

Xinxin Du

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Transcriptome profiling based on protein-protein interaction networks provides a core set of genes for understanding blood immune response mechanisms against <i>Edwardsiella tarda</i> infection in Japanese flounder (<i>Paralichthys olivaceus</i>). <i>Developmental and Comparative Immunology</i> , 2018, 78, 100-113.	2.3	56
2	Transcriptome profiling provides gene resources for understanding gill immune responses in Japanese flounder (<i>Paralichthys olivaceus</i>) challenged with <i>Edwardsiella tarda</i> . <i>Fish and Shellfish Immunology</i> , 2018, 72, 593-603.	3.6	55
3	Comparative transcriptome analysis of ovary and testis reveals potential sex-related genes and pathways in spotted knifejaw <i>Oplegnathus punctatus</i> . <i>Gene</i> , 2017, 637, 203-210.	2.2	51
4	A chromosome-level genome of black rockfish, <i>Sebastes schlegelii</i> , provides insights into the evolution of live birth. <i>Molecular Ecology Resources</i> , 2019, 19, 1309-1321.	4.8	44
5	Identification and characterization of a nanog homolog in Japanese flounder (<i>Paralichthys</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.2	41
6	Sequencing-based network analysis provides a core set of gene resource for understanding kidney immune response against <i>Edwardsiella tarda</i> infection in Japanese flounder. <i>Fish and Shellfish Immunology</i> , 2017, 67, 643-654.	3.6	38
7	Transcriptome Profiling Insights the Feature of Sex Reversal Induced by High Temperature in Tongue Sole <i>Cynoglossus semilaevis</i> . <i>Frontiers in Genetics</i> , 2019, 10, 522.	2.3	34
8	Transcriptome analysis of the gonads of olive flounder (<i>Paralichthys olivaceus</i>). <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1581-1594.	2.3	33
9	Detection of Alternative Splice and Gene Duplication by RNA Sequencing in Japanese Flounder, <i>Paralichthys olivaceus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2419-2424.	1.8	27
10	Identification and characterization of a Sox2 homolog in the Japanese flounder <i>Paralichthys olivaceus</i> . <i>Gene</i> , 2014, 544, 165-176.	2.2	21
11	Isolation and characterization of 64 novel microsatellite markers from a fosmid library of female half-smooth tongue sole (<i>Cynoglossus semilaevis</i>). <i>Molecular Ecology Resources</i> , 2008, 8, 1303-1306.	4.8	20
12	Fosmid Library Construction and Initial Analysis of End Sequences in Female Half-smooth Tongue Sole (<i>Cynoglossus semilaevis</i>). <i>Marine Biotechnology</i> , 2009, 11, 236-242.	2.4	20
13	Sexually dimorphic expression in developing and adult gonads shows an important role of gonadal soma-derived factor during sex differentiation in olive flounder (<i>Paralichthys olivaceus</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 210, 1-8.	1.6	19
14	Piwil1 gene is regulated by hypothalamic-pituitary-gonadal axis in turbot (<i>Scophthalmus maximus</i>): A different effect in ovaries and testes. <i>Gene</i> , 2018, 658, 86-95.	2.2	19
15	Spotted knifejaw (<i>Oplegnathus punctatus</i>) MyD88: Intracellular localization, signal transduction function and immune responses to bacterial infection. <i>Fish and Shellfish Immunology</i> , 2019, 89, 719-726.	3.6	19
16	Molecular Cloning, Promoter Analysis and Expression Profiles of the sox3 Gene in Japanese Flounder, <i>Paralichthys olivaceus</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 27931-27944.	4.1	18
17	<i>Edwardsiella tarda</i> -induced miR-7a functions as a suppressor in PI3K/AKT/GSK3 β signaling pathway by targeting insulin receptor substrate-2 (IRS2a and IRS2b) in <i>Paralichthys olivaceus</i> . <i>Fish and Shellfish Immunology</i> , 2019, 89, 477-485.	3.6	17
18	Identification, evolution and expression analyses of mapk gene family in Japanese flounder (<i>Paralichthys olivaceus</i>) provide insight into its divergent functions on biotic and abiotic stresses response. <i>Aquatic Toxicology</i> , 2021, 241, 106005.	4.0	17

