

Antagonists to the Wnt Cascade Exhibit Sex-Specific Ex Mature Shovelnose Sturgeon

Sexual Development

7, 308-315

DOI: [10.1159/000354280](https://doi.org/10.1159/000354280)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of the isoflavones genistein and equol on the gonadal development of Japanese medaka <i>Oryzias latipes</i> . <i>Environmental Health Perspectives</i> , 2003, 111, 1158-1163.	2.8	116
2	Endocrine disruption and altered gonadal development in white perch (<i>Morone americana</i>) from the lower Great Lakes region. <i>Environmental Health Perspectives</i> , 2004, 112, 898-902.	2.8	94
3	Assessing the Sensitivity of Different Life Stages for Sexual Disruption in Roach (<i>Rutilus rutilus</i>) Exposed to Effluents from Wastewater Treatment Works. <i>Environmental Health Perspectives</i> , 2005, 113, 1299-1307.	2.8	109
4	Gonad histology and vitellogenin concentrations in brown trout (<i>Salmo trutta</i>) from Danish streams impacted by sewage effluent. <i>Ecotoxicology</i> , 2006, 15, 315-327.	1.1	45
5	Assessment of Feminization of Male Fish in English Rivers by the Environment Agency of England and Wales. <i>Environmental Health Perspectives</i> , 2006, 114, 147-151.	2.8	190
6	Locating the barnacle settlement pheromone: spatial and ontogenetic expression of the settlement-inducing protein complex of <i>Balanus amphitrite</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2721-2728.	1.2	73
7	<i>Amh</i> and <i>Dmrta2</i> Genes Map to <i>Tilapia</i> (<i>Oreochromis</i> spp.) Linkage Group 23 Within Quantitative Trait Locus Regions for Sex Determination. <i>Genetics</i> , 2006, 174, 1573-1581.	1.2	106
8	Predicted Exposures to Steroid Estrogens in U.K. Rivers Correlate with Widespread Sexual Disruption in Wild Fish Populations. <i>Environmental Health Perspectives</i> , 2006, 114, 32-39.	2.8	470
9	Isolation and Expression Analysis of Testicular Type <i>Sox9b</i> in Allotetraploid Fish. <i>Marine Biotechnology</i> , 2007, 9, 329-334.	1.1	16
10	New Technologies for the Identification of Novel Genetic Markers of Disorders of Sex Development (DSD). <i>Sexual Development</i> , 2010, 4, 213-224.	1.1	53
11	Disruption of the non-canonical Wnt gene <i>PRICKLE2</i> leads to autism-like behaviors with evidence for hippocampal synaptic dysfunction. <i>Molecular Psychiatry</i> , 2013, 18, 1077-1089.	4.1	74
12	Antagonists to the Wnt Cascade Exhibit Sex-Specific Expression in Gonads of Sexually Mature Shovelnose Sturgeon. <i>Sexual Development</i> , 2013, 7, 308-315.	1.1	328
13	Evaluation of de novo transcriptome assemblies from RNA-Seq data. <i>Genome Biology</i> , 2014, 15, 553.	3.8	256
14	Gonad Differentiation in Zebrafish Is Regulated by the Canonical Wnt Signaling Pathway1. <i>Biology of Reproduction</i> , 2014, 90, 45.	1.2	79
15	The Jak-STAT Target <i>Chinmo</i> Prevents Sex Transformation of Adult Stem Cells in the <i>Drosophila</i> Testis Niche. <i>Developmental Cell</i> , 2014, 31, 474-486.	3.1	38
16	Comparison of assembly algorithms for improving rate of metatranscriptomic functional annotation. <i>Microbiome</i> , 2014, 2, 39.	4.9	67
17	Comparative Transcriptomics in East African Cichlids Reveals Sex- and Species-Specific Expression and New Candidates for Sex Differentiation in Fishes. <i>Genome Biology and Evolution</i> , 2014, 6, 2567-2585.	1.1	61
18	Transcriptomic characterization of the immunogenetic repertoires of heteromyid rodents. <i>BMC Genomics</i> , 2014, 15, 929.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Wild Sex in Zebrafish: Loss of the Natural Sex Determinant in Domesticated Strains. <i>Genetics</i> , 2014, 198, 1291-1308.	1.2	282
20	Pyrosequencing and de novo assembly of Antarctic krill (<i>Euphausia superba</i>) transcriptome to study the adaptability of krill to climate-induced environmental changes. <i>Molecular Ecology Resources</i> , 2015, 15, 1460-1471.	2.2	30
21	Ontogenic and morphological study of gonadal formation in genetically-modified sex reversal XY ⁺ POS ⁺ mice. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 1587-1598.	0.3	9
22	Direct production of XYDMY ⁺ sex reversal female medaka (<i>Oryzias latipes</i>) by embryo microinjection of TALENs. <i>Scientific Reports</i> , 2015, 5, 14057.	1.6	18
23	Comparative transcriptome analysis of different chemotypes elucidates withanolide biosynthesis pathway from medicinal plant <i>Withania somnifera</i> . <i>Scientific Reports</i> , 2015, 5, 18611.	1.6	46
24	Characterization of the Transcriptional Complexity of the Receptive and Pre-receptive Endometria of Dairy Goats. <i>Scientific Reports</i> , 2015, 5, 14244.	1.6	28
25	Sex redefined. <i>Nature</i> , 2015, 518, 288-291.	13.7	253
26	Molecular cloning and characterization of amh and dax1 genes and their expression during sex inversion in rice-field eel <i>Monopterus albus</i> . <i>Scientific Reports</i> , 2015, 5, 16667.	1.6	38
27	Gene expression analysis at the onset of sex differentiation in turbot (<i>Scophthalmus maximus</i>). <i>BMC Genomics</i> , 2015, 16, 973.	1.2	54
28	Transcriptome sequencing, annotation and polymorphism detection in the hop bush, <i>Dodonaea viscosa</i> . <i>BMC Genomics</i> , 2015, 16, 803.	1.2	9
29	Complete depletion of primordial germ cells in an All-female fish leads to Sex-biased gene expression alteration and sterile All-male occurrence. <i>BMC Genomics</i> , 2015, 16, 971.	1.2	44
30	A Boolean network model of human gonadal sex determination. <i>Theoretical Biology and Medical Modelling</i> , 2015, 12, 26.	2.1	41
31	Different B ⁺ T cell antigens dominate responses in asthma versus rhinitis subjects. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1856-1867.	1.4	53
32	R-Spondin 1/Dickkopf-1/Beta-Catenin Machinery Is Involved in Testicular Embryonic Angiogenesis. <i>PLoS ONE</i> , 2015, 10, e0124213.	1.1	6
33	Genetics of the ovarian reserve. <i>Frontiers in Genetics</i> , 2015, 6, 308.	1.1	52
34	Sequencing and De Novo Assembly of the Gonadal Transcriptome of the Endangered Chinese Sturgeon (<i>Acipenser sinensis</i>). <i>PLoS ONE</i> , 2015, 10, e0127332.	1.1	76
35	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
36	De novo Transcriptome Analysis of <i>Portunus trituberculatus</i> Ovary and Testis by RNA-Seq: Identification of Genes Involved in Gonadal Development. <i>PLoS ONE</i> , 2015, 10, e0128659.	1.1	70

