

Deshou Wang

List of Publications by Year in descending order

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137
papers

6,042
citations

70961

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all docs

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docs citations

139
times ranked

3155
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of all male amelanotic red tilapia by combining MAS-GMT and tyrb mutation. <i>Aquaculture</i> , 2022, 546, 737327.	1.7	10
2	Genome-wide identification, evolution of histone lysine demethylases (KDM) genes and their expression during gonadal development in Nile tilapia. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 257, 110674.	0.7	3
3	The transcription factor Sox30 is involved in Nile tilapia spermatogenesis. <i>Journal of Genetics and Genomics</i> , 2022, 49, 666-676.	1.7	6
4	Characterization of nanog in Nile tilapia (<i>Oreochromis niloticus</i>) and its spatiotemporal expression patterns during embryonic and gonadal development. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 259, 110718.	0.7	2
5	Desert hedgehog mediates the proliferation of medaka spermatogonia through Smoothed signaling. <i>Reproduction</i> , 2022, , .	1.1	7
6	Cortisol safeguards oogenesis by promoting follicular cell survival. <i>Science China Life Sciences</i> , 2022, 65, 1563-1577.	2.3	4
7	Identification of sex chromosome and sex-determining gene of southern catfish (<i>Silurus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF <i>Biological Sciences</i> , 2022, 289, 20212645.	1.2	14
8	CRISPR Knockouts of <i>pmela</i> and <i>pmelb</i> Engineered a Golden Tilapia by Regulating Relative Pigment Cell Abundance. <i>Journal of Heredity</i> , 2022, 113, 398-413.	1.0	17
9	Generation of ornamental Nile tilapia with distinct gray and black body color pattern by <i>csf1ra</i> mutation. <i>Aquaculture Reports</i> , 2022, 23, 101077.	0.7	3
10	Roles of anti-Müllerian hormone and its duplicates in sex determination and germ cell proliferation of Nile tilapia. <i>Genetics</i> , 2022, 220, .	1.2	19
11	Screening and characterization of sex-linked DNA markers in Mozambique tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF <i>Biological Sciences</i> , 2022, 289, 20212645.	1.7	2
12	Knockout of Hermansky-Pudlak Syndrome 4 (<i>hps4</i>) leads to silver-white tilapia lacking melanosomes. <i>Aquaculture</i> , 2022, 559, 738420.	1.7	6
13	High-quality chromosome-level genomes of two tilapia species reveal their evolution of repeat sequences and sex chromosomes. <i>Molecular Ecology Resources</i> , 2021, 21, 543-560.	2.2	40
14	Screening and characterization of sex-linked DNA markers and marker-assisted selection in blue tilapia (<i>Oreochromis aureus</i>). <i>Aquaculture</i> , 2021, 530, 735934.	1.7	16
15	Network architecture and sex chromosome turnovers. <i>BioEssays</i> , 2021, 43, 2000161.	1.2	4
16	Origin of a Giant Sex Chromosome. <i>Molecular Biology and Evolution</i> , 2021, 38, 1554-1569.	3.5	24
17	Rbm46, a novel germ cell-specific factor, modulates meiotic progression and spermatogenesis. <i>Biology of Reproduction</i> , 2021, 104, 1139-1153.	1.2	13
18	Igf3: a novel player in fish reproduction. <i>Biology of Reproduction</i> , 2021, 104, 1194-1204.	1.2	25

