

Yong Zhang

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers

5,035
citations

28
h-index

70
g-index

124
ext. papers

6,368
ext. citations

4.1
avg, IF

5.06
L-index

#	Paper	IF	Citations
122	Development and gene expression analysis of gonad during 17 β methyltestosterone-induced sex reversal in mandarin fish (<i>Siniperca chuatsi</i>). <i>Aquaculture Reports</i> , 2022 , 23, 101049	2.3	1
121	Molecular cloning, expression patterns and functional characterization of Gpr3 in the orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Aquaculture Reports</i> , 2022 , 23, 101050	2.3	
120	<i>Vibrio parahaemolyticus</i> flagellin F (FlaF) induces the inflammatory response of the <i>Tetraodon nigroviridis</i> through the TLR5M. <i>Aquaculture</i> , 2022 , 555, 738140	4.4	
119	Estrogen receptor-related receptors in mandarin fish (<i>Siniperca chuatsi</i>): Molecular cloning, characterization, and estrogen responsiveness. <i>Aquaculture Reports</i> , 2022 , 24, 101137	2.3	0
118	Comparative Metabolomics and Proteomics Reveal Targets Hypoxia-Related Signaling Pathways of .. <i>Frontiers in Immunology</i> , 2021 , 12, 825358	8.4	0
117	The flagellin of <i>Vibrio parahaemolyticus</i> induces the inflammatory response of <i>Tetraodon nigroviridis</i> through TLR5M. <i>Fish and Shellfish Immunology</i> , 2021 , 120, 102-110	4.3	1
116	A simple PCR-based genetic sex identification method in the blotched snakehead (<i>Channa maculata</i>) developed by high-throughput sequencing. <i>Aquaculture</i> , 2021 , 538, 736579	4.4	5
115	Probiotics Improve Eating Disorders in Mandarin Fish () Induced by a Pellet Feed Diet via Stimulating Immunity and Regulating Gut Microbiota. <i>Microorganisms</i> , 2021 , 9,	4.9	5
114	Cloning, pattern of gonadal soma-derived factor mRNA in the orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Aquaculture Reports</i> , 2021 , 20, 100754	2.3	
113	23S rRNA from <i>Vibrio parahaemolyticus</i> regulates the innate immune response via recognition by TLR13 in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Developmental and Comparative Immunology</i> , 2021 , 114, 103837	3.2	1
112	Production of neo-male mandarin fish <i>Siniperca chuatsi</i> by masculinization with orally administered 17 β methyltestosterone. <i>Aquaculture</i> , 2021 , 530, 735904	4.4	9
111	Physical interactions facilitate sex change in the protogynous orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Journal of Fish Biology</i> , 2021 , 98, 1308-1320	1.9	4
110	Identification of potential sex-related genes in <i>Siniperca chuatsi</i> . <i>Journal of Oceanology and Limnology</i> , 2021 , 39, 1500	1.5	4
109	Knockout of <i>tac3</i> genes in zebrafish shows no impairment of reproduction. <i>General and Comparative Endocrinology</i> , 2021 , 311, 113839	3	1
108	Efficient RNA Virus Targeting via CRISPR/CasRx in Fish. <i>Journal of Virology</i> , 2021 , 95, e0046121	6.6	1
107	Promotion of pellet-feed feeding in mandarin fish (<i>Siniperca chuatsi</i>) by <i>Bdellovibrio bacteriovorus</i> is influenced by immune and intestinal flora. <i>Aquaculture</i> , 2021 , 542, 736864	4.4	2
106	Characterization of <i>dmrts</i> and their potential role in gonadal development of mandarin fish (<i>Siniperca chuatsi</i>). <i>Aquaculture Reports</i> , 2021 , 21, 100802	2.3	3