#	ARTICLE	IF	CITATIONS
37	Transcriptional Responses Associated with Virulence and Defence in the Interaction between <i>Heterobasidion annosum</i> s.s. and Norway Spruce. <i>PLoS ONE</i> , 2015, 10, e0131182.	1.1	24
38	Tunable Protein Stabilization In Vivo Mediated by Shield-1 in Transgenic Medaka. <i>PLoS ONE</i> , 2015, 10, e0131252.	1.1	3
39	Transcriptomics Analysis of <i>Crassostrea hongkongensis</i> for the Discovery of Reproduction-Related Genes. <i>PLoS ONE</i> , 2015, 10, e0134280.	1.1	69
40	Transcriptomic Analysis of Metabolic Pathways in Milkfish That Respond to Salinity and Temperature Changes. <i>PLoS ONE</i> , 2015, 10, e0134959.	1.1	41
41	Meta-Analysis of Microarray Data of Rainbow Trout Fry Gonad Differentiation Modulated by Ethynylestradiol. <i>PLoS ONE</i> , 2015, 10, e0135799.	1.1	10
42	Transcriptome Sequencing, De Novo Assembly and Differential Gene Expression Analysis of the Early Development of <i>Acipenser baeri</i> . <i>PLoS ONE</i> , 2015, 10, e0137450.	1.1	15
43	A Transcriptomic Analysis of Cave, Surface, and Hybrid Isopod Crustaceans of the Species <i>Asellus aquaticus</i> . <i>PLoS ONE</i> , 2015, 10, e0140484.	1.1	24
44	Sexual Fate Reprogramming in the Steroid-Induced Bi-Directional Sex Change in the Protogynous Orange-Spotted Grouper, <i>Epinephelus coioides</i> . <i>PLoS ONE</i> , 2015, 10, e0145438.	1.1	36
45	De Novo Sequencing and Analysis of the Safflower Transcriptome to Discover Putative Genes Associated with Safflor Yellow in <i>Carthamus tinctorius</i> L. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25657-25677.	1.8	26
46	Genome-Wide Identification of Genes Probably Relevant to the Uniqueness of Tea Plant (<i>Camellia</i>) Tj ETQq1 1 0,784314 rgBT /Ovele 0,8	0,8	4
47	Large-scale transcriptome sequencing reveals novel expression patterns for key sex-related genes in a sex-changing fish. <i>Biology of Sex Differences</i> , 2015, 6, 26.	1.8	100
48	Early Depletion of Primordial Germ Cells in Zebrafish Promotes Testis Formation. <i>Stem Cell Reports</i> , 2015, 4, 61-73.	2.3	133
49	Sexual Cell-Fate Reprogramming in the Ovary by DMRT1. <i>Current Biology</i> , 2015, 25, 764-771.	1.8	130
50	Optimal assembly strategies of transcriptome related to ploidies of eukaryotic organisms. <i>BMC Genomics</i> , 2015, 16, 65.	1.2	30
51	Molecular cloning and expression analysis of <i>dmrt1</i> and <i>sox9</i> during gonad development and male reproductive cycle in the lambari fish, <i>Astyanax altiparanae</i> . <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 2.	1.4	55
52	Trajectories and phenotypes with estrogen exposures across the lifespan: What does Goldilocks have to do with it?. <i>Hormones and Behavior</i> , 2015, 74, 86-104.	1.0	36
53	Defective autophagy through <i>epg5</i> mutation results in failure to reduce germ plasm and mitochondria. <i>FASEB Journal</i> , 2015, 29, 4145-4161.	0.2	29
54	Molecular Diversity and Gene Evolution of the Venom Arsenal of Terebridae Predatory Marine Snails. <i>Genome Biology and Evolution</i> , 2015, 7, 1761-1778.	1.1	36

#	ARTICLE	IF	CITATIONS
55	Genetic regulation of murine pituitary development. <i>Journal of Molecular Endocrinology</i> , 2015, 54, R55-R73.	1.1	54
56	A de novo transcriptome of the noble scallop, <i>Chlamys nobilis</i> , focusing on mining transcripts for carotenoid-based coloration. <i>BMC Genomics</i> , 2015, 16, 44.	1.2	54
57	Molecular mechanisms of enhancing porcine granulosa cell proliferation and function by treatment in vitro with anti-inhibin alpha subunit antibody. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 26.	1.4	36
58	Identification of Sex-Linked SNPs and Sex-Determining Regions in the Yellowtail Genome. <i>Marine Biotechnology</i> , 2015, 17, 502-510.	1.1	22
59	Reprogramming of Sertoli cells to fetal-like Leydig cells by <i>Wt1</i> ablation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4003-4008.	3.3	79
60	Estrogen Receptor 1 (ESR1; ER α), not ESR2 (ER β), Modulates Estrogen-Induced Sex Reversal in the American Alligator, a Species With Temperature-Dependent Sex Determination. <i>Endocrinology</i> , 2015, 156, 1887-1899.	1.4	51
61	Cell fate commitment during mammalian sex determination. <i>Current Opinion in Genetics and Development</i> , 2015, 32, 144-152.	1.5	92
62	Brain feminization requires active repression of masculinization via DNA methylation. <i>Nature Neuroscience</i> , 2015, 18, 690-697.	7.1	339
63	Rapid evolution of chemosensory receptor genes in a pair of sibling species of orchid bees (Apidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	56
64	Gonadal Identity in the Absence of Pro-Testis Factor SOX9 and Pro-Ovary Factor Beta-Catenin in Mice1. <i>Biology of Reproduction</i> , 2015, 93, 35.	1.2	59
65	Characterization of the cork oak transcriptome dynamics during acorn development. <i>BMC Plant Biology</i> , 2015, 15, 158.	1.6	22
66	FOXO1/3 and PTEN Depletion in Granulosa Cells Promotes Ovarian Granulosa Cell Tumor Development. <i>Molecular Endocrinology</i> , 2015, 29, 1006-1024.	3.7	62
67	Effects of tamoxifen on autosomal genes regulating ovary maintenance in adult mice. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20234-20244.	2.7	0
68	Genetics of Gonadal Stem Cell Renewal. <i>Annual Review of Cell and Developmental Biology</i> , 2015, 31, 291-315.	4.0	86
69	FOXL2 molecular status in adult granulosa cell tumors of the ovary: A study of primary and metastatic cases. <i>Oncology Letters</i> , 2016, 12, 1159-1163.	0.8	15
70	Transcriptomic Analysis of <i>Eucryptorrhynchus chinensis</i> (Coleoptera: Curculionidae) Using 454 Pyrosequencing Technology. <i>Journal of Insect Science</i> , 2016, 16, 82.	0.6	6
71	Assembly, Assessment, and Availability of De novo Generated Eukaryotic Transcriptomes. <i>Frontiers in Genetics</i> , 2015, 6, 361.	1.1	57
72	FOXL2 Is an Essential Activator of SF-1-Induced Transcriptional Regulation of Anti-M β 2411erian Hormone in Human Granulosa Cells. <i>PLoS ONE</i> , 2016, 11, e0159112.	1.1	26