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19	Identification, Expression and Evolution of Short-Chain Dehydrogenases/Reductases in Nile Tilapia (<i>Oreochromis niloticus</i>). <i>International Journal of Molecular Sciences</i> , 2021, 22, 4201.	1.8	5
20	Germline sexual fate is determined by the antagonistic action of <i>dmrt1</i> and <i>foxl3/foxl2</i> in tilapia. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	47
21	Differential expression patterns of the two paralogous <i>Rec8</i> from Nile tilapia and their responsiveness to retinoic acid signaling. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 253, 110563.	0.7	4
22	Nile Tilapia: A Model for Studying Teleost Color Patterns. <i>Journal of Heredity</i> , 2021, 112, 469-484.	1.0	30
23	Chromosome-level assembly of southern catfish (<i>Silurus meridionalis</i>) provides insights into visual adaptation to nocturnal and benthic lifestyles. <i>Molecular Ecology Resources</i> , 2021, 21, 1575-1592.	2.2	20
24	Impute Gene Expression Missing Values via Biological Networks: Optimal Fusion of Data and Knowledge. , 2021, , .		1
25	<i>Cyp17a1</i> is Required for Female Sex Determination and Male Fertility by Regulating Sex Steroid Biosynthesis in Fish. <i>Endocrinology</i> , 2021, 162, .	1.4	19
26	<i>Dnmt3aa</i> but Not <i>Dnmt3ab</i> Is Required for Maintenance of Gametogenesis in Nile Tilapia (<i>Oreochromis</i>) <i>Tj ETQq0 Q 0 rgBT /Overlock 10</i>	1.8	7
27	<i>miR-133b</i> targets <i>tagln2</i> and functions in tilapia oogenesis. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 256, 110637.	0.7	6
28	Role of sex steroids in fish sex determination and differentiation as revealed by gene editing. <i>General and Comparative Endocrinology</i> , 2021, 313, 113893.	0.8	17
29	The role of <i>StAR2</i> gene in testicular differentiation and spermatogenesis in Nile tilapia (<i>Oreochromis</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overdo</i>	1.2	11
30	A detailed procedure for CRISPR/Cas9-mediated gene editing in tilapia. <i>Hydrobiologia</i> , 2021, 848, 3865-3881.	1.0	8
31	A Chromosome-Level Genome Assembly of Mozambique Tilapia (<i>Oreochromis mossambicus</i>) Reveals the Structure of Sex Determining Regions. <i>Frontiers in Genetics</i> , 2021, 12, 796211.	1.1	5
32	<i>Amh</i> regulate female folliculogenesis and fertility in a dose-dependent manner through <i>Amhr2</i> in Nile tilapia. <i>Molecular and Cellular Endocrinology</i> , 2020, 499, 110593.	1.6	42
33	<i>Rln3a</i> is a prerequisite for spermatogenesis and fertility in male fish. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 197, 105517.	1.2	13
34	Homozygous mutation of <i>foxh1</i> arrests oogenesis causing infertility in female Nile tilapia. <i>Biology of Reproduction</i> , 2020, 102, 758-769.	1.2	17
35	Screening and characterization of sex-linked DNA markers and marker-assisted selection in the Southern catfish (<i>Silurus meridionalis</i>). <i>Aquaculture</i> , 2020, 517, 734783.	1.7	33
36	Regulation of Female Folliculogenesis by <i>Tsp1a</i> in Nile Tilapia (<i>Oreochromis niloticus</i>). <i>International Journal of Molecular Sciences</i> , 2020, 21, 5893.	1.8	7

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37	Chromosome-level genome assembly of a cyprinid fish <i>Onychostoma macrolepis</i> by integration of nanopore sequencing, Bionano and Hi-C technology. <i>Molecular Ecology Resources</i> , 2020, 20, 1361-1371.	2.2	27
38	Genome-Wide Identification, Evolution and Expression of the Complete Set of Cytoplasmic Ribosomal Protein Genes in Nile Tilapia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1230.	1.8	10
39	Regulation of spermatogenesis and reproductive capacity by Igf3 in tilapia. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4921-4938.	2.4	31
40	Establishment of a stem Leydig cell line capable of 11-ketotestosterone production. <i>Reproduction, Fertility and Development</i> , 2020, 32, 1271.	0.1	3
41	Loss of <i>Cyp11c1</i> causes delayed spermatogenesis due to the absence of 11-ketotestosterone. <i>Journal of Endocrinology</i> , 2020, 244, 487-499.	1.2	31
42	Mutation of <i>cyp19a1b</i> results in sterile males due to efferent duct obstruction in Nile tilapia. <i>Molecular Reproduction and Development</i> , 2019, 86, 1224-1235.	1.0	13
43	Transcription of the <i>Sox30</i> Gene Is Positively Regulated by <i>Dmrt1</i> in Nile Tilapia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5487.	1.8	14
44	Effects of long term antiprogesterone mifepristone (RU486) exposure on sexually dimorphic lncRNA expression and gonadal masculinization in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquatic Toxicology</i> , 2019, 215, 105289.	1.9	17
45	Establishment of three estrogen receptors (<i>esr1</i> , <i>esr2a</i> , <i>esr2b</i>) knockout lines for functional study in Nile tilapia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 191, 105379.	1.2	39
46	Molecular and metabolic adaption of glucose metabolism in the red and white muscle of the omnivorous GIFT tilapia <i>Oreochromis niloticus</i> to a glucose load. <i>General and Comparative Endocrinology</i> , 2019, 277, 82-89.	0.8	6
47	<i>Dmrt1</i> directly regulates the transcription of the testis-biased <i>Sox9b</i> gene in Nile tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 ggBT /Over	1.0	58
48	High Efficiency Targeting of Non-coding Sequences Using CRISPR/Cas9 System in Tilapia. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 287-295.	0.8	20
49	Roles of estrogens in fish sexual plasticity and sex differentiation. <i>General and Comparative Endocrinology</i> , 2019, 277, 9-16.	0.8	85
50	Complete mitochondrial genome of <i>Hemiculter tchangii</i> (Cypriniformes, Cyprinidae). <i>Conservation Genetics Resources</i> , 2019, 11, 1-4.	0.4	3
51	Comparative transcriptome profiling and characterization of gene expression for ovarian differentiation under RU486 treatment. <i>General and Comparative Endocrinology</i> , 2018, 261, 166-173.	0.8	5
52	Bioinformatic analyses of zona pellucida genes in vertebrates and their expression in Nile tilapia. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 435-449.	0.9	16
53	Duplication and gene expression patterns of β -catenin in Nile tilapia. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 651-659.	0.9	2
54	Fusion of piggyBac-like transposons and herpesviruses occurs frequently in teleosts. <i>Zoological Letters</i> , 2018, 4, 6.	0.7	22

