Deshou Wang

List of Publications by Year
in descending order

137 papers	6,042 citations	70961 41 h-index	82410 72 g-index
139 all docs	139 docs citations	139 times ranked	3155 citing authors

#	Article	IF	Citations
1	Foxl2 Up-Regulates Aromatase Gene Transcription in a Female-Specific Manner by Binding to the Promoter as Well as Interacting with Ad4 Binding Protein/Steroidogenic Factor 1. Molecular Endocrinology, 2007, 21, 712-725.	3.7	430
2	Sexual Dimorphic Expression of Genes in Gonads During Early Differentiation of a Teleost Fish, the Nile Tilapia Oreochromis niloticus1. Biology of Reproduction, 2008, 78, 333-341.	1.2	354
3	A Tandem Duplicate of Anti-MÃ¼llerian Hormone with a Missense SNP on the Y Chromosome Is Essential for Male Sex Determination in Nile Tilapia, Oreochromis niloticus. PLoS Genetics, 2015, 11, e1005678.	1.5	315
4	Characterization of Gonadal Transcriptomes from Nile Tilapia (Oreochromis niloticus) Reveals Differentially Expressed Genes. PLoS ONE, 2013, 8, e63604.	1.1	195
5	Efficient and Heritable Gene Targeting in Tilapia by CRISPR/Cas9. Genetics, 2014, 197, 591-599.	1.2	191
6	Antagonistic Roles of Dmrt1 and Foxl2 in Sex Differentiation via Estrogen Production in Tilapia as Demonstrated by TALENs. Endocrinology, 2013, 154, 4814-4825.	1.4	179
7	Molecular cloning and analysis of gonadal expression of Foxl2 in the medaka, Oryzias latipes. Biochemical and Biophysical Research Communications, 2006, 344, 353-361.	1.0	163
8	The co-existence of two growth hormone receptors in teleost fish and their differential signal transduction, tissue distribution and hormonal regulation of expression in seabream. Journal of Molecular Endocrinology, 2006, 36, 23-40.	1.1	151
9	Doublesex- and Mab-3-Related Transcription Factor-1 Repression of Aromatase Transcription, a Possible Mechanism Favoring the Male Pathway in Tilapia. Endocrinology, 2010, 151, 1331-1340.	1.4	137
10	Discovery of a gonad-specific IGF subtype in teleost. Biochemical and Biophysical Research Communications, 2008, 367, 336-341.	1.0	136
11	A Novel Type of P450c17 Lacking the Lyase Activity Is Responsible for C21-Steroid Biosynthesis in the Fish Ovary and Head Kidney. Endocrinology, 2007, 148, 4282-4291.	1.4	129
12	Molecular cloning and gene expression of Foxl2 in the Nile tilapia, Oreochromis niloticus. Biochemical and Biophysical Research Communications, 2004, 320, 83-89.	1.0	125
13	gsdf is a downstream gene of dmrt1 that functions in the male sex determination pathway of the Nile tilapia. Molecular Reproduction and Development, 2016, 83, 497-508.	1.0	110
14	Transdifferentiation of Differentiated Ovary into Functional Testis by Long-Term Treatment of Aromatase Inhibitor in Nile Tilapia. Endocrinology, 2014, 155, 1476-1488.	1.4	106
15	Screening and characterization of sex-linked DNA markers and marker-assisted selection in the Nile tilapia (Oreochromis niloticus). Aquaculture, 2014, 433, 19-27.	1.7	105
16	Characterization, expression and transcriptional regulation of P450c17-I and -II in the medaka, Oryzias latipes. Biochemical and Biophysical Research Communications, 2007, 362, 619-625.	1.0	91
17	Molecular cloning of doublesex and mab-3-related transcription factor 1, forkhead transcription factor gene 2, and two types of cytochrome P450 aromatase in Southern catfish and their possible roles in sex differentiation. Journal of Endocrinology, 2007, 194, 223-241.	1.2	86
18	Integrated analysis of miRNA and mRNA expression profiles in tilapia gonads at an early stage of sex differentiation. BMC Genomics, 2016, 17, 328.	1.2	86

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19	Roles of estrogens in fish sexual plasticity and sex differentiation. General and Comparative Endocrinology, 2019, 277, 9-16.	0.8	85
20	Mutation of foxl2 or cyp19a1a results in female to male sex reversal in XX Nile tilapia. Endocrinology, 2017, 158, 2634-2647.	1.4	76
21	Insulin-Like Growth Factor 3 Is Involved in Oocyte Maturation in Zebrafish1. Biology of Reproduction, 2011, 84, 476-486.	1.2	73