#	ARTICLE	IF	CITATIONS
73	RNA-Seq and Gene Network Analysis Uncover Activation of an ABA-Dependent Signalosome During the Cork Oak Root Response to Drought. <i>Frontiers in Plant Science</i> , 2015, 6, 1195.	1.7	30
74	De novo Transcriptome Sequencing to Dissect Candidate Genes Associated with Pearl Millet-Downy Mildew (<i>Sclerospora graminicola</i> Sacc.) Interaction. <i>Frontiers in Plant Science</i> , 2016, 7, 847.	1.7	39
75	High-Throughput Sequencing Reveals Single Nucleotide Variants in Longer-Kernel Bread Wheat. <i>Frontiers in Plant Science</i> , 2016, 7, 1193.	1.7	7
76	Para-allopatry in hybridizing fire-bellied toads (<i>Bombina bombina</i> and <i>B. variegata</i>): Inference from transcriptome-wide coalescence analyses. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1803-1818.	1.1	25
77	High-throughput sequencing and de novo transcriptome assembly of <i>Swertia japonica</i> to identify genes involved in the biosynthesis of therapeutic metabolites. <i>Plant Cell Reports</i> , 2016, 35, 2091-2111.	2.8	38
78	Discovery and identification of candidate sex-related genes based on transcriptome sequencing of Russian sturgeon (<i>Acipenser gueldenstaedtii</i>) gonads. <i>Physiological Genomics</i> , 2016, 48, 464-476.	1.0	23
79	Autosomal gsdf acts as a male sex initiator in the fish medaka. <i>Scientific Reports</i> , 2016, 6, 19738.	1.6	89
80	SMAD3 Activation: A Converging Point of Dysregulated TGF-Beta Superfamily Signaling and Genetic Aberrations in Granulosa Cell Tumor Development?. <i>Biology of Reproduction</i> , 2016, 95, 105-105.	1.2	15
81	Dmy initiates masculinity by altering Gsdf/Sox9a2/Rspo1 expression in medaka (<i>Oryzias latipes</i>). <i>Scientific Reports</i> , 2016, 6, 19480.	1.6	46
82	Neurodevelopmental Perspectives on Wnt Signaling in Psychiatry. <i>Molecular Neuropsychiatry</i> , 2016, 2, 219-246.	3.0	68
83	Decoding regulatory landscape of somatic embryogenesis reveals differential regulatory networks between japonica and indica rice subspecies. <i>Scientific Reports</i> , 2016, 6, 23050.	1.6	43
84	Transcriptome sequencing and marker development in winged bean (<i>Psophocarpus tetragonolobus</i>); Tj ETQq1 1 0.784314 rgBT /Ove	1.6	87
85	Transcriptome Sequencing and Comparative Analysis of Ovary and Testis Identifies Potential Key Sex-Related Genes and Pathways in Scallop <i>Patinopecten yessoensis</i> . <i>Marine Biotechnology</i> , 2016, 18, 453-465.	1.1	65
86	Chinmo is sufficient to induce male fate in somatic cells of the adult <i>Drosophila</i> ovary. <i>Development (Cambridge)</i> , 2016, 143, 754-63.	1.2	11
87	Conservation, sex-biased expression and functional annotation of microRNAs in the gonad of Amur sturgeon (<i>Acipenser schrenckii</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 18, 54-61.	0.4	20
88	Long-Term Retention of CENP-A Nucleosomes in Mammalian Oocytes Underpins Transgenerational Inheritance of Centromere Identity. <i>Current Biology</i> , 2016, 26, 1110-1116.	1.8	77
89	microRNA-309 targets the Homeobox gene <i>SIX4</i> and controls ovarian development in the mosquito <i>Aedes aegypti</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4828-36.	3.3	111
90	The Planar Cell Polarity Transmembrane Protein Vangl2 Promotes Dendrite, Spine and Glutamatergic Synapse Formation in the Mammalian Forebrain. <i>Molecular Neuropsychiatry</i> , 2016, 2, 107-114.	3.0	16