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55	Nuclear progesterin receptor (Pgr) knockouts resulted in subfertility in male tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.2	24
56	Preproinsulin expression, insulin release, and hepatic glucose metabolism after a glucose load in the omnivorous GIFT tilapia <i>Oreochromis niloticus</i> . <i>Aquaculture</i> , 2018, 482, 183-192.	1.7	54
57	A Review of Genetic Advances Related to Sex Control and Manipulation in Tilapia. <i>Journal of the World Aquaculture Society</i> , 2018, 49, 277-291.	1.2	34
58	Leukemia Inhibitory Factor Is Essential for the Self-Renewal of Embryonic Stem Cells from Nile Tilapia (<i>Oreochromis niloticus</i>) Through Stat3 Signaling. <i>Stem Cells and Development</i> , 2018, 27, 123-132.	1.1	6
59	Both Gfr α 1a and Gfr α 1b Are Involved in the Self-Renewal and Maintenance of Spermatogonial Stem Cells in Medaka. <i>Stem Cells and Development</i> , 2018, 27, 1658-1670.	1.1	10
60	Transcriptome display during tilapia sex determination and differentiation as revealed by RNA-Seq analysis. <i>BMC Genomics</i> , 2018, 19, 363.	1.2	68
61	Identification and Evolution of TGF- β Signaling Pathway Members in Twenty-Four Animal Species and Expression in Tilapia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1154.	1.8	44
62	Gene editing nuclease and its application in tilapia. <i>Science Bulletin</i> , 2017, 62, 165-173.	4.3	29
63	Blockage of androgen and administration of estrogen induce transdifferentiation of testis into ovary. <i>Journal of Endocrinology</i> , 2017, 233, 65-80.	1.2	42
64	Establishment and growth responses of Nile tilapia embryonic stem-like cell lines under feeder-free condition. <i>Development Growth and Differentiation</i> , 2017, 59, 83-93.	0.6	23
65	Heterozygous mutation of eEF1A1b resulted in spermatogenesis arrest and infertility in male tilapia, <i>Oreochromis niloticus</i> . <i>Scientific Reports</i> , 2017, 7, 43733.	1.6	30
66	Mutation of foxl2 or cyp19a1a results in female to male sex reversal in XX Nile tilapia. <i>Endocrinology</i> , 2017, 158, 2634-2647.	1.4	76
67	CRISPR/Cas9-induced disruption of wt1a and wt1b reveals their different roles in kidney and gonad development in Nile tilapia. <i>Developmental Biology</i> , 2017, 428, 63-73.	0.9	48
68	Identification, Prokaryote Expression of Medaka gdnfa/b and Their Biological Activity in a Spermatogonial Cell Line. <i>Stem Cells and Development</i> , 2017, 26, 197-205.	1.1	14
69	Genome-wide identification, evolution of chromobox family genes and their expression in Nile tilapia. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 203, 25-34.	0.7	6
70	Genome-Wide Identification and Transcriptome-Based Expression Profiling of the Sox Gene Family in the Nile Tilapia (<i>Oreochromis niloticus</i>). <i>International Journal of Molecular Sciences</i> , 2016, 17, 270.	1.8	68
71	<i>gsdf</i> is a downstream gene of <i>dmrt1</i> that functions in the male sex determination pathway of the Nile tilapia. <i>Molecular Reproduction and Development</i> , 2016, 83, 497-508.	1.0	110
72	Blockage of progesterin physiology disrupts ovarian differentiation in XX Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	8