22	Retinoic acid homeostasis through aldh1a2 and cyp26a1 mediates meiotic entry in Nile tilapia (Oreochromis niloticus). Scientific Reports, 2015, 5, 10131.	1.6	69
23	Genome-Wide Identification and Transcriptome-Based Expression Profiling of the Sox Gene Family in the Nile Tilapia (Oreochromis niloticus). International Journal of Molecular Sciences, 2016, 17, 270.	1.8	68
24	Transcriptome display during tilapia sex determination and differentiation as revealed by RNA-Seq analysis. BMC Genomics, 2018, 19, 363.	1.2	68
25	Haploinsufficiency of SF-1 Causes Female to Male Sex Reversal in Nile Tilapia, Oreochromis niloticus. Endocrinology, 2016, 157, 2500-2514.	1.4	65
26	Isolation of Doublesex- and Mab-3-Related Transcription Factor 6 and Its Involvement in Spermatogenesis in Tilapia1. Biology of Reproduction, 2014, 91, 136.	1.2	64
27	Molecular cloning of DAX1 and SHP cDNAs and their expression patterns in the Nile tilapia, Oreochromis niloticus. Biochemical and Biophysical Research Communications, 2002, 297, 632-640.	1.0	60
28	Dax1 suppressesP450arom expression in medaka ovarian follicles. Molecular Reproduction and Development, 2007, 74, 1239-1246.	1.0	60
29	Insulin-Like Growth Factor 3 Regulates Expression of Genes Encoding Steroidogenic Enzymes and Key Transcription Factors in the Nile Tilapia Gonad1. Biology of Reproduction, 2012, 86, 163, 1-10.	1.2	60
30	Cloning, expression and characterization of three types of 17Î²-hydroxysteroid dehydrogenases from the Nile tilapia, Oreochromis niloticus. Journal of Molecular Endocrinology, 2005, 35, 103-116.	1.1	56
31	Dmrt1 directly regulates the transcription of the testis-biased Sox9b gene in Nile tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Over	1.0	56
32	Isolation, characterization and expression of 11beta-hydroxysteroid dehydrogenase type 2 cDNAs from the testes of Japanese eel (Anguilla japonica) and Nile tilapia (Oreochromis niloticus). Journal of Molecular Endocrinology, 2003, 31, 305-315.	1.1	55
33	Preproinsulin expression, insulin release, and hepatic glucose metabolism after a glucose load in the omnivorous GIFT tilapia Oreochromis niloticus. Aquaculture, 2018, 482, 183-192.	1.7	54
34	Characterization of two paralogous StAR genes in a teleost, Nile tilapia (Oreochromis niloticus). Molecular and Cellular Endocrinology, 2014, 392, 152-162.	1.6	53
35	Characterization, phylogeny, alternative splicing and expression of Sox30 gene. BMC Molecular Biology, 2010, 11, 98.	3.0	51
36	Retinoic acid triggers meiosis initiation via stra8-dependent pathway in Southern catfish, Silurus meridionalis. General and Comparative Endocrinology, 2016, 232, 191-198.	0.8	50

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37	CRISPR/Cas9-induced disruption of wt1a and wt1b reveals their different roles in kidney and gonad development in Nile tilapia. Developmental Biology, 2017, 428, 63-73.	0.9	48
38	Germline sexual fate is determined by the antagonistic action of dmrt1 and foxl3/foxl2 in tilapia. Development (Cambridge), 2021, 148, .	1.2	47
39	R-spondins are involved in the ovarian differentiation in a teleost, medaka (Oryzias latipes). BMC Developmental Biology, 2012, 12, 36.	2.1	46
40	Identification and Evolution of TGF-Î² Signaling Pathway Members in Twenty-Four Animal Species and Expression in Tilapia. International Journal of Molecular Sciences, 2018, 19, 1154.	1.8	44
41	Blockage of androgen and administration of estrogen induce transdifferentiation of testis into ovary. Journal of Endocrinology, 2017, 233, 65-80.	1.2	42
42	Amh regulate female folliculogenesis and fertility in a dose-dependent manner through Amhr2 in Nile tilapia. Molecular and Cellular Endocrinology, 2020, 499, 110593.	1.6	42
43	Highâ€quality chromosomeâ€level genomes of two tilapia species reveal their evolution of repeat sequences and sex chromosomes. Molecular Ecology Resources, 2021, 21, 543-560.	2.2	40
