

# Yong Zhang

## List of Publications by Year in descending order

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124  
papers

7,182  
citations

147726

31  
h-index

62565

80  
g-index

124  
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124  
docs citations

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times ranked

8595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutation of <i>spexin2</i> promotes feeding, somatic growth, adiposity, and insulin resistance in zebrafish. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 322, R454-R465.	0.9	3
2	Development and gene expression analysis of gonad during 17 $\beta$ -methyltestosterone-induced sex reversal in mandarin fish ( <i>Siniperca chuatsi</i> ). <i>Aquaculture Reports</i> , 2022, 23, 101049.	0.7	7
3	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.	0.7	2
4	<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.	1.7	2
5	Estrogen receptor-related receptors in mandarin fish ( <i>Siniperca chuatsi</i> ): Molecular cloning, characterization, and estrogen responsiveness. <i>Aquaculture Reports</i> , 2022, 24, 101137.	0.7	2
6	Chromosome-Level Genome Assembly and Transcriptome Comparison Analysis of <i>Cephalopholis sonnerati</i> and Its Related Grouper Species. <i>Biology</i> , 2022, 11, 1053.	1.3	4
7	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.	1.0	7
8	Production of neo-male mandarin fish <i>Siniperca chuatsi</i> by masculinization with orally administered 17 $\beta$ -methyltestosterone. <i>Aquaculture</i> , 2021, 530, 735904.	1.7	15
9	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.	0.7	7
10	Identification of potential sex-related genes in <i>Siniperca chuatsi</i> . <i>Journal of Oceanology and Limnology</i> , 2021, 39, 1500-1512.	0.6	9
11	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.	1.7	7
12	Probiotics Improve Eating Disorders in Mandarin Fish ( <i>Siniperca chuatsi</i> ) Induced by a Pellet Feed Diet via Stimulating Immunity and Regulating Gut Microbiota. <i>Microorganisms</i> , 2021, 9, 1288.	1.6	23
13	Cloning, pattern of gonadal soma-derived factor mRNA in the orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Aquaculture Reports</i> , 2021, 20, 100754.	0.7	0
14	Knockout of <i>tac3</i> genes in zebrafish shows no impairment of reproduction. <i>General and Comparative Endocrinology</i> , 2021, 311, 113839.	0.8	6
15	Efficient RNA Virus Targeting via CRISPR/CasRx in Fish. <i>Journal of Virology</i> , 2021, 95, e0046121.	1.5	11
16	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.	1.7	15
17	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.	0.7	11
18	Molecular cloning and characterization of estrogen and androgen receptors in Mandarin fish, <i>Siniperca chuatsi</i> . <i>Aquaculture Reports</i> , 2021, 21, 100834.	0.7	1

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19	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.	1.6	6
20	Comparative Metabolomics and Proteomics Reveal <i>Vibrio parahaemolyticus</i> Targets Hypoxia-Related Signaling Pathways of <i>Takifugu obscurus</i> . <i>Frontiers in Immunology</i> , 2021, 12, 825358.	2.2	7
21	An estradiol-17 $\beta$ /miRNA-26a/cyp19a1a regulatory feedback loop in the protogynous hermaphroditic fish, <i>Epinephelus coioides</i> . <i>Molecular and Cellular Endocrinology</i> , 2020, 504, 110689.	1.6	15
22	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.	0.8	4
23	MicroRNA-29b modulates the innate immune response by suppressing IFN $\gamma$ s production in orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>Fish and Shellfish Immunology</i> , 2020, 104, 537-544.	1.6	4
24	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.	0.7	11
25	Beta-Hydroxysteroid Dehydrogenase Genes in Orange-Spotted Grouper ( <i>Epinephelus coioides</i> ): Genome-Wide Identification and Expression Analysis During Sex Reversal. <i>Frontiers in Genetics</i> , 2020, 11, 161.	1.1	15
26	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.	1.7	9
27	The Administration of Cortisol Induces Female-to-Male Sex Change in the Protogynous Orange-Spotted Grouper, <i>Epinephelus coioides</i> . <i>Frontiers in Endocrinology</i> , 2020, 11, 12.	1.5	11
28	Molecular characterization and functional analysis of IKK $\alpha$ in orange-spotted grouper ( <i>Epinephelus</i> ) Tj ETQq0 0 0 9.6 / Overlock 10 Tf 5	1.6	9
29	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.	0.7	3
30	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.	1.7	31
31	De novo assembly of a chromosome-level reference genome of red-spotted grouper ( <i>Epinephelus</i> ) Tj ETQq1 1 0.784314 rgBT / 48	2.2	14
32	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.	1.6	13
33	An SNP-Based Genetic Map and QTL Mapping for Growth Traits in the Red-Spotted Grouper ( <i>Epinephelus</i> ) Tj ETQq1 1 0.784314 rgBT / 10	1.0	10
34	Estradiol-17 $\beta$ 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.	0.7	8
35	Whole Genome Sequencing of the Giant Grouper ( <i>Epinephelus lanceolatus</i> ) and High-Throughput Screening of Putative Antimicrobial Peptide Genes. <i>Marine Drugs</i> , 2019, 17, 503.	2.2	25
36	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.	0.7	20