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73	Integrated analysis of miRNA and mRNA expression profiles in tilapia gonads at an early stage of sex differentiation. <i>BMC Genomics</i> , 2016, 17, 328.	1.2	86
74	Characterization of the POU5F1 Homologue in Nile Tilapia: From Expression Pattern to Biological Activity. <i>Stem Cells and Development</i> , 2016, 25, 1386-1395.	1.1	15
75	Genomic identification, rapid evolution, and expression of Argonaute genes in the tilapia, <i>Oreochromis niloticus</i> . <i>Development Genes and Evolution</i> , 2016, 226, 339-348.	0.4	26
76	Haploinsufficiency of SF-1 Causes Female to Male Sex Reversal in Nile Tilapia, <i>Oreochromis niloticus</i> . <i>Endocrinology</i> , 2016, 157, 2500-2514.	1.4	65
77	R-spondin1 signaling pathway is required for both the ovarian and testicular development in a teleosts, Nile tilapia (<i>Oreochromis niloticus</i>). <i>General and Comparative Endocrinology</i> , 2016, 230-231, 177-185.	0.8	38
78	Simultaneous exposure to estrogen and androgen resulted in feminization and endocrine disruption. <i>Journal of Endocrinology</i> , 2016, 228, 205-218.	1.2	29
79	Synergistic role of β -catenin1 and 2 in ovarian differentiation and maintenance of female pathway in Nile tilapia. <i>Molecular and Cellular Endocrinology</i> , 2016, 427, 33-44.	1.6	36
80	Retinoic acid triggers meiosis initiation via <i>stra8</i> -dependent pathway in Southern catfish, <i>Silurus meridionalis</i> . <i>General and Comparative Endocrinology</i> , 2016, 232, 191-198.	0.8	50
81	A Tandem Duplicate of Anti-Müllerian Hormone with a Missense SNP on the Y Chromosome Is Essential for Male Sex Determination in Nile Tilapia, <i>Oreochromis niloticus</i> . <i>PLoS Genetics</i> , 2015, 11, e1005678.	1.5	315
82	Expression Patterns of CREBs in Oocyte Growth and Maturation of Fish. <i>PLoS ONE</i> , 2015, 10, e0145182.	1.1	10
83	Characterization and expression of cDNAs encoding P450c17-II (<i>cyp17a2</i>) in Japanese eel during induced ovarian development. <i>General and Comparative Endocrinology</i> , 2015, 221, 134-143.	0.8	9
84	The cellular protein expression of Foxp3 in lymphoid and non-lymphoid organs of Nile tilapia. <i>Fish and Shellfish Immunology</i> , 2015, 45, 300-306.	1.6	11
85	Retinoic acid homeostasis through <i>aldh1a2</i> and <i>cyp26a1</i> mediates meiotic entry in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Scientific Reports</i> , 2015, 5, 10131.	1.6	69
86	Figla Favors Ovarian Differentiation by Antagonizing Spermatogenesis in a Teleosts, Nile Tilapia (<i>Oreochromis niloticus</i>). <i>PLoS ONE</i> , 2015, 10, e0123900.	1.1	36
87	Complete feminization of catfish by feeding <i>Limnodilus</i> , an annelid worm collected in contaminated streams. <i>Environmental Research</i> , 2014, 133, 371-379.	3.7	16
88	Efficient and Heritable Gene Targeting in Tilapia by CRISPR/Cas9. <i>Genetics</i> , 2014, 197, 591-599.	1.2	191
89	Transdifferentiation of Differentiated Ovary into Functional Testis by Long-Term Treatment of Aromatase Inhibitor in Nile Tilapia. <i>Endocrinology</i> , 2014, 155, 1476-1488.	1.4	106
90	Isolation of Doublesex- and Mab-3-Related Transcription Factor 6 and Its Involvement in Spermatogenesis in Tilapia. <i>Biology of Reproduction</i> , 2014, 91, 136.	1.2	64