#	ARTICLE	IF	CITATIONS
91	Evolutionary plasticity of acipenseriform genomes. <i>Chromosoma</i> , 2016, 125, 661-668.	1.0	31
92	Circulating microRNAs in follicular fluid, powerful tools to explore in vitro fertilization process. <i>Scientific Reports</i> , 2016, 6, 24976.	1.6	73
93	Head Transcriptomes of Two Closely Related Species of Fruit Flies of the <i>Anastrepha fraterculus</i> Group Reveals Divergent Genes in Species with Extensive Gene Flow. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3283-3295.	0.8	18
94	Stochastic anomaly of methylome but persistent SRY hypermethylation in disorder of sex development in canine somatic cell nuclear transfer. <i>Scientific Reports</i> , 2016, 6, 31088.	1.6	17
95	Functional insights into the testis transcriptome of the edible sea urchin <i>Loxechinus albus</i> . <i>Scientific Reports</i> , 2016, 6, 36516.	1.6	17
96	Sexually dimorphic gene expressions in eels: useful markers for early sex assessment in a conservation context. <i>Scientific Reports</i> , 2016, 6, 34041.	1.6	28
97	Sox9 overexpression in uterine epithelia induces endometrial gland hyperplasia. <i>Differentiation</i> , 2016, 92, 204-215.	1.0	28
98	Novel action of FOXL2 as mediator of Col1a2 gene autoregulation. <i>Developmental Biology</i> , 2016, 416, 200-211.	0.9	9
99	Primary sex determination of placental mammals: a modelling study uncovers dynamical developmental constraints in the formation of Sertoli and granulosa cells. <i>BMC Systems Biology</i> , 2016, 10, 37.	3.0	14
100	Identification of gonadal soma-derived factor involvement in <i>Monopterus albus</i> (protogynous rice) Tj ETQq1 1 0.784314 rgBT /Overlock 39	1.0	39
101	Molecular characterization and expression pattern of <i>dmt1</i> in the immature Chinese sturgeon <i>Acipenser sinensis</i> . <i>Journal of Fish Biology</i> , 2016, 88, 567-579.	0.7	16
102	GATA factors in endocrine neoplasia. <i>Molecular and Cellular Endocrinology</i> , 2016, 421, 2-17.	1.6	19
103	Finding clues to the riddle of sex determination in zebrafish. <i>Journal of Biosciences</i> , 2016, 41, 145-155.	0.5	44
104	Molecular cloning and sexually dimorphic expression of <i>wnt4</i> in olive flounder (<i>Paralichthys</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj	0.9	8
105	Morphology, sex steroid level and gene expression analysis in gonadal sex reversal of triploid female (XXX) rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish Physiology and Biochemistry</i> , 2016, 42, 193-202.	0.9	15
106	Genome-wide identification of regulatory elements in Sertoli cells. <i>Development (Cambridge)</i> , 2017, 144, 720-730.	1.2	36
107	Sex Drives Dimorphic Immune Responses to Viral Infections. <i>Journal of Immunology</i> , 2017, 198, 1782-1790.	0.4	183
108	Reduced Activity of SRY and its Target Enhancer Sox9-TESCO in a Mouse Species with X*Y Sex Reversal. <i>Scientific Reports</i> , 2017, 7, 41378.	1.6	13

#	ARTICLE	IF	CITATIONS
109	Mechanisms controlling germline cyst breakdown and primordial follicle formation. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2547-2566.	2.4	70
110	Sequential, Divergent, and Cooperative Requirements of <i>Foxl2a</i> and <i>Foxl2b</i> in Ovary Development and Maintenance of Zebrafish. <i>Genetics</i> , 2017, 205, 1551-1572.	1.2	131
111	Retinoic acid signaling is dispensable for somatic development and function in the mammalian ovary. <i>Developmental Biology</i> , 2017, 424, 208-220.	0.9	32
112	Cultured bovine granulosa cells rapidly lose important features of their identity and functionality but partially recover under long-term culture conditions. <i>Cell and Tissue Research</i> , 2017, 368, 397-403.	1.5	18
113	Effect of environmentally-relevant concentrations of nonylphenol on sexual differentiation in zebrafish: a multi-generational study. <i>Scientific Reports</i> , 2017, 7, 42907.	1.6	12
114	Expression Patterns of Atlantic Sturgeon (<i>Acipenser oxyrinchus</i>) During Embryonic Development. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 533-542.	0.8	8
115	Forkhead box transcription factor L2 activates <i>Fcp3C</i> to regulate insect chorion formation. <i>Open Biology</i> , 2017, 7, 170061.	1.5	13
116	A practical guide for evaluating gonadal germ cell tumor predisposition in differences of sex development. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2017, 175, 304-314.	0.7	50
117	<i>Dmrt1</i> is necessary for male sexual development in zebrafish. <i>Developmental Biology</i> , 2017, 422, 33-46.	0.9	234
118	Dimorphic expression of sex-related genes in different gonadal development stages of sterlet, <i>Acipenser ruthenus</i> , a primitive fish species. <i>Fish Physiology and Biochemistry</i> , 2017, 43, 1557-1569.	0.9	25
119	Comparative transcriptome analysis of ovary and testis reveals potential sex-related genes and pathways in spotted knifejaw <i>Oplegnathus punctatus</i> . <i>Gene</i> , 2017, 637, 203-210.	1.0	51
120	Annotation of nerve cord transcriptome in earthworm <i>Eisenia fetida</i> . <i>Genomics Data</i> , 2017, 14, 91-105.	1.3	17
121	Draft Genome Sequence of <i>Methylocaldum</i> sp. SAD2, a Methanotrophic Strain That Can Convert Raw Biogas to Methanol in the Presence of Hydrogen Sulfide. <i>Genome Announcements</i> , 2017, 5, .	0.8	0
122	Draft Genome Sequence of <i>Methylocaldum</i> sp. Strain 14B, an Obligate Hydrogen Sulfide-Tolerant Methanotrophic Strain That Can Convert Biogas to Methanol. <i>Genome Announcements</i> , 2017, 5, .	0.8	1
123	Comprehensive transcriptome mining of the direct conversion of mesodermal cells. <i>Scientific Reports</i> , 2017, 7, 10427.	1.6	1
124	Integrated analysis of microRNA and mRNA expression profiles during the sex-differentiation sensitive period in oriental river prawn, <i>Macrobrachium nipponense</i> . <i>Scientific Reports</i> , 2017, 7, 12011.	1.6	22
125	Dissection of Larval Zebrafish Gonadal Tissue. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	5
126	Cell-based computational model of early ovarian development in mice. <i>Biology of Reproduction</i> , 2017, 97, 365-377.	1.2	6