44	Establishment of three estrogen receptors (esr1, esr2a, esr2b) knockout lines for functional study in Nile tilapia. Journal of Steroid Biochemistry and Molecular Biology, 2019, 191, 105379.	1.2	39
45	Molecular cloning of two isoforms of 11Î²-hydroxylase and their expressions in the Nile tilapia, Oreochromis niloticus. General and Comparative Endocrinology, 2010, 165, 34-41.	0.8	38
46	R-spondin1 signaling pathway is required for both the ovarian and testicular development in a teleosts, Nile tilapia (Oreochromis niloticus). General and Comparative Endocrinology, 2016, 230-231, 177-185.	0.8	38
47	Synergistic role of Î²-catenin1 and 2 in ovarian differentiation and maintenance of female pathway in Nile tilapia. Molecular and Cellular Endocrinology, 2016, 427, 33-44.	1.6	36
48	Figla Favors Ovarian Differentiation by Antagonizing Spermatogenesis in a Teleosts, Nile Tilapia (Oreochromis niloticus). PLoS ONE, 2015, 10, e0123900.	1.1	36
49	A Review of Genetic Advances Related to Sex Control andÂManipulation in Tilapia. Journal of the World Aquaculture Society, 2018, 49, 277-291.	1.2	34
50	Ontogenic expression patterns of several nuclear receptors and cytochrome P450 aromatases in brain and gonads of the Nile tilapia Oreochromis niloticus suggests their involvement in sex differentiation. Fish Physiology and Biochemistry, 2005, 31, 129-135.	0.9	33
51	Screening and characterization of sex-linked DNA markers and marker-assisted selection in the Southern catfish (Silurus meridionalis). Aquaculture, 2020, 517, 734783.	1.7	33
52	The presence of two distinct prolactin receptors in seabream with different tissue distribution patterns, signal transduction pathways and regulation of gene expression by steroid hormones. Journal of Endocrinology, 2007, 194, 373-392.	1.2	32
53	Regulation of spermatogenesis and reproductive capacity by Igf3 in tilapia. Cellular and Molecular Life Sciences, 2020, 77, 4921-4938.	2.4	31
54	Loss of Cyp11c1 causes delayed spermatogenesis due to the absence of 11-ketotestosterone. Journal of Endocrinology, 2020, 244, 487-499.	1.2	31

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55	Molecular cloning, gene expression and characterization of the third estrogen receptor of the Nile tilapia, Oreochromis niloticus. Fish Physiology and Biochemistry, 2005, 31, 255-266.	0.9	30
56	Novel 3Î²-hydroxysteroid dehydrogenases from gonads of the Nile tilapia: Phylogenetic significance and expression during reproductive cycle. Molecular and Cellular Endocrinology, 2009, 299, 146-152.	1.6	30
57	Heterozygous mutation of eEF1A1b resulted in spermatogenesis arrest and infertility in male tilapia, Oreochromis niloticus. Scientific Reports, 2017, 7, 43733.	1.6	30
58	Nile Tilapia: A Model for Studying Teleost Color Patterns. Journal of Heredity, 2021, 112, 469-484.	1.0	30
59	Simultaneous exposure to estrogen and androgen resulted in feminization and endocrine disruption. Journal of Endocrinology, 2016, 228, 205-218.	1.2	29
60	Gene editing nuclease and its application in tilapia. Science Bulletin, 2017, 62, 165-173.	4.3	29
61	Genome-wide identification, phylogeny, and gonadal expression of fox genes in Nile tilapia, Oreochromis niloticus. Fish Physiology and Biochemistry, 2014, 40, 1239-52.	0.9	27
62	Temporal and spatial expression of the four Igf ligands and two Igf type 1 receptors in zebrafish during early embryonic development. Gene Expression Patterns, 2014, 15, 104-111.	0.3	27
63	Chromosomeâ€level genome assembly of a cyprinid fish Onychostoma macrolepis by integration of nanopore sequencing, Bionano and Hiâ€C technology. Molecular Ecology Resources, 2020, 20, 1361-1371.	2.2	27
64	Expression of three gonadotropin subunits in Southern catfish gonad and their possible roles during early gonadal development. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, 44-48.	0.8	26
65	Genomic identification, rapid evolution, and expression of Argonaute genes in the tilapia, Oreochromis niloticus. Development Genes and Evolution, 2016, 226, 339-348.	0.4	26
