36	The population genomics of yellowfin tuna ( <i>Thunnus albacares</i> ) at global geographic scale challenges current stock delineation. <i>Scientific Reports</i> , 2018, 8, .	3.4	70

#	ARTICLE	IF	CITATIONS
37	Genetics of resistance to photobacteriosis in gilthead sea bream ( <i>Sparus aurata</i> ) using 2b-RAD sequencing. <i>BMC Genetics</i> , 2018, 19, .	2.8	42
38	Understanding the mechanisms involved in the high sensitivity of <i>Pecten maximus</i> larvae to aeration. <i>Aquaculture</i> , 2018, 497, 189-199.	3.9	6
39	Genomic analysis of <i>Sparus aurata</i> reveals the evolutionary dynamics of sex-biased genes in a sequential hermaphrodite fish. <i>Communications Biology</i> , 2018, 1, .	4.4	93
40	Transcriptome analysis of the brain of the sea bream ( <i>Sparus aurata</i> ) after exposure to human pharmaceuticals at realistic environmental concentrations. <i>Marine Environmental Research</i> , 2017, 129, 36-45.	2.8	17
41	Long dsRNAs promote an anti-viral response in Pacific oyster hampering ostreid herpesvirus 1 replication. <i>Journal of Experimental Biology</i> , 2017, , .	2.1	13
42	A Microarray Study of Carpet-Shell Clam ( <i>Ruditapes decussatus</i> ) Shows Common and Organ-Specific Growth-Related Gene Expression Differences in Gills and Digestive Gland. <i>Frontiers in Physiology</i> , 2017, 8, .	2.8	11
43	Transcriptomic features of <i>Pecten maximus</i> oocyte quality and maturation. <i>PLoS ONE</i> , 2017, 12, e0172805.	2.3	22
44	Molecular Basis for Antigenic Diversity of Genus Betanodavirus. <i>PLoS ONE</i> , 2016, 11, e0158814.	2.3	46
45	Extending RAD tag analysis to microbial ecology: a comparison between MultiLocus Sequence Typing and 2b-RAD to investigate <i>Listeria monocytogenes</i> genetic structure. <i>Molecular Ecology Resources</i> , 2016, 16, 823-835.	4.7	9
46	Genomic Prediction of Resistance to Pasteurellosis in Gilthead Sea Bream ( <i>Sparus aurata</i> ) Using 2b-RAD Sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3693-3700.	1.9	147
47	An integrated genomic approach for the study of mandibular prognathism in the European seabass ( <i>Dicentrarchus labrax</i> ). <i>Scientific Reports</i> , 2016, 6, .	3.4	14
48	Transcriptomic profiling of <i>Chamelea gallina</i> from sites along the Abruzzo coast (Italy), subject to periodic localized mortality events. <i>Marine Biology</i> , 2016, 163, .	1.6	7
49	Ontogenetic onset of immune-relevant genes in the common sole ( <i>Solea solea</i> ). <i>Fish and Shellfish Immunology</i> , 2016, 57, 278-292.	3.9	26
50	RAD SNP markers as a tool for conservation of dolphinfish <i>Coryphaena hippurus</i> in the Mediterranean Sea: Identification of subtle genetic structure and assessment of populations sex-ratios. <i>Marine Genomics</i> , 2016, 28, 57-62.	1.9	18
51	Morphological Examination and Transcriptomic Profiling To Identify Prednisolone Treatment in Beef Cattle. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8435-8446.	5.9	5
52	A comprehensive survey on selective breeding programs and seed market in the European aquaculture fish industry. <i>Aquaculture International</i> , 2016, 24, 1287-1307.	1.8	141
53	Can ecological history influence response to pollutants? Transcriptomic analysis of Manila clam collected in different Venice lagoon areas and exposed to heavy metal. <i>Aquatic Toxicology</i> , 2016, 174, 123-133.	4.3	30
54	Methodological assessment of 2b-RAD genotyping technique for population structure inferences in yellowfin tuna ( <i>Thunnus albacares</i> ). <i>Marine Genomics</i> , 2016, 25, 43-48.	1.9	58

