

# Xinxin Du

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8583728/publications.pdf>

Version: 2024-02-01

70  
papers

883  
citations

516215

16  
h-index

580395

25  
g-index

71  
all docs

71  
docs citations

71  
times ranked

794  
citing authors

#	ARTICLE	IF	CITATIONS
1	GATA4 Is a Transcriptional Regulator of SOX2 in Japanese Flounder ( <i>Paralichthys olivaceus</i> ). Journal of Ocean University of China, 2022, 21, 163-170.	0.6	0
2	Molecular Mechanism Based on Histopathology, Antioxidant System and Transcriptomic Profiles in Heat Stress Response in the Gills of Japanese Flounder. International Journal of Molecular Sciences, 2022, 23, 3286.	1.8	9
3	Long-term exposure to environmental relevant triclosan induces reproductive toxicity on adult zebrafish and its potential mechanism. Science of the Total Environment, 2022, 826, 154026.	3.9	16
4	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.	0.6	3
5	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. Aquatic Toxicology, 2021, 241, 106005.	1.9	17
6	Tumor necrosis factor-alpha (TNF- $\alpha$ ) in spotted halibut <i>Verasper variegatus</i> at the embryonic and metamorphic stages. Journal of Oceanology and Limnology, 2020, 38, 454-466.	0.6	0
7	Genome-wide identification of nonvisual opsin family reveals amplification of RPE 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.	0.6	6
8	Roles of two <i>cyp11</i> genes in sex hormone biosynthesis in Japanese flounder ( <i>Paralichthys</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	8
9	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.	0.6	3
10	Hypothalamic-Pituitary-Gonadal (HPG) Axis and Transcriptional Regulatory Elements Regulate <i>piwil2</i> Gene Expression During Gametogenesis and Gonadal Development in Japanese Flounder ( <i>Paralichthys</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	3
11	Rapid evolution of piRNA pathway and its transposon targets in Japanese flounder ( <i>Paralichthys</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 100609.	0.4	9
12	Transcriptome Profiling Insights the Feature of Sex Reversal Induced by High Temperature in Tongue Sole <i>Cynoglossus semilaevis</i> . Frontiers in Genetics, 2019, 10, 522.	1.1	34
13	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.	0.4	6
14	A novel C-type lectin from spotted knifejaw, <i>Oplegnathus punctatus</i> possesses antibacterial and anti-inflammatory activity. Fish and Shellfish Immunology, 2019, 92, 11-20.	1.6	16
15	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.	0.4	7
16	A chromosome-level genome of black rockfish, <i>Sebastes schlegelii</i> , provides insights into the evolution of live birth. Molecular Ecology Resources, 2019, 19, 1309-1321.	2.2	44
17	Spotted knifejaw ( <i>Oplegnathus punctatus</i> ) MyD88: Intracellular localization, signal transduction function and immune responses to bacterial infection. Fish and Shellfish Immunology, 2019, 89, 719-726.	1.6	19
18	Roles of <i>piwil1</i> gene in gonad development and gametogenesis in Japanese flounder, <i>Paralichthys olivaceus</i> . Gene, 2019, 701, 104-112.	1.0	11

#	ARTICLE	IF	CITATIONS
19	Two cyp17 genes perform different functions in the sex hormone biosynthesis and gonadal differentiation in Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Gene</i> , 2019, 702, 17-26.	1.0	7
20	<i>Edwardsiella tarda</i> -induced miR-7a functions as a suppressor in PI3K/AKT/GSK3 $\beta$ 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.	1.6	17
21	The evolution and possible role of two Sox8 genes during sex differentiation in Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1731-1745.	0.6	16
22	Molecular characterization, expression and functional analysis of cystatin C in Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Fish and Shellfish Immunology</i> , 2019, 86, 695-701.	1.6	5
23	Klf4 could be activated by Pou5f3/Stat3 to induce the expression of Nanog in Japanese flounder. <i>Gene</i> , 2019, 687, 56-63.	1.0	3
24	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.	1.6	10
25	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.	1.0	19
26	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.	1.0	56
27	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.	1.6	55
28	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.	0.6	16
29	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. <i>Journal of Ocean University of China</i> , 2018, 17, 1441-1450.	0.6	7
30	Novel Functions of Interleukin-1 Beta in Spotted Halibut ( <i>Verasper variegatus</i> ) at Its Embryonic and Metamorphic Stages. <i>Journal of Ocean University of China</i> , 2018, 17, 1197-1208.	0.6	2
31	Discovery and functional characterization of microRNAs and their potential roles for gonadal development in spotted knifejaw, <i>Oplegnathus punctatus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 28, 1-8.	0.4	2
32	miR-1388 regulates the expression of nectin2l in <i>Paralichthys olivaceus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 28, 9-16.	0.4	6
33	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.	1.6	12
34	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.	1.8	14
35	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.	0.7	19
36	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.	0.7	16