105	Molecular cloning and characterization of estrogen and androgen receptors in Mandarin fish, <i>Siniperca chuatsi</i> . <i>Aquaculture Reports</i> , 2021 , 21, 100834	2.3	0
104	MicroRNA-29b modulates the innate immune response by suppressing IFN β production in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Fish and Shellfish Immunology</i> , 2020 , 104, 537-544	4.3	1
103	Natural sex change in mature protogynous orange-spotted grouper (<i>Epinephelus coioides</i>): gonadal restructuring, sex hormone shifts and gene profiles. <i>Journal of Fish Biology</i> , 2020 , 97, 785-793	1.9	4
102	Beta-Hydroxysteroid Dehydrogenase Genes in Orange-Spotted Grouper (<i>E</i>): Genome-Wide Identification and Expression Analysis During Sex Reversal. <i>Frontiers in Genetics</i> , 2020 , 11, 161	4.5	7
101	Induction of oocyte maturation and changes in the biochemical composition, physiology and molecular biology of oocytes during maturation and hydration in the orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Aquaculture</i> , 2020 , 522, 735115	4.4	1
100	The Administration of Cortisol Induces Female-to-Male Sex Change in the Protogynous Orange-Spotted Grouper, <i>Frontiers in Endocrinology</i> , 2020 , 11, 12	5.7	7
99	Molecular characterization and functional analysis of IKK α in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Fish and Shellfish Immunology</i> , 2020 , 101, 159-167	4.3	3
98	A PCR-based genetic sex identification method in spotted mandarin fish (<i>Siniperca scherzeri</i>) and big eye mandarin fish (<i>Siniperca kneri</i>). <i>Aquaculture Reports</i> , 2020 , 18, 100552	2.3	1
97	Screening and characterization of sex-specific markers developed by a simple NGS method in mandarin fish (<i>Siniperca chuatsi</i>). <i>Aquaculture</i> , 2020 , 527, 735495	4.4	15
96	An estradiol-17 β miRNA-26a/cyp19a1a regulatory feedback loop in the protogynous hermaphroditic fish, <i>Epinephelus coioides</i> . <i>Molecular and Cellular Endocrinology</i> , 2020 , 504, 110689	4.4	11
95	Retinoic acid and androgen influence germ cells development and meiotic initiation in juvenile orange-spotted grouper, <i>Epinephelus coioides</i> . <i>General and Comparative Endocrinology</i> , 2020 , 289, 113379	3.9	1
94	Whole Genome Sequencing of the Giant Grouper (<i>E</i>) and High-Throughput Screening of Putative Antimicrobial Peptide Genes. <i>Marine Drugs</i> , 2019 , 17,	6	10
93	Socially controlled male-to-female sex reversal in the protogynous orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Journal of Fish Biology</i> , 2019 , 94, 414-421	1.9	13
92	Transcriptomic Analysis Revealed the Regulatory Mechanisms of Oocyte Maturation and Hydration in Orange-Spotted Grouper (<i>Epinephelus coioides</i>). <i>Marine Biotechnology</i> , 2019 , 21, 537-549	3.4	4
91	A chromosome-level genome assembly of the giant grouper (<i>Epinephelus lanceolatus</i>) provides insights into its innate immunity and rapid growth. <i>Molecular Ecology Resources</i> , 2019 , 19, 1322-1332	8.4	17
90	NKB/NK3 system negatively regulates the reproductive axis in sexually immature goldfish (<i>Carassius auratus</i>). <i>General and Comparative Endocrinology</i> , 2019 , 281, 126-136	3	5
89	New Insights Into the Role of Follicle-Stimulating Hormone in Sex Differentiation of the Protogynous Orange-Spotted Grouper, <i>Frontiers in Endocrinology</i> , 2019 , 10, 304	5.7	6
88	<i>Vibrio parahaemolyticus</i> flagellin induces cytokines expression via toll-like receptor 5 pathway in orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 87, 573-581	4.3	18