#	ARTICLE	IF	CITATIONS
55	Transcriptomic Changes in Liver of Young Bulls Caused by Diets Low in Mineral and Protein Contents and Supplemented with n-3 Fatty Acids and Conjugated Linoleic Acid. PLoS ONE, 2016, 11, e0167747.	2.3	9
56	Range-wide population structure of European sea bass <i>Dicentrarchus labrax</i> . Biological Journal of the Linnean Society, 2015, 116, 86-105.	1.4	43
57	An immune-enriched oligo-microarray analysis of gene expression in Manila clam ( <i>Venerupis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 275-286.	3.9	36
58	Pollutants bioavailability and toxicological risk from microplastics to marine mussels. Environmental Pollution, 2015, 198, 211-222.	7.7	1,288
59	Transcriptomic profiling of male European eel ( <i>Anguilla anguilla</i> ) livers at sexual maturity. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2015, 16, 28-35.	1.3	10
60	Evolution of the complement system C3 gene in Antarctic teleosts. Molecular Immunology, 2015, 66, 299-309.	2.2	14
61	A microarray-based analysis of oocyte quality in the European clam <i>Ruditapes decussatus</i> . Aquaculture, 2015, 446, 17-24.	3.9	8
62	Differences in brain gene transcription profiles advocate for an important role of cognitive function in upstream migration and water obstacles crossing in European eel. BMC Genomics, 2015, 16, .	3.3	20
63	Toxicogenomic markers for corticosteroid treatment in beef cattle: Integrated analysis of transcriptomic data. Food and Chemical Toxicology, 2015, 77, 1-11.	3.5	8
64	Liver transcriptome analysis in gilthead sea bream upon exposure to low temperature. BMC Genomics, 2014, 15, .	3.3	113
65	A Microarray-Based Analysis of Gametogenesis in Two Portuguese Populations of the European Clam <i>Ruditapes decussatus</i> . PLoS ONE, 2014, 9, e92202.	2.3	15
66	Second generation genetic linkage map for the gilthead sea bream <i>Sparus aurata</i> L.. Marine Genomics, 2014, 18, 77-82.	1.9	27
67	Outlier SNP markers reveal fine-scale genetic structuring across European hake populations ( <i>Merluccius merluccius</i> ). Molecular Ecology, 2014, 23, 118-135.	3.7	187
68	Gene expression profile analysis of Manila clam ( <i>Ruditapes philippinarum</i> ) hemocytes after a <i>Vibrio alginolyticus</i> challenge using an immune-enriched oligo-microarray. BMC Genomics, 2014, 15, .	3.3	44
69	Deep transcriptome sequencing of <i>Pecten maximus</i> hemocytes: A genomic resource for bivalve immunology. Fish and Shellfish Immunology, 2014, 37, 154-165.	3.9	76
70	Epigenetic Silencing of TFPI-2 in Canine Diffuse Large B-Cell Lymphoma. PLoS ONE, 2014, 9, e92707.	2.3	34
71	Insights into Molecular Features of <i>Venerupis decussata</i> Oocytes: A Microarray-Based Study. PLoS ONE, 2014, 9, e113925.	2.3	8
72	Exploring the larval transcriptome of the common sole ( <i>Solea solea</i> L.). BMC Genomics, 2013, 14, 315.	3.3	51

#	ARTICLE	IF	CITATIONS
73	Can ecological history influence immunomarker responses and antioxidant enzyme activities in bivalves that have been experimentally exposed to contaminants? A new subject for discussion in "eco-immunology" studies. <i>Fish and Shellfish Immunology</i> , 2013, 35, 126-135.	3.9	36
74	Exploring the effects of seasonality and chemical pollution on the hepatopancreas transcriptome of the Manila clam. <i>Molecular Ecology</i> , 2013, 22, 2157-2172.	3.7	34