#	ARTICLE	IF	CITATIONS
37	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.	1.0	51
38	Characterization and functional analysis of the <i>Paralichthys olivaceus</i> <i>prdm1</i> gene promoter. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 212, 32-40.	0.7	3
39	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.	1.6	38
40	Roles of GATA6 during Gonadal Development in Japanese Flounder: Gonadogenesis, Regulation of Gender-Related Genes, Estrogen Formation and Gonadal Function Maintenance. <i>International Journal of Molecular Sciences</i> , 2017, 18, 160.	1.8	1
41	Evolutionary Conservation of <i>pou5f3</i> 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.	1.8	13
42	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.	0.7	15
43	Transcriptome analysis of the gonads of olive flounder ( <i>Paralichthys olivaceus</i> ). <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1581-1594.	0.9	33
44	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.	0.6	11
45	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.	0.7	16
46	Functional characterization of the Japanese flounder ( <i>Paralichthys olivaceus</i> ) <i>Sox2</i> gene promoter. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1275-1285.	0.9	1
47	Sequences analyses and expression profiles in tissues and embryos of Japanese flounder ( <i>Paralichthys</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547 Td 193, 1-8.	0.9	8
48	Evolution history of duplicated <i>smad3</i> genes in teleost: insights from Japanese flounder, <i>Paralichthys olivaceus</i> . <i>PeerJ</i> , 2016, 4, e2500.	0.9	5
49	Molecular Cloning, Promoter Analysis and Expression Profiles of the <i>sox3</i> Gene in Japanese Flounder, <i>Paralichthys olivaceus</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 27931-27944.	1.8	18
50	Molecular cloning, expression pattern, and 3D structural prediction of the cold inducible RNA-binding protein (CIRP) in Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Journal of Ocean University of China</i> , 2015, 14, 161-170.	0.6	1
51	Identification and Characterization of a PRDM14 Homolog in Japanese Flounder ( <i>Paralichthys</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547 Td 193, 1-8.	1.8	4
52	Locus Number Estimation of MHC Class II B in Stone Flounder and Japanese Flounder. <i>International Journal of Molecular Sciences</i> , 2015, 16, 6000-6017.	1.8	4
53	Identification, molecular characterization and gene expression analysis of <i>sox1a</i> and <i>sox1b</i> genes in Japanese flounder, <i>Paralichthys olivaceus</i> . <i>Gene</i> , 2015, 574, 225-234.	1.0	9
54	Comparative Evolution of Duplicated <i>Ddx3</i> Genes in Teleosts: Insights from Japanese Flounder, <i>Paralichthys olivaceus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1765-1773.	0.8	5

#	ARTICLE	IF	CITATIONS
55	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.	0.8	27
56	Identification and characterization of a Sox2 homolog in the Japanese flounder <i>Paralichthys olivaceus</i> . <i>Gene</i> , 2014, 544, 165-176.	1.0	21
57	Molecular cloning, expression profiles and promoter analysis of insulin-like growth factor binding protein-4 (IGFBP-4) in Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 175, 41-52.	0.7	2
58	Isolation and characterization of eighteen polymorphic microsatellite markers from the frog flounder, <i>Pleuronichthys cornutus</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 335-337.	0.4	0
59	Isolation and characterization of twenty novel microsatellite markers of Pointhead flounder ( <i>Cleisthenes herzensteini</i> ). <i>Conservation Genetics Resources</i> , 2013, 5, 137-139.	0.4	0
60	Identification and characterization of a nanog homolog in Japanese flounder ( <i>Paralichthys</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td	1.0	41
61	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.	0.6	8
62	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> ). <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 1275-1286.	0.7	2
63	Isolation and characterization of 21 novel microsatellite markers from spotted halibut ( <i>Verasper</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 0.9 6	0.9	6
64	Cloning and stage-specific expression of CK-M1 gene during metamorphosis of Japanese flounder, <i>Paralichthys olivaceus</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 558-564.	0.7	2
65	Molecular cloning and expression of PolR2, a novel gene involved in immune response in Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Journal of Ocean University of China</i> , 2010, 9, 59-64.	0.6	4
66	Analysis of new microsatellite markers developed from reported sequences of Japanese flounder <i>Paralichthys olivaceus</i> . <i>Journal of Ocean University of China</i> , 2010, 9, 365-370.	0.6	0
67	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.	1.1	20
68	Sex determination mechanisms in fish. <i>Journal of Ocean University of China</i> , 2009, 8, 155-160.	0.6	8
69	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> . <i>Chinese Journal of Oceanology and Limnology</i> , 2009, 27, 92-99.	0.7	1
70	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.	2.2	20