87	De novo assembly of a chromosome-level reference genome of red-spotted grouper (<i>Epinephelus akaara</i>) using nanopore sequencing and Hi-C. <i>Molecular Ecology Resources</i> , 2019 , 19, 1461-1469	8.4	26
86	MicroRNA-182-3p negatively regulates cytokines expression by targeting TLR5M in orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 93, 589-596	4.3	7
85	An SNP-Based Genetic Map and QTL Mapping for Growth Traits in the Red-Spotted Grouper (). <i>Genes</i> , 2019 , 10,	4.2	5
84	Estradiol-17 β regulates the expression of insulin-like growth factors 1 and 2 via estradiol receptors in spotted scat (<i>Scatophagus argus</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019 , 237, 110328	2.3	5
83	Characterization, evolution, and expression analysis of TLR7 gene subfamily members in <i>Mastacembelus armatus</i> (Synbranchiformes: Mastacembelidae). <i>Developmental and Comparative Immunology</i> , 2019 , 95, 77-88	3.2	4
82	Transcriptome analysis of the spleen provides insight into the immunoregulation of <i>Mastacembelus armatus</i> under <i>Aeromonas veronii</i> infection. <i>Fish and Shellfish Immunology</i> , 2019 , 88, 272-283	4.3	9
81	Expression profiles of dmrts and foxls during gonadal development and sex reversal induced by 17 β methyltestosterone in the orange-spotted grouper. <i>General and Comparative Endocrinology</i> , 2019 , 274, 26-36	3	15
80	Comparative transcriptome analysis of diploid and triploid hybrid groupers (<i>Epinephelus coioides</i> ? <i>E. lanceolatus</i> ?) reveals the mechanism of abnormal gonadal development in triploid hybrids. <i>Genomics</i> , 2019 , 111, 251-259	4.3	4
79	Identification and functional characterization of two Secretogranin II genes in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>General and Comparative Endocrinology</i> , 2018 , 261, 115-126	3	8
78	Neurokinin B signaling in hermaphroditic species, a study of the orange-spotted grouper (<i>Epinephelus coioides</i>). <i>General and Comparative Endocrinology</i> , 2018 , 260, 125-135	3	13
77	Comparison of Gonadal Development in Diploid and Triploid Hybrid Groupers, <i>Epinephelus coioides</i> ? <i>Epinephelus lanceolatus</i> ?. <i>Journal of the World Aquaculture Society</i> , 2018 , 49, 328-337	2.5	4
76	Identification and functional characterization of Toll-like receptor 13 from orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Fish and Shellfish Immunology</i> , 2018 , 74, 309-317	4.3	17
75	SOAPnuke: a MapReduce acceleration-supported software for integrated quality control and preprocessing of high-throughput sequencing data. <i>GigaScience</i> , 2018 , 7, 1-6	7.6	473
74	Molecular identification of the Dyn/Kor system and its potential role in the reproductive axis of goldfish. <i>General and Comparative Endocrinology</i> , 2018 , 257, 29-37	3	8
73	Two Distinct Interferon- γ in the Orange-Spotted Grouper (): Molecular Cloning, Functional Characterization, and Regulation in Toll-Like Receptor Pathway by Induction of miR-146a. <i>Frontiers in Endocrinology</i> , 2018 , 9, 41	5.7	9
72	Female-to-male sex reversal in orange-spotted grouper (<i>Epinephelus coioides</i>) caused by overexpressing of Amh in vivo. <i>Biology of Reproduction</i> , 2018 , 99, 1205-1215	3.9	15
71	Phoenixin participated in regulation of food intake and growth in spotted scat, <i>Scatophagus argus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018 , 226, 36-44	2.3	18
70	Cloning, expression and functional characterization of a novel luteinizing hormone receptor in the orange-spotted grouper, <i>Epinephelus coioides</i> . <i>General and Comparative Endocrinology</i> , 2018 , 267, 90-97 ³		5