75	Genome Evolution in the Cold: Antarctic Icefish Muscle Transcriptome Reveals Selective Duplications Increasing Mitochondrial Function. <i>Genome Biology and Evolution</i> , 2013, 5, 45-60.	2.4	62
76	High mortality of juvenile gilthead sea bream ( <i>Sparus aurata</i> ) from photobacteriosis is associated with alternative macrophage activation and anti-inflammatory response: Results of gene expression profiling of early responses in the head kidney. <i>Fish and Shellfish Immunology</i> , 2013, 34, 1269-1278.	3.9	26
77	Gene transcription and biomarker responses in the clam <i>Ruditapes philippinarum</i> after exposure to ibuprofen. <i>Aquatic Toxicology</i> , 2013, 126, 17-29.	4.3	137
78	mRNA-Seq and microarray development for the Grooved carpet shell clam, <i>Ruditapes decussatus</i> : a functional approach to unravel host-parasite interaction. <i>BMC Genomics</i> , 2013, 14, 741.	3.3	42
79	Identification of Hypoxia-Regulated Genes in the Liver of Common Sole ( <i>Solea solea</i> ) Fed Different Dietary Lipid Contents. <i>Marine Biotechnology</i> , 2013, 16, 277-288.	2.4	26
80	Evolutionary analysis of Antarctic teleost Toll-like receptor 2. <i>Fish and Shellfish Immunology</i> , 2012, 33, 1076-1085.	3.9	18
81	Overexpression of four and a half LIM domains protein 2 promotes epithelial-mesenchymal transition-like phenotype in fish pre-osteoblasts. <i>Biochimie</i> , 2012, 94, 1128-1134.	2.9	7
82	Transcriptomic markers meet the real world: finding diagnostic signatures of corticosteroid treatment in commercial beef samples. <i>BMC Veterinary Research</i> , 2012, 8, .	2.3	9
83	Comparative analysis of intronless genes in teleost fish genomes: Insights into their evolution and molecular function. <i>Marine Genomics</i> , 2011, 4, 109-119.	1.9	22
84	Novel Tools for Conservation Genomics: Comparing Two High-Throughput Approaches for SNP Discovery in the Transcriptome of the European Hake. <i>PLoS ONE</i> , 2011, 6, e28008.	2.3	61
85	Transcriptome sequencing and microarray development for the Manila clam, <i>Ruditapes philippinarum</i> : genomic tools for environmental monitoring. <i>BMC Genomics</i> , 2011, 12, .	3.3	125
86	Global analysis of gene expression in mineralizing fish vertebra-derived cell lines: new insights into anti-mineralogenic effect of vanadate. <i>BMC Genomics</i> , 2011, 12, .	3.3	13
87	Skin healing and scale regeneration in fed and unfed sea bream, <i>Sparus auratus</i> . <i>BMC Genomics</i> , 2011, 12, .	3.3	69
88	Effects of the total replacement of fish-based diet with plant-based diet on the hepatic transcriptome of two European sea bass ( <i>Dicentrarchus labrax</i> ) half-sibfamilies showing different growth rates with the plant-based diet. <i>BMC Genomics</i> , 2011, 12, .	3.3	162
89	How will fish that evolved at constant sub-zero temperatures cope with global warming? Notothenioids as a case study. <i>BioEssays</i> , 2011, 33, 260-268.	2.1	45
90	Development of an oligo DNA microarray for the European sea bass and its application to expression profiling of jaw deformity. <i>BMC Genomics</i> , 2010, 11, .	3.3	37

#	ARTICLE	IF	CITATIONS
91	Different Phylogenomic Approaches to Resolve the Evolutionary Relationships among Model Fish Species. <i>Molecular Biology and Evolution</i> , 2010, 27, 2757-2774.	4.7	19
92	Identification and characterisation of a novel immune-type receptor (NITR) gene cluster in the European sea bass, <i>Dicentrarchus labrax</i> , reveals recurrent gene expansion and diversification by positive selection. <i>Immunogenetics</i> , 2009, 61, 773-788.	2.8	19