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19	Molecular characterization and functional analysis of the GATA4 in tongue sole (<i>Cynoglossus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547 Td 193, 1-8.	1.6	16
20	Identification and expression of piwil2 in turbot <i>Scophthalmus maximus</i> , with implications of the involvement in embryonic and gonadal development. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 208-209, 84-93.	1.6	16
21	Genome-wide identification and transcriptome-based expression analysis of sox gene family in the Japanese flounder <i>Paralichthys olivaceus</i> . <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1731-1745.	1.3	16
22	A novel C-type lectin from spotted knifejaw, <i>Oplegnathus punctatus</i> possesses antibacterial and anti-inflammatory activity. <i>Fish and Shellfish Immunology</i> , 2019, 92, 11-20.	3.6	16
23	Long-term exposure to environmental relevant triclosan induces reproductive toxicity on adult zebrafish and its potential mechanism. <i>Science of the Total Environment</i> , 2022, 826, 154026.	8.0	16
24	Molecular characterization and expression profiles of GATA6 in tongue sole (<i>Cynoglossus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td 198, 19-26.	1.6	15
25	Roles of Two Sox9 Genes during Gonadal Development in Japanese Flounder: Sex Differentiation, Spermatogenesis and Gonadal Function Maintenance. <i>International Journal of Molecular Sciences</i> , 2018, 19, 512.	4.1	14
26	Evolutionary Conservation of pou5f3 Genomic Organization and Its Dynamic Distribution during Embryogenesis and in Adult Gonads in Japanese Flounder <i>Paralichthys olivaceus</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 231.	4.1	13
27	Kunitz-type serine protease inhibitor is a novel participator in anti-bacterial and anti-inflammatory responses in Japanese flounder (<i>Paralichthys olivaceus</i>). <i>Fish and Shellfish Immunology</i> , 2018, 80, 22-30.	3.6	12
28	Genetic variation assessed with microsatellites in mass selection lines of the Pacific oyster (<i>Crassostrea gigas</i>) in China. <i>Journal of Ocean University of China</i> , 2016, 15, 1039-1045.	1.2	11
29	Roles of piwil1 gene in gonad development and gametogenesis in Japanese flounder, <i>Paralichthys olivaceus</i> . <i>Gene</i> , 2019, 701, 104-112.	2.2	11
30	Expression and functional analysis of receptor-interacting serine/threonine kinase 2 (RIP2) in Japanese flounder (<i>Paralichthys olivaceus</i>). <i>Fish and Shellfish Immunology</i> , 2018, 75, 327-335.	3.6	10
31	Identification, molecular characterization and gene expression analysis of sox1a and sox1b genes in Japanese flounder, <i>Paralichthys olivaceus</i> . <i>Gene</i> , 2015, 574, 225-234.	2.2	9
32	Rapid evolution of piRNA pathway and its transposon targets in Japanese flounder (<i>Paralichthys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 100609.	1.0	9
33	Molecular Mechanism Based on Histopathology, Antioxidant System and Transcriptomic Profiles in Heat Stress Response in the Gills of Japanese Flounder. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3286.	4.1	9
34	Sex determination mechanisms in fish. <i>Journal of Ocean University of China</i> , 2009, 8, 155-160.	1.2	8
35	Identification of two major histocompatibility (MH) class II A genes and their association to <i>Vibrio anguillarum</i> infection in half-smooth tongue sole (<i>Cynoglossus semilaevis</i>). <i>Journal of Ocean University of China</i> , 2012, 11, 32-44.	1.2	8
36	Sequences analyses and expression profiles in tissues and embryos of Japanese flounder (<i>Paralichthys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 2.3	2.3	8

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37	Roles of two <i>cyp11</i> genes in sex hormone biosynthesis in Japanese flounder (<i>Paralichthys</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222	2.0	7
38	Weighted Correlation Network Analysis (WGCNA) of Japanese Flounder (<i>Paralichthys olivaceus</i>) Embryo Transcriptome Provides Crucial Gene Sets for Understanding Haploid Syndrome and Rescue by Diploidization. Journal of Ocean University of China, 2018, 17, 1441-1450.	1.2	7
39	Comparative studies on duplicated <i>tldr7</i> paralogs in teleosts: Molecular evolution caused neo-functionalization. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 30, 347-357.	1.0	7
40	Two <i>cyp17</i> genes perform different functions in the sex hormone biosynthesis and gonadal differentiation in Japanese flounder (<i>Paralichthys olivaceus</i>). Gene, 2019, 702, 17-26.	2.2	7
41	Isolation and characterization of 21 novel microsatellite markers from spotted halibut (<i>Verasper</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222	1.8	6
42	miR-1388 regulates the expression of <i>nectin2l</i> in <i>Paralichthys olivaceus</i> . Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 28, 9-16.	1.0	6
43	Evolutionary significance and regulated expression of <i>Tdrd</i> family genes in gynogenetic Japanese flounder (<i>Paralichthys olivaceus</i>). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 31, 100593.	1.0	6
44	Genome-wide identification of nonvisual opsin family reveals amplification of <i>RPE</i> retinal G protein receptor gene (<i>RGR</i>) and offers novel insights into functions of <i>RGR</i> (s) in <i>Paralichthys olivaceus</i> (<i>Paralichthyidae</i> , <i>Teleostei</i>). Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2020, 334, 25-36.	1.3	6
45	Comparative Evolution of Duplicated <i>Ddx3</i> Genes in Teleosts: Insights from Japanese Flounder, <i>Paralichthys olivaceus</i> . G3: Genes, Genomes, Genetics, 2015, 5, 1765-1773.	1.8	5
46	The evolution and possible role of two <i>Sox8</i> genes during sex differentiation in Japanese flounder () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	2.0	5
47	Molecular characterization, expression and functional analysis of cystatin C in Japanese flounder (<i>Paralichthys olivaceus</i>). Fish and Shellfish Immunology, 2019, 86, 695-701.	3.6	5
48	Evolution history of duplicated <i>smad3</i> genes in teleost: insights from Japanese flounder, <i>Paralichthys olivaceus</i> . PeerJ, 2016, 4, e2500.	2.0	5
49	Molecular cloning and expression of <i>Polr2</i> , a novel gene involved in immune response in Japanese flounder (<i>Paralichthys olivaceus</i>). Journal of Ocean University of China, 2010, 9, 59-64.	1.2	4
50	Identification and Characterization of a <i>PRDM14</i> Homolog in Japanese Flounder (<i>Paralichthys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	4.1	4
51	Locus Number Estimation of MHC Class II B in Stone Flounder and Japanese Flounder. International Journal of Molecular Sciences, 2015, 16, 6000-6017.	4.1	4
52	Characterization and functional analysis of the <i>Paralichthys olivaceus prdm1</i> gene promoter. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 212, 32-40.	1.6	3
53	<i>Klf4</i> could be activated by <i>Pou5f3</i> / <i>Stat3</i> to induce the expression of <i>Nanog</i> in Japanese flounder. Gene, 2019, 687, 56-63.	2.2	3
54	Establishment and Characterization of Four Long-Term Cultures of Neural Stem/Progenitor Cell Lines from the Japanese Flounder <i>Paralichthys olivaceus</i> . Journal of Ocean University of China, 2020, 19, 1153-1162.	1.2	3