69	Intracellular TLR22 acts as an inflammation equalizer via suppression of NF- κ B and selective activation of MAPK pathway in fish. <i>Fish and Shellfish Immunology</i> , 2018 , 72, 646-657	4.3	22
68	MT-Feeding-Induced Impermanent Sex Reversal in the Orange-Spotted Grouper during Sex Differentiation. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
67	Copy Number Variations in Tilapia Genomes. <i>Marine Biotechnology</i> , 2017 , 19, 11-21	3.4	3
66	Genetic Evidence for Multifactorial Control of the Reproductive Axis in Zebrafish. <i>Endocrinology</i> , 2017 , 158, 604-611	4.8	51
65	The complete mitochondrial genome of the hybrid grouper ?? with phylogenetic consideration. <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 31-32	0.5	5
64	Leptin Stimulates Prolactin mRNA Expression in the Goldfish Pituitary through a Combination of the PI3K/Akt/mTOR, MKK/pMAPK and MEK/ERK Signalling Pathways. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	9
63	Molecular regulation of sex change induced by methyltestosterone -feeding and methyltestosterone -feeding withdrawal in the protogynous orange-spotted grouper. <i>Biology of Reproduction</i> , 2017 , 97, 324-333	3.9	32
62	The complete mitochondrial genome of the hybrid grouper ([]) with phylogenetic consideration. <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 171-172	0.5	6
61	The next-generation sequencing reveals the complete mitochondrial genome of (Perciformes: Clupeidae) with phylogenetic consideration. <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 304-306	0.5	2
60	Spexin Suppress Food Intake in Zebrafish: Evidence from Gene Knockout Study. <i>Scientific Reports</i> , 2017 , 7, 14643	4.9	37
59	The complete mitochondrial genome of the Epinephelus corallicola (Perciformes: Serranidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 3971-3972	1.3	1
58	The complete mitochondrial genome of the hybrid grouper Epinephelus coioides? [Epinephelus lanceolatus?]. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4181-4182	1.3	3
57	Gene knockout of nuclear progesterone receptor provides insights into the regulation of ovulation by LH signaling in zebrafish. <i>Scientific Reports</i> , 2016 , 6, 28545	4.9	36
56	Microsatellite analysis of the genetic relationships between wild and cultivated giant grouper in the South China Sea. <i>Journal of Genetics</i> , 2016 , 95, 369-76	1.2	1
55	Formation of diploid and triploid hybrid groupers (hybridization of Epinephelus coioides ? [Epinephelus lanceolatus ?) and their 5S gene analysis. <i>BMC Genetics</i> , 2016 , 17, 136	2.6	3
54	The complete mitochondrial genome of the Platax teira (Osteichthyes: Ephippidae). <i>Mitochondrial DNA</i> , 2016 , 27, 796-7		3
53	The complete mitochondrial genome of the Hemibagrus wyckioides (Siluriformes, Bagridae). <i>Mitochondrial DNA</i> , 2016 , 27, 766-8		12
52	Characterization of triploid hybrid groupers from interspecies hybridization (Epinephelus coioides ? [Epinephelus lanceolatus ?). <i>Aquaculture Research</i> , 2016 , 47, 2195-2204	1.9	16

51	Two distinct interferon- β genes in <i>Tetraodon nigroviridis</i> : Functional analysis during <i>Vibrio parahaemolyticus</i> infection. <i>Molecular Immunology</i> , 2016 , 70, 34-46	4.3	20
50	The complete mitochondrial genome of the <i>Pampus nozawae</i> (Perciformes: Stromateidae). <i>Mitochondrial DNA</i> , 2016 , 27, 988-9		1
49	The complete mitochondrial genome of the <i>Hemibarbus medius</i> (Cypriniformes, Cyprinidae). <i>Mitochondrial DNA</i> , 2016 , 27, 1070-2		12
48	The complete mitochondrial genome of the <i>Epinephelus fuscoguttatus</i> (Perciformes: Serranidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4110-4111	1.3	1
47	The complete mitochondrial genome of the <i>Siganus canaliculatus</i> (Perciformes: Siganidae). <i>Mitochondrial DNA</i> , 2016 , 27, 1111-2		
46	The complete mitochondrial genome of the orange-spotted grouper <i>Epinephelus coioides</i> (Perciformes, Serranidae). <i>Mitochondrial DNA</i> , 2016 , 27, 1674-6		6
45	The complete mitochondrial genome of the <i>Epinephelus lanceolatus</i> (Perciformes: Serranidae). <i>Mitochondrial DNA</i> , 2016 , 27, 1738-9		2
44	The complete mitochondrial genome of the <i>Rhabdosargus sarba</i> (Perciformes: Sparidae). <i>Mitochondrial DNA</i> , 2016 , 27, 1606-7		7
43	The complete mitochondrial genome of the <i>Drepane punctata</i> (Perciformes: Drepanidae). <i>Mitochondrial DNA</i> , 2016 , 27, 1625-6		
42	The complete mitochondrial genome of the <i>Epinephelus moara</i> (Osteichthyes: Ehippidae). <i>Mitochondrial DNA</i> , 2016 , 27, 2174-5		1
41	The complete mitochondrial genome of the <i>Epinephelus akaara</i> (Perciformes: Serranidae). <i>Mitochondrial DNA</i> , 2016 , 27, 1890-1		2
40	Comparative Transcriptomic Study of Muscle Provides New Insights into the Growth Superiority of a Novel Grouper Hybrid. <i>PLoS ONE</i> , 2016 , 11, e0168802	3.7	27
39	Genome-Wide Mapping of Growth-Related Quantitative Trait Loci in Orange-Spotted Grouper (<i>Epinephelus coioides</i>) Using Double Digest Restriction-Site Associated DNA Sequencing (ddRADseq). <i>International Journal of Molecular Sciences</i> , 2016 , 17, 501	6.3	21
38	The complete mitochondrial genome of <i>Epinephelus awoara</i> (Perciformes: Epinephelus) with phylogenetic consideration. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4286-4287	1.3	1
37	The complete mitochondrial genome of the hybrid grouper with phylogenetic consideration. <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 584-585	0.5	3
36	Molecular cloning and functional characterization of spexin in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016 , 196-197, 85-91	2.3	29
35	Transcriptome analysis reveals the molecular mechanisms underlying growth superiority in a novel grouper hybrid (<i>Epinephelus fuscoguttatus</i> ? <i>E. lanceolatus</i> ?). <i>BMC Genetics</i> , 2016 , 17, 24	2.6	60
34	<i>Tetraodon nigroviridis</i> : A model of <i>Vibrio parahaemolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , 2016 , 56, 388-396	4.3	10