93	Estimates of heritability and genetic correlation for body length and resistance to fish pasteurellosis in the gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Aquaculture</i> , 2009, 298, 29-35.	3.9	54
94	Development and validation of a gene expression oligo microarray for the gilthead sea bream ( <i>Sparus aurata</i> L.). <i>BMC Genomics</i> , 2009, 10, 1-10.	3.8	56
95	Genomics Toolbox for Farmed Fish. <i>Reviews in Fisheries Science</i> , 2008, 16, 3-15.	1.9	38
96	Full-length sequence and expression analysis of Toll-like receptor 9 in the gilthead seabream ( <i>Sparus aurata</i> L.). <i>Journal of Molecular Evolution</i> , 2008, 67, 23-34.	2.8	54
97	The first radiation hybrid map of a perch-like fish: The gilthead seabream ( <i>Sparus aurata</i> L.). <i>Genomics</i> , 2006, 87, 793-800.	2.8	59
98	Demographic history and population structure of the Antarctic silverfish <i>Pleuragramma antarcticum</i> . <i>Molecular Ecology</i> , 2006, 15, 4499-4511.	3.7	63
99	Embryonic $\beta$ -globin in the non-Antarctic notothenioid fish <i>Cottoperca gobio</i> (Bovichtidae). <i>Polar Biology</i> , 2006, 30, 75-82.	1.2	16
100	A Genetic Linkage Map of the Hermaphrodite Teleost Fish <i>Sparus aurata</i> L.. <i>Genetics</i> , 2006, 174, 851-861.	4.2	109
101	The Atlantic-Mediterranean transition: Discordant genetic patterns in two seabream species, <i>Diplodus puntazzo</i> (Cetti) and <i>Diplodus sargus</i> (L.). <i>Molecular Phylogenetics and Evolution</i> , 2005, 36, 523-535.	2.8	96
102	Fatal Necrotizing Fasciitis and Myositis in a Captive Common Bottlenose Dolphin ( <i>Tursiops truncatus</i> ) Associated with <i>Streptococcus agalactiae</i> . <i>Journal of Veterinary Diagnostic Investigation</i> , 2005, 17, 617-622.	1.4	32
103	Full-length sequence and expression analysis of estrogen receptor $\beta$ mRNA in feline mammary tumors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 96, 109-118.	2.3	9
104	Tempo and Mode of Evolution of a Primate-Specific Retrotransposon Belonging to the LINE 1 Family. <i>Journal of Molecular Evolution</i> , 2003, 57, S268-S276.	1.7	2
105	Phylogeography of the <i>Chionodraco</i> genus (Perciformes, Channichthyidae) in the Southern Ocean. <i>Molecular Phylogenetics and Evolution</i> , 2003, 28, 420-429.	2.8	30
106	Discord in the family Sparidae (Teleostei): divergent phylogeographical patterns across the Atlantic-Mediterranean divide. <i>Journal of Evolutionary Biology</i> , 2003, 16, 1149-1158.	1.9	146
107	Intervening Sequences in Paralogous Genes: A Comparative Genomic Approach to Study the Evolution of X Chromosome Introns. <i>Molecular Biology and Evolution</i> , 2003, 20, 2034-2041.	4.7	7
108	Characterization of the myostatin gene and a linked microsatellite marker in shi drum ( <i>Umbrina limba</i> ). <i>BMC Genomics</i> , 2003, 4, 1-10.	3.9	28

#	ARTICLE	IF	CITATIONS
109	Strategies for microsatellite isolation: a review. <i>Molecular Ecology</i> , 2002, 11, 1-16.	3.7	1,637
110	A novel second myostatin gene is present in teleost fish. <i>FEBS Letters</i> , 2001, 509, 36-40.	2.7	83
111	Characterization of the Myostatin Gene in the Gilthead Seabream ( <i>Sparus aurata</i> ): Sequence, Genomic Structure, and Expression Pattern. <i>Marine Biotechnology</i> , 2001, 3, 224-230.	2.4	150
112	Novel microsatellite loci isolated from the northern krill, <i>Meganyctiphanes norvegica</i> (Crustacea, Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50 0	3.7	5