#	ARTICLE	IF	CITATIONS
127	Vertebrate sex determination: evolutionary plasticity of a fundamental switch. <i>Nature Reviews Genetics</i> , 2017, 18, 675-689.	7.7	362
128	Vagus Motor Neuron Topographic Map Determined by Parallel Mechanisms of <i>hox5</i> Expression and Time of Axon Initiation. <i>Current Biology</i> , 2017, 27, 3812-3825.e3.	1.8	33
129	A reference floral transcriptome of sexual and apomictic <i>Paspalum notatum</i> . <i>BMC Genomics</i> , 2017, 18, 318.	1.2	39
130	Ovarian regeneration: The potential for stem cell contribution in the postnatal ovary to sustained endocrine function. <i>Molecular and Cellular Endocrinology</i> , 2017, 445, 74-84.	1.6	53
131	NR5A1 is a novel disease gene for 46,XX testicular and ovotesticular disorders of sex development. <i>Genetics in Medicine</i> , 2017, 19, 367-376.	1.1	87
132	Perusal of parasitic nematode ω -omics in the post-genomic era. <i>Molecular and Biochemical Parasitology</i> , 2017, 215, 11-22.	0.5	13
133	De novo transcriptome assembly and characterization of nine tissues of <i>Lonicera japonica</i> to identify potential candidate genes involved in chlorogenic acid, luteolosides, and secoiridoid biosynthesis pathways. <i>Journal of Natural Medicines</i> , 2017, 71, 1-15.	1.1	60
134	Testis Determination Requires a Specific FGFR2 Isoform to Repress FOXL2. <i>Endocrinology</i> , 2017, 158, 3832-3843.	1.4	40
135	Estrogen exposure overrides the masculinizing effect of elevated temperature by a downregulation of the key genes implicated in sexual differentiation in a fish with mixed genetic and environmental sex determination. <i>BMC Genomics</i> , 2017, 18, 973.	1.2	33
136	Comparative Transcriptome Analysis Reveals Related Regulatory Mechanisms of Androgenic Gland in <i>Eriocheir sinensis</i> . <i>BioMed Research International</i> , 2017, 2017, 1-12.	0.9	5
137	Enriching Genomic Resources and Marker Development from Transcript Sequences of <i>Jatropha curcas</i> for Microgravity Studies. <i>International Journal of Genomics</i> , 2017, 2017, 1-14.	0.8	7
138	Integrated analysis of mRNA-seq and miRNA-seq reveals the potential roles of sex-biased miRNA-mRNA pairs in gonad tissue of dark sleeper (<i>Odontobutis potamophila</i>). <i>BMC Genomics</i> , 2017, 18, 613.	1.2	29
139	Transcriptome Analysis and Differential Gene Expression on the Testis of Orange Mud Crab, <i>Scylla olivacea</i> , during Sexual Maturation. <i>PLoS ONE</i> , 2017, 12, e0171095.	1.1	58
140	Robust <i>gdf9</i> and <i>bmp15</i> expression in the oocytes of ovotestes through the Figla-independent pathway in the hermaphroditic black porgy, <i>Acanthopagrus schlegelii</i> . <i>PLoS ONE</i> , 2017, 12, e0186991.	1.1	8
141	Transcriptomics technologies. <i>PLoS Computational Biology</i> , 2017, 13, e1005457.	1.5	677
142	Oleic acid induces down-regulation of the granulosa cell identity marker FOXL2, and up-regulation of the Sertoli cell marker SOX9 in bovine granulosa cells. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 57.	1.4	13
143	Transcriptome profiling of tobacco (<i>Nicotiana tabacum</i>) pollen and pollen tubes. <i>BMC Genomics</i> , 2017, 18, 581.	1.2	24
144	Defects in the first wave of folliculogenesis in mouse XO ovaries. <i>Journal of Reproduction and Development</i> , 2017, 63, 333-338.	0.5	6

#	ARTICLE	IF	CITATIONS
145	Transcriptomic analysis of the differentiating ovary of the protogynous ricefield eel <i>Monopterus albus</i> . <i>BMC Genomics</i> , 2017, 18, 573.	1.2	17
146	Sex determination and maintenance: the role of DMRT1 and FOXL2. <i>Asian Journal of Andrology</i> , 2017, 19, 619.	0.8	92
147	The transcriptomic signature of different sexes in two protogynous hermaphrodites: Insights into the molecular network underlying sex phenotype in fish. <i>Scientific Reports</i> , 2018, 8, 3564.	1.6	32
148	Only two sex forms but multiple gender variants: How to explain?. <i>Communicative and Integrative Biology</i> , 2018, 11, e1427399.	0.6	7
149	iTRAQ-based quantitative proteomic analysis of embryonic developmental stages in Amur sturgeon, <i>Acipenser schrenckii</i> . <i>Scientific Reports</i> , 2018, 8, 6255.	1.6	5
150	Evolution of Molecular Investigations on Sturgeon Sex Determination and Most Recent Developments in DNA Methylation with a Focus on the Siberian Sturgeon. , 2018, , 71-91.		2
151	Epigenetic regulation of male fate commitment from an initially bipotential system. <i>Molecular and Cellular Endocrinology</i> , 2018, 468, 19-30.	1.6	34
152	FOXL2C134W-Induced CYP19 Expression via Cooperation With SMAD3 in HGrC1 Cells. <i>Endocrinology</i> , 2018, 159, 1690-1703.	1.4	11
153	Proteome and Transcriptome Analysis of Ovary, Intersex Gonads, and Testis Reveals Potential Key Sex Reversal/Differentiation Genes and Mechanism in Scallop <i>Chlamys nobilis</i> . <i>Marine Biotechnology</i> , 2018, 20, 220-245.	1.1	33
154	Identification and differential expression of microRNAs in testis and ovary of Amur sturgeon (<i>A. schrenckii</i>). <i>Tj ETQq1 1 0.784314 1.6 BT /Overlock 10 T</i>	1.6	21
155	DIXDC1 contributes to psychiatric susceptibility by regulating dendritic spine and glutamatergic synapse density via GSK3 and Wnt/ β -catenin signaling. <i>Molecular Psychiatry</i> , 2018, 23, 467-475.	4.1	44
156	Disorders of sex development. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2018, 48, 90-102.	1.4	93
157	THRAP3 interacts with and inhibits the transcriptional activity of SOX9 during chondrogenesis. <i>Journal of Bone and Mineral Metabolism</i> , 2018, 36, 410-419.	1.3	9
158	How does the promoter of an oocyte-specific gene function in male germ cells?. <i>Journal of Reproduction and Development</i> , 2018, 64, 463-468.	0.5	0
159	Transcriptional profiling of cork oak phellogenic cells isolated by laser microdissection. <i>Planta</i> , 2018, 247, 317-338.	1.6	46
160	At the Crossroads of Fate—Somatic Cell Lineage Specification in the Fetal Gonad. <i>Endocrine Reviews</i> , 2018, 39, 739-759.	8.9	104
161	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
162	Effects of Temperature on the Expression of Two Ovarian Differentiation-Related Genes <i>foxl2</i> and <i>cyp19a1a</i> . <i>Frontiers in Physiology</i> , 2018, 9, 1208.	1.3	12