33	Goldfish neurokinin B: Cloning, tissue distribution, and potential role in regulating reproduction. <i>General and Comparative Endocrinology</i> , 2015 , 221, 267-77	3	21
32	Wnt4 in protogynous hermaphroditic orange-spotted grouper (<i>Epinephelus coioides</i>): identification and expression. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015 , 183, 67-74	2.3	12
31	The complete mitochondrial genome of the <i>Trachinotus ovatus</i> (Teleostei, Carangidae). <i>Mitochondrial DNA</i> , 2015 , 26, 644-6		29
30	The draft genome of the grass carp (<i>Ctenopharyngodon idellus</i>) provides insights into its evolution and vegetarian adaptation. <i>Nature Genetics</i> , 2015 , 47, 625-31	36.3	263
29	Molecular identification of GnIH/GnIHR signal and its reproductive function in protogynous hermaphroditic orange-spotted grouper (<i>Epinephelus coioides</i>). <i>General and Comparative Endocrinology</i> , 2015 , 216, 9-23	3	52
28	The kiss/kissr systems are dispensable for zebrafish reproduction: evidence from gene knockout studies. <i>Endocrinology</i> , 2015 , 156, 589-99	4.8	119
27	Signatures of selection in tilapia revealed by whole genome resequencing. <i>Scientific Reports</i> , 2015 , 5, 14168	4.9	47
26	Molecular cloning of the insulin-like growth factor 3 and difference in the expression of igf genes in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015 , 186, 68-75	2.3	14
25	Two IFNGR1 homologues in <i>Tetraodon nigroviridis</i> : Origin, expression analysis and ligand-binding preference. <i>Developmental and Comparative Immunology</i> , 2014 , 44, 270-9	3.2	9
24	Mudskipper genomes provide insights into the terrestrial adaptation of amphibious fishes. <i>Nature Communications</i> , 2014 , 5, 5594	17.4	89
23	Polymorphisms of leptin-b gene associated with growth traits in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>International Journal of Molecular Sciences</i> , 2014 , 15, 11996-2006	6.3	10
22	A novel neuropeptide in suppressing luteinizing hormone release in goldfish, <i>Carassius auratus</i> . <i>Molecular and Cellular Endocrinology</i> , 2013 , 374, 65-72	4.4	60
21	Evidences for the regulation of GnRH and GTH expression by GnIH in the goldfish, <i>Carassius auratus</i> . <i>Molecular and Cellular Endocrinology</i> , 2013 , 366, 9-20	4.4	75
20	Construction of high-density genetic linkage maps for orange-spotted grouper <i>Epinephelus coioides</i> using multiplexed shotgun genotyping. <i>BMC Genetics</i> , 2013 , 14, 113	2.6	35
19	Day-night and reproductive cycle profiles of melatonin receptor, kiss, and gnRH expression in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Molecular Reproduction and Development</i> , 2013 , 80, 535-48	2.6	25
18	Molecular cloning, characterization and expression profiles of multiple leptin genes and a leptin receptor gene in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>General and Comparative Endocrinology</i> , 2013 , 181, 295-305	3	76
17	Identification and characterization of a motilin-like peptide and its receptor in teleost. <i>General and Comparative Endocrinology</i> , 2013 , 186, 85-93	3	16
16	Single nucleotide polymorphisms in the leptin-a gene and associations with growth traits in the orange-spotted grouper (<i>Epinephelus coioides</i>). <i>International Journal of Molecular Sciences</i> , 2013 , 14, 8625-37	6.3	8