66	Promoter Activity and Chromosomal Location of the Rana rugosa P450 Aromatase (CYP19) Gene. Zoological Science, 2006, 23, 79-85.	0.3	25
67	Blocking of progestin action disrupts spermatogenesis in Nile tilapia (Oreochromis niloticus). Journal of Molecular Endocrinology, 2014, 53, 57-70.	1.1	25
68	Igf3: a novel player in fish reproduction. Biology of Reproduction, 2021, 104, 1194-1204.	1.2	25
69	Nuclear progestin receptor (Pgr) knockouts resulted in subfertility in male tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	24
70	Origin of a Giant Sex Chromosome. Molecular Biology and Evolution, 2021, 38, 1554-1569.	3.5	24
71	Dimorphic expression of tryptophan hydroxylase in the brain of XX and XY Nile tilapia during early development. General and Comparative Endocrinology, 2010, 166, 320-329.	0.8	23
72	Involvement of FGF9/16/20 subfamily in female germ cell development of the Nile tilapia, Oreochromis niloticus. Fish Physiology and Biochemistry, 2012, 38, 1427-1439.	0.9	23

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73	Establishment and growth responses of Nile tilapia embryonic stemâ€like cell lines under feederâ€free condition. Development Growth and Differentiation, 2017, 59, 83-93.	0.6	23
74	Effect of methyl testosterone- and ethynyl estradiol-induced sex differentiation on catfish, Clarias gariepinus: expression profiles of DMRT1, Cytochrome P450aromatases and 3 Î²-hydroxysteroid dehydrogenase. Fish Physiology and Biochemistry, 2005, 31, 143-147.	0.9	22
75	Fusion of piggyBac-like transposons and herpesviruses occurs frequently in teleosts. Zoological Letters, 2018, 4, 6.	0.7	22
76	Characterization of Stra8 in Southern catfish (Silurus meridionalis): evidence for its role in meiotic initiation. BMC Molecular Biology, 2013, 14, 11.	3.0	20
77	High Efficiency Targeting of Non-coding Sequences Using CRISPR/Cas9 System in Tilapia. G3: Genes, Genomes, Genetics, 2019, 9, 287-295.	0.8	20
78	Chromosomeâ€level assembly of southern catfish (silurus meridionalis) provides insights into visual adaptation to nocturnal and benthic lifestyles. Molecular Ecology Resources, 2021, 21, 1575-1592.	2.2	20
79	Cyp17a1 is Required for Female Sex Determination and Male Fertility by Regulating Sex Steroid Biosynthesis in Fish. Endocrinology, 2021, 162, .	1.4	19
80	Roles of anti-MÃ¼llerian hormone and its duplicates in sex determination and germ cell proliferation of Nile tilapia. Genetics, 2022, 220, .	1.2	19
81	Effects of long term antiprogestine mifepristone (RU486) exposure on sexually dimorphic lncRNA expression and gonadal masculinization in Nile tilapia (Oreochromis niloticus). Aquatic Toxicology, 2019, 215, 105289.	1.9	17
82	Homozygous mutation of foxh1 arrests oogenesis causing infertility in female Nile tilapiaâ€. Biology of Reproduction, 2020, 102, 758-769.	1.2	17
83	Role of sex steroids in fish sex determination and differentiation as revealed by gene editing. General and Comparative Endocrinology, 2021, 313, 113893.	0.8	17
84	CRISPR Knockouts of pmela and pmelb Engineered a Golden Tilapia by Regulating Relative Pigment Cell Abundance. Journal of Heredity, 2022, 113, 398-413.	1.0	17
85	Molecular cloning and expression analysis of Foxp3 from Nile tilapia. Veterinary Immunology and Immunopathology, 2013, 155, 48-56.	0.5	16
86	Complete feminization of catfish by feeding Limnodilus, an annelid worm collected in contaminated streams. Environmental Research, 2014, 133, 371-379.	3.7	16
87	Bioinformatic analyses of zona pellucida genes in vertebrates and their expression in Nile tilapia. Fish Physiology and Biochemistry, 2018, 44, 435-449.	0.9	16
88	Screening and characterization of sex-linked DNA markers and marker-assisted selection in blue tilapia (Oreochromis aureus). Aquaculture, 2021, 530, 735934.	1.7	16
89	Characterization of the POU5F1 Homologue in Nile Tilapia: From Expression Pattern to Biological Activity. Stem Cells and Development, 2016, 25, 1386-1395.	1.1	15