#	ARTICLE	IF	CITATIONS
164	Sex reversal. <i>Current Biology</i> , 2018, 28, R1234-R1236.	1.8	19
165	De novo transcriptome based on next-generation sequencing reveals candidate genes with sex-specific expression in <i>Arapaima gigas</i> (Schinz, 1822), an ancient Amazonian freshwater fish. <i>PLoS ONE</i> , 2018, 13, e0206379.	1.1	13
166	Genome-wide identification of FOXL2 binding and characterization of FOXL2 feminizing action in the fetal gonads. <i>Human Molecular Genetics</i> , 2018, 27, 4273-4287.	1.4	49
167	Sex-specific <i>dmt1</i> and <i>cyp19a1</i> methylation and alternative splicing in gonads of the protandrous hermaphrodite <i>barramundi</i> . <i>PLoS ONE</i> , 2018, 13, e0204182.	1.1	48
168	MiR-202 controls female fecundity by regulating medaka oogenesis. <i>PLoS Genetics</i> , 2018, 14, e1007593.	1.5	75
169	Oocyte stage-specific effects of MTOR determine granulosa cell fate and oocyte quality in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5326-E5333.	3.3	104
170	A novel mouse model of testicular granulosa cell tumors. <i>Molecular Human Reproduction</i> , 2018, 24, 343-356.	1.3	8
171	Identification of genes involved in gonadal sex differentiation and the dimorphic expression pattern in <i>Takifugu rubripes</i> gonad at the early stage of sex differentiation. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 1275-1290.	0.9	31
172	Expression Characterization of Six Genes Possibly Involved in Gonad Development for Stellate Sturgeon Individuals (<i>Acipenser stellatus</i> , Pallas 1771). <i>International Journal of Genomics</i> , 2018, 1-10.	0.8	14
173	Identification of Sex-associated SNPs of Greater Amberjack (<i>Seriola dumerili</i>). <i>Journal of Genomics</i> , 2018, 6, 53-62.	0.6	8
174	A role for SOX9 in post-transcriptional processes: insights from the amphibian oocyte. <i>Scientific Reports</i> , 2018, 8, 7191.	1.6	14
175	Low Oxygen Levels Induce Early Luteinization Associated Changes in Bovine Granulosa Cells. <i>Frontiers in Physiology</i> , 2018, 9, 1066.	1.3	22
176	FOXL2 and DMRT1L Are Yin and Yang Genes for Determining Timing of Sex Differentiation in the Bivalve Mollusk <i>Patinopecten yessoensis</i> . <i>Frontiers in Physiology</i> , 2018, 9, 1166.	1.3	41
177	De novo transcriptome analysis of <i>Bagarius yarrelli</i> (Siluriformes: Sisoridae) and the search for potential SSR markers using RNA-Seq. <i>PLoS ONE</i> , 2018, 13, e0190343.	1.1	14
178	Germ cells in the teleost fish medaka have an inherent feminizing effect. <i>PLoS Genetics</i> , 2018, 14, e1007259.	1.5	48
179	Stress, novel sex genes, and epigenetic reprogramming orchestrate socially controlled sex change. <i>Science Advances</i> , 2019, 5, eaaw7006.	4.7	99
180	<i>Lats1</i> and <i>Lats2</i> are required for ovarian granulosa cell fate maintenance. <i>FASEB Journal</i> , 2019, 33, 10819-10832.	0.2	24
181	Pluripotent Cell Models for Gonadal Research. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5495.	1.8	7

#	ARTICLE	IF	CITATIONS
182	Comprehensive Transcriptomic Analysis of Mouse Gonadal Development Involving Sexual Differentiation, Meiosis and Gametogenesis. <i>Biological Procedures Online</i> , 2019, 21, 20.	1.4	13
183	RUNX1 maintains the identity of the fetal ovary through an interplay with FOXL2. <i>Nature Communications</i> , 2019, 10, 5116.	5.8	59
184	Differential Expression of Genes Related to Sexual Determination Can Modify the Reproductive Cycle of <i>Astyanax scabripinnis</i> (Characiformes: Characidae) in B Chromosome Carrier Individuals. <i>Genes</i> , 2019, 10, 909.	1.0	3
185	Gametogenesis: A journey from inception to conception. <i>Current Topics in Developmental Biology</i> , 2019, 132, 257-310.	1.0	55
186	De novo gonad transcriptome analysis of the common littoral shrimp <i>Palaemon serratus</i> : novel insights into sex-related genes. <i>BMC Genomics</i> , 2019, 20, 757.	1.2	20
187	In utero exposure to acetaminophen and ibuprofen leads to intergenerational accelerated reproductive aging in female mice. <i>Communications Biology</i> , 2019, 2, 310.	2.0	18
188	All-Trans Retinoic Acid Disrupts Development in <i>Ex Vivo</i> Cultured Fetal Rat Testes. I: Altered Seminiferous Cord Maturation and Testicular Cell Fate. <i>Toxicological Sciences</i> , 2019, 167, 546-558.	1.4	5
189	New STAT3-FOXL2 pathway and its function in cancer cells. <i>BMC Molecular and Cell Biology</i> , 2019, 20, 17.	1.0	7
190	Doublesex controls specification and maintenance of the gonad stem cell niches in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2019, 146, .	1.2	12
191	Morphometric analyses and gene expression related to germ cells, gonadal ridge epithelial-like cells and granulosa cells during development of the bovine fetal ovary. <i>PLoS ONE</i> , 2019, 14, e0214130.	1.1	19
192	Overexpression of Anti-müllerian Hormone Gene in vivo Affects Gonad Sex Differentiation in Undifferentiated Orange-Spotted Groupers (<i>Epinephelus coioides</i>). <i>Frontiers in Endocrinology</i> , 2019, 10, 210.	1.5	15
193	Comparative analysis of the transcriptome of the Amazonian fish species <i>Colossoma macropomum</i> (tambaqui) and hybrid tambacu by next generation sequencing. <i>PLoS ONE</i> , 2019, 14, e0212755.	1.1	12
194	Polyphenism – A Window Into Gene-Environment Interactions and Phenotypic Plasticity. <i>Frontiers in Genetics</i> , 2019, 10, 132.	1.1	37
195	Genetic regulation of sex determination and maintenance in zebrafish (<i>Danio rerio</i>). <i>Current Topics in Developmental Biology</i> , 2019, 134, 119-149.	1.0	101
196	A novel evolutionary conserved mechanism of RNA stability regulates synexpression of primordial germ cell-specific genes prior to the sex-determination stage in medaka. <i>PLoS Biology</i> , 2019, 17, e3000185.	2.6	8
197	Neuroendocrinology of reproduction: Is gonadotropin-releasing hormone (GnRH) dispensable?. <i>Frontiers in Neuroendocrinology</i> , 2019, 53, 100738.	2.5	36
198	Metaproteomics reveals persistent and phylum-redundant metabolic functional stability in adult human gut microbiomes of Crohn's remission patients despite temporal variations in microbial taxa, genomes, and proteomes. <i>Microbiome</i> , 2019, 7, 18.	4.9	51
199	4-O-Methylhonokiol Influences Normal Cardiovascular Development in Medaka Embryo. <i>Molecules</i> , 2019, 24, 475.	1.7	2