15	Sexual dimorphism of steroidogenesis regulated by GnIH in the goldfish, <i>Carassius auratus</i> . <i>Biology of Reproduction</i> , 2013 , 88, 89	3.9	33
14	Orange-spotted grouper (<i>Epinephelus coioides</i>) toll-like receptor 22: molecular characterization, expression pattern and pertinent signaling pathways. <i>Fish and Shellfish Immunology</i> , 2012 , 33, 494-503	4.3	56
13	The evolution of tachykinin/tachykinin receptor (TAC/TACR) in vertebrates and molecular identification of the TAC3/TACR3 system in zebrafish (<i>Danio rerio</i>). <i>Molecular and Cellular Endocrinology</i> , 2012 , 361, 202-12	4.4	33
12	Molecular cloning, characterization and expression profiles of three estrogen receptors in protogynous hermaphroditic orange-spotted grouper (<i>Epinephelus coioides</i>). <i>General and Comparative Endocrinology</i> , 2011 , 172, 371-81	3	31
11	Expression profiles of gonadotropins and their receptors during 17 β -methyltestosterone implantation-induced sex change in the orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Molecular Reproduction and Development</i> , 2011 , 78, 376-90	2.6	15
10	Genetic diversity and differentiation of the orange-spotted grouper (<i>Epinephelus coioides</i>) between and within cultured stocks and wild populations inferred from microsatellite DNA analysis. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 4378-94	6.3	28
9	Molecular identification of the Kiss2/Kiss1ra system and its potential function during 17 α -methyltestosterone-induced sex reversal in the orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Biology of Reproduction</i> , 2010 , 83, 63-74	3.9	82
8	Structural diversity of the GnIH/GnIH receptor system in teleost: its involvement in early development and the negative control of LH release. <i>Peptides</i> , 2010 , 31, 1034-43	3.8	128
7	Discovery of four estrogen receptors and their expression profiles during testis recrudescence in male <i>Spinibarbus denticulatus</i> . <i>General and Comparative Endocrinology</i> , 2008 , 156, 265-76	3	29
6	Interleukin-1beta gene in orange-spotted grouper, <i>Epinephelus coioides</i> : molecular cloning, expression, biological activities and signal transduction. <i>Molecular Immunology</i> , 2008 , 45, 857-67	4.3	55
5	Two alternatively spliced GPR39 transcripts in seabream: molecular cloning, genomic organization, and regulation of gene expression by metabolic signals. <i>Journal of Endocrinology</i> , 2008 , 199, 457-70	4.7	10
4	The mRNA expression of P450 aromatase, gonadotropin beta-subunits and FTZ-F1 in the orange-spotted grouper (<i>Epinephelus Coioides</i>) during 17 α -methyltestosterone-induced precocious sex change. <i>Molecular Reproduction and Development</i> , 2007 , 74, 665-73	2.6	51
3	WEGO: a web tool for plotting GO annotations. <i>Nucleic Acids Research</i> , 2006 , 34, W293-7	20.1	2180
2	Gonadal development, aromatase activity and P450 aromatase gene expression during sex inversion of protogynous red-spotted grouper <i>Epinephelus akaara</i> (Temminck and Schlegel) after implantation of the aromatase inhibitor, fadrozole. <i>Aquaculture Research</i> , 2006 , 37, 484-491	1.9	24
1	Two distinct cytochrome P450 aromatases in the orange-spotted grouper (<i>Epinephelus coioides</i>): cDNA cloning and differential mRNA expression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004 , 92, 39-50	5.1	59