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55	Hypothalamic-Pituitary-Gonadal (HPG) Axis and Transcriptional Regulatory Elements Regulate piwil2 Gene Expression During Gametogenesis and Gonadal Development in Japanese Flounder (<i>Paralichthys</i>) Tj ETQq1 1 0.7843143gBT /Over	0.7	1
56	Genome-Wide Identification of heat shock protein 10/60 Genes in Japanese Flounder (<i>Paralichthys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 China, 2021, 20, 886-896.	1.2	3
57	Cloning and stage-specific expression of CK-M1 gene during metamorphosis of Japanese flounder, <i>Paralichthys olivaceus</i> . Chinese Journal of Oceanology and Limnology, 2010, 28, 558-564.	0.7	2
58	Sequence polymorphism of two major histocompatibility (MH) class II B genes and their association with <i>Vibrio anguillarum</i> infection in half-smooth tongue sole (<i>Cynoglossus semilaevis</i>). Chinese Journal of Oceanology and Limnology, 2011, 29, 1275-1286.	0.7	2
59	Molecular cloning, expression profiles and promoter analysis of insulin-like growth factor binding protein-4 (IGFBP-4) in Japanese flounder (<i>Paralichthys olivaceus</i>). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 175, 41-52.	1.6	2
60	Novel Functions of Interleukin-1 Beta in Spotted Halibut (<i>Verasper variegatus</i>) at Its Embryonic and Metamorphic Stages. Journal of Ocean University of China, 2018, 17, 1197-1208.	1.2	2
61	Discovery and functional characterization of microRNAs and their potential roles for gonadal development in spotted knifejaw, <i>Oplegnathus punctatus</i> . Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 28, 1-8.	1.0	2
62	Screening of eye-position related genes with DD-RT-PCR and RDA in the hybrids between Japanese flounder <i>Paralichthys olivaceus</i> and stone flounder <i>Kareius bicoloratus</i> . Chinese Journal of Oceanology and Limnology, 2009, 27, 92-99.	0.7	1
63	Molecular cloning, expression pattern, and 3D structural prediction of the cold inducible RNA-binding protein (CIRP) in Japanese flounder (<i>Paralichthys olivaceus</i>). Journal of Ocean University of China, 2015, 14, 161-170.	1.2	1
64	Functional characterization of the Japanese flounder (<i>Paralichthys olivaceus</i>) Sox2 gene promoter. Fish Physiology and Biochemistry, 2016, 42, 1275-1285.	2.3	1
65	Roles of GATA6 during Gonadal Development in Japanese Flounder: Gonadogenesis, Regulation of Gender-Related Genes, Estrogen Formation and Gonadal Function Maintenance. International Journal of Molecular Sciences, 2017, 18, 160.	4.1	1
66	Analysis of new microsatellite markers developed from reported sequences of Japanese flounder <i>Paralichthys olivaceus</i> . Journal of Ocean University of China, 2010, 9, 365-370.	1.2	0
67	Isolation and characterization of eighteen polymorphic microsatellite markers from the frog flounder, <i>Pleuronichthys cornutus</i> . Conservation Genetics Resources, 2013, 5, 335-337.	0.8	0
68	Isolation and characterization of twenty novel microsatellite markers of Pointhead flounder (<i>Cleisthenes herzensteini</i>). Conservation Genetics Resources, 2013, 5, 137-139.	0.8	0
69	Tumor necrosis factor-alpha (TNF- α) in spotted halibut <i>Verasper variegatus</i> at the embryonic and metamorphic stages. Journal of Oceanology and Limnology, 2020, 38, 454-466.	1.3	0
70	GATA4 Is a Transcriptional Regulator of SOX2 in Japanese Flounder (<i>Paralichthys olivaceus</i>). Journal of Ocean University of China, 2022, 21, 163-170.	1.2	0