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91	Blocking of progestin action disrupts spermatogenesis in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Journal of Molecular Endocrinology</i> , 2014, 53, 57-70.	1.1	25
92	Genome-wide identification, phylogeny, and gonadal expression of fox genes in Nile tilapia, <i>Oreochromis niloticus</i> . <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1239-52.	0.9	27
93	Establishment and characterization of an ovarian cell line from Southern catfish (<i>Silurus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.9	12
94	Temporal and spatial expression of the four Igf ligands and two Igf type 1 receptors in zebrafish during early embryonic development. <i>Gene Expression Patterns</i> , 2014, 15, 104-111.	0.3	27
95	Screening and characterization of sex-linked DNA markers and marker-assisted selection in the Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2014, 433, 19-27.	1.7	105
96	Characterization of two paralogous StAR genes in a teleost, Nile tilapia (<i>Oreochromis niloticus</i>). <i>Molecular and Cellular Endocrinology</i> , 2014, 392, 152-162.	1.6	53
97	Characterization of Stra8 in Southern catfish (<i>Silurus meridionalis</i>): evidence for its role in meiotic initiation. <i>BMC Molecular Biology</i> , 2013, 14, 11.	3.0	20
98	Antagonistic Roles of Dmrt1 and Foxl2 in Sex Differentiation via Estrogen Production in Tilapia as Demonstrated by TALENs. <i>Endocrinology</i> , 2013, 154, 4814-4825.	1.4	179
99	Molecular cloning and expression analysis of Foxp3 from Nile tilapia. <i>Veterinary Immunology and Immunopathology</i> , 2013, 155, 48-56.	0.5	16
100	Characterization of Gonadal Transcriptomes from Nile Tilapia (<i>Oreochromis niloticus</i>) Reveals Differentially Expressed Genes. <i>PLoS ONE</i> , 2013, 8, e63604.	1.1	195
101	GATA4 is Involved in the Gonadal Development and Maturation of the Teleost Fish Tilapia, <i>Oreochromis niloticus</i> . <i>Journal of Reproduction and Development</i> , 2012, 58, 237-242.	0.5	12
102	Involvement of FGF9/16/20 subfamily in female germ cell development of the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1427-1439.	0.9	23
103	R-spondins are involved in the ovarian differentiation in a teleost, medaka (<i>Oryzias latipes</i>). <i>BMC Developmental Biology</i> , 2012, 12, 36.	2.1	46
104	Insulin-Like Growth Factor 3 Regulates Expression of Genes Encoding Steroidogenic Enzymes and Key Transcription Factors in the Nile Tilapia Gonad1. <i>Biology of Reproduction</i> , 2012, 86, 163, 1-10.	1.2	60
105	cDNA cloning, pituitary location, and extra-pituitary expression of pro-opiomelanocortin gene in rare minnow (<i>Gobiocypris rarus</i>). <i>Fish Physiology and Biochemistry</i> , 2011, 37, 233-247.	0.9	6
106	Insulin-Like Growth Factor 3 Is Involved in Oocyte Maturation in Zebrafish1. <i>Biology of Reproduction</i> , 2011, 84, 476-486.	1.2	73
107	Molecular cloning of two isoforms of 11 β -hydroxylase and their expressions in the Nile tilapia, <i>Oreochromis niloticus</i> . <i>General and Comparative Endocrinology</i> , 2010, 165, 34-41.	0.8	38
108	Dimorphic expression of tryptophan hydroxylase in the brain of XX and XY Nile tilapia during early development. <i>General and Comparative Endocrinology</i> , 2010, 166, 320-329.	0.8	23