90	Identification, Prokaryote Expression of Medaka gdnfa/b and Their Biological Activity in a Spermatogonial Cell Line. Stem Cells and Development, 2017, 26, 197-205.	1.1	14

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91	Transcription of the Sox30 Gene Is Positively Regulated by Dmrt1 in Nile Tilapia. International Journal of Molecular Sciences, 2019, 20, 5487.	1.8	14
92	Identification of sex chromosome and sex-determining gene of southern catfish (Silurus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T Biological Sciences, 2022, 289, 20212645.	1.2	14
93	Mutation of cyp19a1b results in sterile males due to efferent duct obstruction in Nile tilapia. Molecular Reproduction and Development, 2019, 86, 1224-1235.	1.0	13
94	Rln3a is a prerequisite for spermatogenesis and fertility in male fish. Journal of Steroid Biochemistry and Molecular Biology, 2020, 197, 105517.	1.2	13
95	Rbm46, a novel germ cell-specific factor, modulates meiotic progression and spermatogenesis. Biology of Reproduction, 2021, 104, 1139-1153.	1.2	13
96	Liver receptor homologue-1 (LRH-1) activates the promoter of brain aromatase (cyp19a2) in a teleost fish, the medaka, Oryzias latipes. Molecular Reproduction and Development, 2007, 74, 1065-1071.	1.0	12
97	GATA4 is Involved in the Gonadal Development and Maturation of the Teleost Fish Tilapia, <i>Oreochromis niloticus</i>. Journal of Reproduction and Development, 2012, 58, 237-242.	0.5	12
98	Establishment and characterization of an ovarian cell line from Southern catfish (Silurus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (r	0.9	12
99	The cellular protein expression of Foxp3 in lymphoid and non-lymphoid organs of Nile tilapia. Fish and Shellfish Immunology, 2015, 45, 300-306.	1.6	11
100	The role of StAR2 gene in testicular differentiation and spermatogenesis in Nile tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	11
101	Molecular cloning of the three gonadotropin subunits and early expression of FSHÎ² during sex differentiation in the nile tilapia, Oreochromis niloticus. Fish Physiology and Biochemistry, 2003, 28, 143-144.	0.9	10
102	Duplication and distinct expression patterns of two thrombospondin-1 isoforms in teleost fishes. Gene Expression Patterns, 2009, 9, 436-443.	0.3	10
103	Expression Patterns of CREBs in Oocyte Growth and Maturation of Fish. PLoS ONE, 2015, 10, e0145182.	1.1	10
104	Both GfrÎ±1a and GfrÎ±1b Are Involved in the Self-Renewal and Maintenance of Spermatogonial Stem Cells in Medaka. Stem Cells and Development, 2018, 27, 1658-1670.	1.1	10
105	Genome-Wide Identification, Evolution and Expression of the Complete Set of Cytoplasmic Ribosomal Protein Genes in Nile Tilapia. International Journal of Molecular Sciences, 2020, 21, 1230.	1.8	10
106	Production of all male amelanotic red tilapia by combining MAS-GMT and tyrb mutation. Aquaculture, 2022, 546, 737327.	1.7	10
107	Characterization and expression of cDNAs encoding P450c17-II (cyp17a2) in Japanese eel during induced ovarian development. General and Comparative Endocrinology, 2015, 221, 134-143.	0.8	9
108	Blockage of progestin physiology disrupts ovarian differentiation in XX Nile tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	8

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109	A detailed procedure for CRISPR/Cas9-mediated gene editing in tilapia. Hydrobiologia, 2021, 848, 3865-3881.	1.0	8
110	Regulation of Female Folliculogenesis by Tsp1a in Nile Tilapia (Oreochromis niloticus). International Journal of Molecular Sciences, 2020, 21, 5893.	1.8	7
111	Dnmt3aa but Not Dnmt3ab Is Required for Maintenance of Gametogenesis in Nile Tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	7
112	Desert hedgehog mediates the proliferation of medaka spermatogonia through Smoothened signaling. Reproduction, 2022, , .	1.1	7
113	Expression of cytochrome P-450aromatases in the sex-reversed Nile tilapia. Fish Physiology and Biochemistry, 2003, 28, 177-178.	0.9	6