#	ARTICLE	IF	CITATIONS
200	Microglia Mediate HIV-1 gp120-Induced Synaptic Degeneration in Spinal Pain Neural Circuits. <i>Journal of Neuroscience</i> , 2019, 39, 8408-8421.	1.7	38
201	Molecular Characterization of XX Maleness. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6089.	1.8	25
202	Comparative Transcriptome Analysis of Gonads for the Identification of Sex-Related Genes in Giant Freshwater Prawns (<i>Macrobrachium Rosenbergii</i>) Using RNA Sequencing. <i>Genes</i> , 2019, 10, 1035.	1.0	23
203	FOXO1 Negates the Cooperative Action of FOXL2C134W and SMAD3 in CYP19 Expression in HGrc1 Cells by Sequestering SMAD3. <i>Journal of the Endocrine Society</i> , 2019, 3, 2064-2081.	0.1	8
204	Gonadal transcriptome analysis of the common carp, <i>Cyprinus carpio</i> : Identification of differentially expressed genes and SSRs. <i>General and Comparative Endocrinology</i> , 2019, 279, 67-77.	0.8	25
205	All-trans Retinoic Acid Disrupts Development in Ex Vivo Cultured Fetal Rat Testes. II: Modulation of Mono-(2-ethylhexyl) Phthalate Toxicity. <i>Toxicological Sciences</i> , 2019, 168, 149-159.	1.4	6
206	Female Sex Development and Reproductive Duct Formation Depend on Wnt4a in Zebrafish. <i>Genetics</i> , 2019, 211, 219-233.	1.2	43
207	Is sexual differentiation of brain and behavior epigenetic?. <i>Current Opinion in Behavioral Sciences</i> , 2019, 25, 83-88.	2.0	18
208	Identification and dimorphic expression of sex-related genes during gonadal differentiation in sterlet <i>Acipenser ruthenus</i> , a primitive fish species. <i>Aquaculture</i> , 2019, 500, 178-187.	1.7	14
209	Sestd1 Encodes a Developmentally Dynamic Synapse Protein That Complexes With BCR Rac1-GAP to Regulate Forebrain Dendrite, Spine and Synapse Formation. <i>Cerebral Cortex</i> , 2019, 29, 505-516.	1.6	7
210	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. <i>Molecular Psychiatry</i> , 2020, 25, 3053-3065.	4.1	80
211	Review: Molecular mechanisms of sex differentiation in sturgeons. <i>Reviews in Aquaculture</i> , 2020, 12, 1003-1027.	4.6	12
212	Aberrant granulosa cell-fate related to inactivated p53/Rb signaling contributes to granulosa cell tumors and to FOXL2 downregulation in the mouse ovary. <i>Oncogene</i> , 2020, 39, 1875-1890.	2.6	13
213	Zebrafish as an emerging model to study gonad development. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2373-2380.	1.9	21
214	Gonadal Transcriptome Analysis of Sex-Related Genes in the Protandrous Yellowfin Seabream (<i>Acanthopagrus latus</i>). <i>Frontiers in Genetics</i> , 2020, 11, 709.	1.1	14
215	Two distinct pathways of pregranulosa cell differentiation support follicle formation in the mouse ovary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20015-20026.	3.3	137
216	Gonad-Specific Transcriptomes Reveal Differential Expression of Gene and miRNA Between Male and Female of the Discus Fish (<i>Symphysodon aequifasciatus</i>). <i>Frontiers in Physiology</i> , 2020, 11, 754.	1.3	10
217	Sox Gene Family Revealed Genetic Variations in Autotetraploid <i>Carassius auratus</i> . <i>Frontiers in Genetics</i> , 2020, 11, 804.	1.1	5

#	ARTICLE	IF	CITATIONS
218	Loss of <i>dmrt1</i> restores female fates in the absence of <i>cyp19a1a</i> but not <i>rbpms2a/b</i> . <i>Development (Cambridge)</i> , 2020, 147, .	1.2	16
219	Sex Manipulation Technologies Progress in Livestock: A Review. <i>Frontiers in Veterinary Science</i> , 2020, 7, 481.	0.9	21
220	Histological Evaluation of Gonad Impairments in Russian Sturgeon (<i>Acipenser gueldenstaedtii</i>) Reared in Recirculating Aquatic System (RAS). <i>Animals</i> , 2020, 10, 1439.	1.0	3
221	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
222	Transcriptome of tambaqui <i>Colossoma macropomum</i> during gonad differentiation: Different molecular signals leading to sex identity. <i>Genomics</i> , 2020, 112, 2478-2488.	1.3	29
223	FOXL2 is a Progesterone Target Gene in the Endometrium of Ruminants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1478.	1.8	9
224	R-spondin2 signaling is required for oocyte-driven intercellular communication and follicular growth. <i>Cell Death and Differentiation</i> , 2020, 27, 2856-2871.	5.0	24
225	Cleft lip and cleft palate (CL/P) in <i>Esrp1</i> KO mice is associated with alterations in epithelial-mesenchymal crosstalk. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	42
226	Full-length transcriptome sequencing and comparative transcriptomic analysis to uncover genes involved in early gametogenesis in the gonads of Amur sturgeon (<i>Acipenser schrenckii</i>). <i>Frontiers in Zoology</i> , 2020, 17, 11.	0.9	21
227	In the chick embryo, estrogen can induce chromosomally male ZZ left gonad epithelial cells to form an ovarian cortex, which supports oogenesis. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	34
228	Effects of 11-Ketotestosterone on Development of the Previtellogenic Ovary in the Sterlet, <i>Acipenser ruthenus</i> . <i>Frontiers in Endocrinology</i> , 2020, 11, 115.	1.5	14
229	Disorders of Sex Development—Novel Regulators, Impacts on Fertility, and Options for Fertility Preservation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2282.	1.8	29
230	Interactive role of Wnt signaling and Zn in regulating testicular function of the common carp, <i>Cyprinus carpio</i> . <i>Theriogenology</i> , 2021, 161, 161-175.	0.9	5
231	Knockout of <i>myoc</i> Provides Evidence for the Role of Myocilin in Zebrafish Sex Determination Associated with Wnt Signalling Downregulation. <i>Biology</i> , 2021, 10, 98.	1.3	2
232	Environmental Cues and Mechanisms Underpinning Sex Change in Fish. <i>Sexual Development</i> , 2021, 15, 108-121.	1.1	13
233	The role of pituitary gonadotropins and intraovarian regulators in follicle development: A mini-review. <i>Reproductive Medicine and Biology</i> , 2021, 20, 169-175.	1.0	46
234	Considering Sex as a Biological Variable in Basic and Clinical Studies: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2021, 42, 219-258.	8.9	61
235	Establishing and maintaining fertility: the importance of cell cycle arrest. <i>Genes and Development</i> , 2021, 35, 619-634.	2.7	12