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109	Characterization, phylogeny, alternative splicing and expression of Sox30 gene. <i>BMC Molecular Biology</i> , 2010, 11, 98.	3.0	51
110	Doublesex- and Mab-3-Related Transcription Factor-1 Repression of Aromatase Transcription, a Possible Mechanism Favoring the Male Pathway in Tilapia. <i>Endocrinology</i> , 2010, 151, 1331-1340.	1.4	137
111	Duplication and distinct expression patterns of two thrombospondin-1 isoforms in teleost fishes. <i>Gene Expression Patterns</i> , 2009, 9, 436-443.	0.3	10
112	Expression of three gonadotropin subunits in Southern catfish gonad and their possible roles during early gonadal development. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, 44-48.	0.8	26
113	Novel 3 β -hydroxysteroid dehydrogenases from gonads of the Nile tilapia: Phylogenetic significance and expression during reproductive cycle. <i>Molecular and Cellular Endocrinology</i> , 2009, 299, 146-152.	1.6	30
114	Sexual Dimorphic Expression of Genes in Gonads During Early Differentiation of a Teleost Fish, the Nile Tilapia <i>Oreochromis niloticus</i> 1. <i>Biology of Reproduction</i> , 2008, 78, 333-341.	1.2	354
115	Discovery of a gonad-specific IGF subtype in teleost. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 336-341.	1.0	136
116	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. <i>Molecular Endocrinology</i> , 2007, 21, 712-725.	3.7	430
117	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. <i>Journal of Endocrinology</i> , 2007, 194, 373-392.	1.2	32
118	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. <i>Journal of Endocrinology</i> , 2007, 194, 223-241.	1.2	86
119	A Novel Type of P450c17 Lacking the Lyase Activity Is Responsible for C21-Steroid Biosynthesis in the Fish Ovary and Head Kidney. <i>Endocrinology</i> , 2007, 148, 4282-4291.	1.4	129
120	Characterization, expression and transcriptional regulation of P450c17-I and -II in the medaka, <i>Oryzias latipes</i> . <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 619-625.	1.0	91
121	Liver receptor homologue-1 (LRH-1) activates the promoter of brain aromatase (<i>cyp19a2</i>) in a teleost fish, the medaka, <i>Oryzias latipes</i> . <i>Molecular Reproduction and Development</i> , 2007, 74, 1065-1071.	1.0	12
122	Dax1 suppresses P450arom expression in medaka ovarian follicles. <i>Molecular Reproduction and Development</i> , 2007, 74, 1239-1246.	1.0	60
123	Promoter Activity and Chromosomal Location of the <i>Rana rugosa</i> P450 Aromatase (CYP19) Gene. <i>Zoological Science</i> , 2006, 23, 79-85.	0.3	25
124	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. <i>Journal of Molecular Endocrinology</i> , 2006, 36, 23-40.	1.1	151
125	Molecular cloning and analysis of gonadal expression of Foxl2 in the medaka, <i>Oryzias latipes</i> . <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 353-361.	1.0	163
126	Ontogenic expression patterns of several nuclear receptors and cytochrome P450 aromatases in brain and gonads of the Nile tilapia <i>Oreochromis niloticus</i> suggests their involvement in sex differentiation. <i>Fish Physiology and Biochemistry</i> , 2005, 31, 129-135.	0.9	33

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127	Effect of methyl testosterone- and ethynyl estradiol-induced sex differentiation on catfish, <i>Clarias gariepinus</i> : expression profiles of DMRT1, Cytochrome P450aromatases and 3 β -hydroxysteroid dehydrogenase. <i>Fish Physiology and Biochemistry</i> , 2005, 31, 143-147.	0.9	22
128	Molecular cloning, gene expression and characterization of the third estrogen receptor of the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Fish Physiology and Biochemistry</i> , 2005, 31, 255-266.	0.9	30
129	Cloning, expression and characterization of three types of 17 β -hydroxysteroid dehydrogenases from the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Journal of Molecular Endocrinology</i> , 2005, 35, 103-116.	1.1	56
130	Molecular cloning and gene expression of Foxl2 in the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 83-89.	1.0	125
131	Molecular cloning of the three gonadotropin subunits and early expression of FSH β during sex differentiation in the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Fish Physiology and Biochemistry</i> , 2003, 28, 143-144.	0.9	10
132	Expression of cytochrome P-450aromatases in the sex-reversed Nile tilapia. <i>Fish Physiology and Biochemistry</i> , 2003, 28, 177-178.	0.9	6
133	Molecular cloning and gene expression of the riboflavin-binding protein in the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Fish Physiology and Biochemistry</i> , 2003, 28, 225-226.	0.9	3
134	Steroidogenic shift is a critical event for ovarian follicles to undergo final maturation. <i>Fish Physiology and Biochemistry</i> , 2003, 28, 313-315.	0.9	3
135	Partial cloning of 17 β -HSD1 from the Nile tilapia ovary and its expression pattern during spawning cycle. <i>Fish Physiology and Biochemistry</i> , 2003, 28, 381-382.	0.9	1
136	Isolation, characterization and expression of 11 β -hydroxysteroid dehydrogenase type 2 cDNAs from the testes of Japanese eel (<i>Anguilla japonica</i>) and Nile tilapia (<i>Oreochromis niloticus</i>). <i>Journal of Molecular Endocrinology</i> , 2003, 31, 305-315.	1.1	55
137	Molecular cloning of DAX1 and SHP cDNAs and their expression patterns in the Nile tilapia, <i>Oreochromis niloticus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 632-640.	1.0	60