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37	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.	1.1	11
38	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.	2.2	39
39	NKB/NK3 system negatively regulates the reproductive axis in sexually immature goldfish ( <i>Carassius auratus</i> ). <i>Journal of Heredity</i> , 2019, 110, 108-114.	0.8	11
40	New Insights Into the Role of Follicle-Stimulating Hormone in Sex Differentiation of the Protogynous Orange-Spotted Grouper, <i>Epinephelus coioides</i> . <i>Frontiers in Endocrinology</i> , 2019, 10, 304.	1.5	10
41	<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.	1.6	29
42	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.	1.0	12
43	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.	1.6	22
44	Expression profiles of <i>dmrts</i> and <i>foxl2</i> during gonadal development and sex reversal induced by 17 $\alpha$ -methyltestosterone in the orange-spotted grouper. <i>General and Comparative Endocrinology</i> , 2019, 274, 26-36.	0.8	37
45	Comparative transcriptome analysis of diploid and triploid hybrid groupers ( <i>Epinephelus coioides</i> $\times$ <i>E. lanceolatus</i> ). <i>Journal of Heredity</i> , 2019, 111, 251-259.	1.3	10
46	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.	0.8	11
47	Neurokinin B signaling in hermaphroditic species, a study of the orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>Journal of Heredity</i> , 2018, 109, 108-114.	0.8	28
48	Comparison of Gonadal Development in Diploid and Triploid Hybrid Groupers, <i>Epinephelus coioides</i> $\times$ <i>Epinephelus lanceolatus</i> . <i>Journal of the World Aquaculture Society</i> , 2018, 49, 328-337.	1.2	5
49	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.	1.6	30
50	SOAPnuke: a MapReduce acceleration-supported software for integrated quality control and preprocessing of high-throughput sequencing data. <i>GigaScience</i> , 2018, 7, 1-6.	3.3	1,265
51	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.	0.8	11
52	Intracellular TLR22 acts as an inflammation equalizer via suppression of NF- $\kappa$ B and selective activation of MAPK pathway in fish. <i>Fish and Shellfish Immunology</i> , 2018, 72, 646-657.	1.6	32
53	MT-Feeding-Induced Impermanent Sex Reversal in the Orange-Spotted Grouper during Sex Differentiation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2828.	1.8	17
54	Two Distinct Interferon- $\beta$ in the Orange-Spotted Grouper ( <i>Epinephelus coioides</i> ): Molecular Cloning, Functional Characterization, and Regulation in Toll-Like Receptor Pathway by Induction of miR-146a. <i>Frontiers in Endocrinology</i> , 2018, 9, 41.	1.5	15