113	Genetic differentiation in a pelagic crustacean ( <i>Meganyctiphanes norvegica</i> : Euphausiacea) from the North East Atlantic and the Mediterranean Sea. <i>Marine Biology</i> , 2000, 136, 191-199.	1.6	98
114	Mitochondrial Phylogeny of Notothenioids: A Molecular Approach to Antarctic Fish Evolution and Biogeography. <i>Systematic Biology</i> , 2000, 49, 114-129.	5.0	155
115	<i>Pseudopleurochloris antarcticagen. et sp. nov.</i> , a new coccoid xanthophycean from pack-ice of Wood Bay (Ross Sea, Antarctica): ultrastructure, pigments and 18S rRNA gene sequence. <i>European Journal of Phycology</i> , 1999, 34, 149-159.	2.1	33
116	Metallothioneins in antarctic fish: evidence for independent duplication and gene conversion. <i>Molecular Biology and Evolution</i> , 1999, 16, 885-897.	4.7	50
117	Molecular evidence for genetic subdivision of Antarctic krill ( <i>Euphausia superba</i> Dana) populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 2387-2391.	2.4	84
118	Antarctic fish hemoglobins: Evidence for adaptive evolution at subzero temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 8670-8675.	7.5	87
119	Messinian Salinity Crisis and the Origin of Freshwater Lifestyle in Western Mediterranean Gobies. <i>Molecular Biology and Evolution</i> , 1998, 15, 1472-1480.	4.7	68
120	Evolution of Emx genes and brain development in vertebrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1763-1766.	2.4	21
121	Mitochondrial Phylogeny of Trematomid Fishes (Nototheniidae, Perciformes) and the Evolution of Antarctic Fish. <i>Molecular Phylogenetics and Evolution</i> , 1996, 5, 383-390.	2.8	80
122	Molecular Phylogeny of Grey Mulletts Based on Mitochondrial DNA Sequence Analysis: Evidence of a Differential Rate of Evolution at the Intrafamily Level. <i>Molecular Phylogenetics and Evolution</i> , 1996, 6, 416-424.	2.8	60
123	Krill evolution and the Antarctic ocean currents: evidence of vicariant speciation as inferred by molecular data. <i>Marine Biology</i> , 1996, 126, 603-608.	1.6	85
124	Optimization of single-strand conformation polymorphism and sequence analysis of the mitochondrial control region in <i>Pagellus bogaraveo</i> (Sparidae, Teleostei): rationalized tools in fish population biology. <i>Animal Genetics</i> , 1996, 27, 423-427.	2.1	79
125	Molecular evolution at subzero temperatures: mitochondrial and nuclear phylogenies of fishes from Antarctica (suborder Notothenioidei), and the evolution of antifreeze glycopeptides.. <i>Molecular Biology and Evolution</i> , 1994, , .	4.7	140
126	Cytochrome b and 16S rRNA Sequence Variation in the <i>Salmo trutta</i> (Salmonidae, Teleostei) Species Complex. <i>Molecular Phylogenetics and Evolution</i> , 1994, 3, 69-74.	2.8	38

#	ARTICLE	IF	CITATIONS
127	Neurotransmission and secretion. Nature, 1993, 364, 581-582.	37.9	52
128	Genetic differentiation and phylogeography of Mediterranean-North Eastern Atlantic blue shark ( <i>Prionace glauca</i> )	0.0	18
129	Proteomic responses to hypoxia at different temperatures in the great scallop ( <i>Pecten maximus</i> )	0.0	22
130	Molecular Monitoring of SARS-CoV-2 in Different Sewage Plants in Venice and the Implications for Genetic Surveillance. ACS ES&T Water, 0, 2, 1953-1963.	4.3	3
131	Generating gnotobiotic bivalves: a new method on Manila clam ( <i>Ruditapes philippinarum</i> )	3.6	3
132	Structural variant landscape provides insights into genome organisation and domestication in European seabass. BMC Biology, 0, 23, .	3.9	0