114	cDNA cloning, pituitary location, and extra-pituitary expression of pro-opiomelanocortin gene in rare minnow (Gobiocypris rarus). Fish Physiology and Biochemistry, 2011, 37, 233-247.	0.9	6
115	Genome-wide identification, evolution of chromobox family genes and their expression in Nile tilapia. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 203, 25-34.	0.7	6
116	Leukemia Inhibitory Factor Is Essential for the Self-Renewal of Embryonic Stem Cells from Nile Tilapia (Oreochromis niloticus) Through Stat3 Signaling. Stem Cells and Development, 2018, 27, 123-132.	1.1	6
117	Molecular and metabolic adaption of glucose metabolism in the red and white muscle of the omnivorous GIFT tilapia Oreochromis niloticus to a glucose load. General and Comparative Endocrinology, 2019, 277, 82-89.	0.8	6
118	miR-133b targets tagln2 and functions in tilapia oogenesis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2021, 256, 110637.	0.7	6
119	The transcription factor Sox30 is involved in Nile tilapia spermatogenesis. Journal of Genetics and Genomics, 2022, 49, 666-676.	1.7	6
120	Knockout of Hermansky-Pudlak Syndrome 4 (hps4) leads to silver-white tilapia lacking melanosomes. Aquaculture, 2022, 559, 738420.	1.7	6
121	Comparative transcriptome profiling and characterization of gene expression for ovarian differentiation under RU486 treatment. General and Comparative Endocrinology, 2018, 261, 166-173.	0.8	5
122	Identification, Expression and Evolution of Short-Chain Dehydrogenases/Reductases in Nile Tilapia (Oreochromis niloticus). International Journal of Molecular Sciences, 2021, 22, 4201.	1.8	5
123	A Chromosome-Level Genome Assembly of Mozambique Tilapia (Oreochromis mossambicus) Reveals the Structure of Sex Determining Regions. Frontiers in Genetics, 2021, 12, 796211.	1.1	5
124	Network architecture and sex chromosome turnovers. BioEssays, 2021, 43, 2000161.	1.2	4
125	Differential expression patterns of the two paralogous Rec8 from Nile tilapia and their responsiveness to retinoic acid signaling. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2021, 253, 110563.	0.7	4
126	Cortisol safeguards oogenesis by promoting follicular cell survival. Science China Life Sciences, 2022, 65, 1563-1577.	2.3	4

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127	Molecular cloning and gene expression of the riboflavin-binding protein in the Nile tilapia, Oreochromis niloticus. Fish Physiology and Biochemistry, 2003, 28, 225-226.	0.9	3
128	Steroidogenic shift is a critical event for ovarian follicles to undergo final maturation. Fish Physiology and Biochemistry, 2003, 28, 313-315.	0.9	3
129	Complete mitochondrial genome of Hemiculter tchangi (Cypriniformes, Cyprinidae). Conservation Genetics Resources, 2019, 11, 1-4.	0.4	3
130	Establishment of a stem Leydig cell line capable of 11-ketotestosterone production. Reproduction, Fertility and Development, 2020, 32, 1271.	0.1	3
131	Genome-wide identification, evolution of histone lysine demethylases (KDM) genes and their expression during gonadal development in Nile tilapia. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2022, 257, 110674.	0.7	3
132	Generation of ornamental Nile tilapia with distinct gray and black body color pattern by csf1ra mutation. Aquaculture Reports, 2022, 23, 101077.	0.7	3
133	Duplication and gene expression patterns of Î²-catenin in Nile tilapia. Fish Physiology and Biochemistry, 2018, 44, 651-659.	0.9	2
134	Characterization of nanog in Nile tilapia (Oreochromis niloticus) and its spatiotemporal expression patterns during embryonic and gonadal development. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2022, 259, 110718.	0.7	2
135	Screening and characterization of sex-linked DNA markers in Mozambique tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	2
136	Partial cloning of 17B-HSD1from the Nile tilapia ovary and its expression pattern during spawning cycle. Fish Physiology and Biochemistry, 2003, 28, 381-382.	0.9	1
137	Impute Gene Expression Missing Values via Biological Networks: Optimal Fusion of Data and Knowledge. , 2021, , .		1