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55	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.	1.2	29
56	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.	0.7	25
57	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.	0.8	8
58	Copy Number Variations in Tilapia Genomes. <i>Marine Biotechnology</i> , 2017, 19, 11-21.	1.1	12
59	Genetic Evidence for Multifactorial Control of the Reproductive Axis in Zebrafish. <i>Endocrinology</i> , 2017, 158, 604-611.	1.4	62
60	The complete mitochondrial genome of the hybrid grouper <i>Epinephelus coioides</i> × <i>Epinephelus akaara</i> , with phylogenetic consideration. <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 31-32.	0.2	11
61	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.	1.2	40
62	The complete mitochondrial genome of the hybrid grouper ( <i>Cromileptes altivelis</i> × <i>Tilapia zilli</i> ). <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 171-172.	0.2	11
63	The next-generation sequencing reveals the complete mitochondrial genome of <i>Alosa sapidissima</i> (Perciformes: Clupeidae) with phylogenetic consideration. <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 304-306.	0.2	3
64	Spexin Suppress Food Intake in Zebrafish: Evidence from Gene Knockout Study. <i>Scientific Reports</i> , 2017, 7, 14643.	1.6	61
65	Leptin Stimulates Prolactin mRNA Expression in the Goldfish Pituitary through a Combination of the PI3K/Akt/mTOR, MKK3/6/p38MAPK and MEK1/2/ERK1/2 Signalling Pathways. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2781.	1.8	12
66	The complete mitochondrial genome of the <i>Rhabdosargus sarba</i> (Perciformes: Sparidae). <i>Mitochondrial DNA</i> , 2016, 27, 1-2.	0.6	8
67	The complete mitochondrial genome of the <i>Drepane punctata</i> (Perciformes: Drepanidae). <i>Mitochondrial DNA</i> , 2016, 27, 1-2.	0.6	0
68	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.	1.8	31
69	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.	0.7	1
70	The complete mitochondrial genome of the hybrid grouper <i>Epinephelus moara</i> × <i>Epinephelus lanceolatus</i> , with phylogenetic consideration. <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 584-585.	0.2	3
71	Molecular cloning and functional characterization of spexin in orange-spotted grouper ( <i>Epinephelus</i> ). <i>Journal of Molecular Biology</i> , 2016, 428, 196-197, 85-91.	0.7	50
72	Transcriptome analysis reveals the molecular mechanisms underlying growth superiority in a novel grouper hybrid ( <i>Epinephelus fuscogutatus</i> × <i>E. lanceolatus</i> ). <i>BMC Genetics</i> , 2016, 17, 24.	2.7	94

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73	Tetraodon nigroviridis : A model of <i>Vibrio parahaemolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , 2016, 56, 388-396.	1.6	18
74	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.	1.6	49
75	Microsatellite analysis of the genetic relationships between wild and cultivated giant grouper in the South China Sea. <i>Journal of Genetics</i> , 2016, 95, 369-376.	0.4	3
76	Formation of diploid and triploid hybrid groupers (hybridization of <i>Epinephelus coioides</i> and <i>Epinephelus</i> )	2.7	3
77	The complete mitochondrial genome of the <i>Platax teira</i> (Osteichthyes: Ephippidae). <i>Mitochondrial DNA</i> , 2016, 27, 796-797.	0.6	4
78	The complete mitochondrial genome of the <i>Hemibagrus wyckioides</i> (Siluriformes, Bagridae). <i>Mitochondrial DNA</i> , 2016, 27, 766-768.	0.6	12
79	Characterization of triploid hybrid groupers from interspecies hybridization ( <i>Epinephelus</i> )	1.0784314	10
80	Two distinct interferon- $\beta$ genes in <i>Tetraodon nigroviridis</i> : Functional analysis during <i>Vibrio parahaemolyticus</i> infection. <i>Molecular Immunology</i> , 2016, 70, 34-46.	1.0	28
81	The complete mitochondrial genome of the <i>Pampus nozawae</i> (Perciformes: Stromateidae). <i>Mitochondrial DNA</i> , 2016, 27, 988-989.	0.6	3
82	The complete mitochondrial genome of the <i>Hemibarbus medius</i> (Cypriniformes, Cyprinidae). <i>Mitochondrial DNA</i> , 2016, 27, 1070-1072.	0.6	12
83	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.	0.7	2
84	The complete mitochondrial genome of the <i>Siganus canaliculatus</i> (Perciformes: Siganidae). <i>Mitochondrial DNA</i> , 2016, 27, 1111-1112.	0.6	0
85	The complete mitochondrial genome of the <i>Epinephelus corallicola</i> (Perciformes: Serranidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3971-3972.	0.7	1
86	The complete mitochondrial genome of the hybrid grouper <i>Epinephelus coioides</i> and <i>Epinephelus lanceolatus</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4181-4182.	0.7	3
87	Comparative Transcriptomic Study of Muscle Provides New Insights into the Growth Superiority of a Novel Grouper Hybrid. <i>PLoS ONE</i> , 2016, 11, e0168802.	1.1	38
88	Signatures of selection in tilapia revealed by whole genome resequencing. <i>Scientific Reports</i> , 2015, 5, 14168.	1.6	86
89	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.	0.7	23
90	Goldfish neurokinin B: Cloning, tissue distribution, and potential role in regulating reproduction. <i>General and Comparative Endocrinology</i> , 2015, 221, 267-277.	0.8	31

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91	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.	0.7	23
92	The complete mitochondrial genome of the <i>Trachinotus ovatus</i> (Teleostei, Carangidae). <i>Mitochondrial DNA</i> , 2015, 26, 644-646.	0.6	30
93	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, 625-631.	9.4	352
94	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.	0.8	64
95	The kiss/kissr Systems Are Dispensable for Zebrafish Reproduction: Evidence From Gene Knockout Studies. <i>Endocrinology</i> , 2015, 156, 589-599.	1.4	153
96	Mudskipper genomes provide insights into the terrestrial adaptation of amphibious fishes. <i>Nature Communications</i> , 2014, 5, 5594.	5.8	135
97	The complete mitochondrial genome of the orange-spotted grouper <i>Epinephelus coioides</i> (Perciformes, Serranidae). <i>Mitochondrial DNA</i> , 2014, 27, 1-3.	0.6	6
98	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, 11996-12006.	1.8	15
99	The complete mitochondrial genome of the <i>Epinephelus lanceolatus</i> (Perciformes: Serranidae). <i>Mitochondrial DNA</i> , 2014, 27, 1-2.	0.6	2
100	The complete mitochondrial genome of the <i>Epinephelus moara</i> (Osteichthyes: Ehippidae). <i>Mitochondrial DNA</i> , 2014, 27, 1-2.	0.6	1
101	The complete mitochondrial genome of the <i>Epinephelus akaara</i> (Perciformes: Serranidae). <i>Mitochondrial DNA</i> , 2014, 27, 1-2.	0.6	2
102	Two IFNGR1 homologues in <i>Tetraodon nigroviridis</i> : Origin, expression analysis and ligand-binding preference. <i>Developmental and Comparative Immunology</i> , 2014, 44, 270-279.	1.0	17
103	A novel neuropeptide in suppressing luteinizing hormone release in goldfish, <i>Carassius auratus</i> . <i>Molecular and Cellular Endocrinology</i> , 2013, 374, 65-72.	1.6	83
104	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.	1.6	83
105	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.	2.7	39
106	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, 535-548.	1.0	30
107	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.	0.8	88
108	Identification and characterization of a motilin-like peptide and its receptor in teleost. <i>General and Comparative Endocrinology</i> , 2013, 186, 85-93.	0.8	17

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109	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, 8625-8637.	1.8	11
110	Sexual Dimorphism of Steroidogenesis Regulated by GnIH in the Goldfish, <i>Carassius auratus</i> 1. <i>Biology of Reproduction</i> , 2013, 88, 89.	1.2	39
111	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.	1.6	78
112	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, 202-212.	1.6	44
113	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, 371-381.	0.8	33
114	Expression profiles of gonadotropins and their receptors during 17 $\beta$ -methyltestosterone implantation-induced sex change in the orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>Molecular Reproduction and Development</i> , 2011, 78, 376-390.	1.0	15
115	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, 4378-4394.	1.8	34
116	Molecular Identification of the Kiss2/Kiss1ra System and Its Potential Function During 17 $\alpha$ -Methyltestosterone-Induced Sex Reversal in the Orange-Spotted Grouper, <i>Epinephelus coioides</i> 1. <i>Biology of Reproduction</i> , 2010, 83, 63-74.	1.2	96
117	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, 1034-1043.	1.2	145
118	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, 265-276.	0.8	31
119	Interleukin-1 $\beta$ gene in orange-spotted grouper, <i>Epinephelus coioides</i> : Molecular cloning, expression, biological activities and signal transduction. <i>Molecular Immunology</i> , 2008, 45, 857-867.	1.0	62
120	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, 457-470.	1.2	12
121	The mRNA expression of P450 aromatase, gonadotropin $\beta$ -subunits and FTZ-F1 in the orange-spotted grouper ( <i>Epinephelus Coioides</i> ) during 17 $\beta$ -methyltestosterone-induced precocious sex change. <i>Molecular Reproduction and Development</i> , 2007, 74, 665-673.	1.0	59
122	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.	0.9	29
123	WEGO: a web tool for plotting GO annotations. <i>Nucleic Acids Research</i> , 2006, 34, W293-W297.	6.5	2,529
124	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.	1.2	62