#	ARTICLE	IF	CITATIONS
236	Human gene polymorphisms and their possible impact on the clinical outcome of SARS-CoV-2 infection. <i>Archives of Virology</i> , 2021, 166, 2089-2108.	0.9	35
237	As above, so below: Whole transcriptome profiling demonstrates strong molecular similarities between avian dorsal and ventral pallial subdivisions. <i>Journal of Comparative Neurology</i> , 2021, 529, 3222-3246.	0.9	15
238	Towards improved genetic diagnosis of human differences of sex development. <i>Nature Reviews Genetics</i> , 2021, 22, 588-602.	7.7	35
239	The conserved sex regulator DMRT1 recruits SOX9 in sexual cell fate reprogramming. <i>Nucleic Acids Research</i> , 2021, 49, 6144-6164.	6.5	29
240	Association between genes regulating neural pathways for quantitative traits of speech and language disorders. <i>Npj Genomic Medicine</i> , 2021, 6, 64.	1.7	7
241	A Y-linked anti-Müllerian hormone type-II receptor is the sex-determining gene in ayu, <i>Plecoglossus altivelis</i> . <i>PLoS Genetics</i> , 2021, 17, e1009705.	1.5	25
242	Intrinsic positional memory guides target-specific axon regeneration in the zebrafish vagus nerve. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	11
243	Detection of selection signatures in the genome of a farmed population of anadromous rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Genomics</i> , 2021, 113, 3395-3404.	1.3	11
244	Extended-spectrum β -lactamase-encoding genes are spreading on a wide range of <i>Escherichia coli</i> plasmids existing prior to the use of third-generation cephalosporins. <i>Microbial Genomics</i> , 2018, 4, .	1.0	33
245	Characterization of Flower-Bud Transcriptome and Development of Genic SSR Markers in Asian Lotus (<i>Nelumbo nucifera</i> Gaertn.). <i>PLoS ONE</i> , 2014, 9, e112223.	1.1	15
246	Natural Variation in Fish Transcriptomes: Comparative Analysis of the Fathead Minnow (<i>Pimephales</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	14
247	A Transcriptome Derived Female-Specific Marker from the Invasive Western Mosquitofish (<i>Gambusia</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 26	1.1	26
248	Molecular Signatures Discriminating the Male and the Female Sexual Pathways in the Pearl Oyster <i>Pinctada margaritifera</i> . <i>PLoS ONE</i> , 2015, 10, e0122819.	1.1	22
249	Adaptation of a Bioinformatics Microarray Analysis Workflow for a Toxicogenomic Study in Rainbow Trout. <i>PLoS ONE</i> , 2015, 10, e0128598.	1.1	5
250	Comparative Transcriptome Analysis Reveals Sex-Biased Gene Expression in Juvenile Chinese Mitten Crab <i>Eriocheir sinensis</i> . <i>PLoS ONE</i> , 2015, 10, e0133068.	1.1	42
251	Selecting Superior De Novo Transcriptome Assemblies: Lessons Learned by Leveraging the Best Plant Genome. <i>PLoS ONE</i> , 2016, 11, e0146062.	1.1	93
252	Identification of Immune-Related Genes and Development of SSR/SNP Markers from the Spleen Transcriptome of <i>Schizothorax prenanti</i> . <i>PLoS ONE</i> , 2016, 11, e0152572.	1.1	21
253	Ex vivo cultures combined with vivo-morpholino induced gene knockdown provide a system to assess the role of WT1 and GATA4 during gonad differentiation. <i>PLoS ONE</i> , 2017, 12, e0176296.	1.1	13

#	ARTICLE	IF	CITATIONS
254	De novo transcriptome assembly and analysis of differential gene expression in response to drought in European beech. PLoS ONE, 2017, 12, e0184167.	1.1	28
255	Paternity assignment in the polyploid <i>Acipenser dabryanus</i> based on a novel microsatellite marker system. PLoS ONE, 2017, 12, e0185280.	1.1	7
256	Expression profile of <i>amh/Amh</i> during bi-directional sex change in the protogynous orange-spotted grouper <i>Epinephelus coioides</i> . PLoS ONE, 2017, 12, e0185864.	1.1	18
257	An alternative miRISC targets a cancer-associated coding sequence mutation in FOXL2. EMBO Journal, 2020, 39, e104719.	3.5	18
258	WOMEN IN REPRODUCTIVE SCIENCE: To be or not to be a testis. Reproduction, 2019, 158, F101-F111.	1.1	9
259	New insights into testicular granulosa cell tumors (Review). Oncology Letters, 2020, 20, 1-1.	0.8	6
260	Sox9 and Sox8 protect the adult testis from male-to-female genetic reprogramming and complete degeneration. ELife, 2016, 5, .	2.8	74
261	Gonadal transcriptome sequencing of the critically endangered <i>Acipenser dabryanus</i> to discover candidate sex-related genes. PeerJ, 2018, 6, e5389.	0.9	20
262	Transcriptome sequencing and comparative analysis of adult ovary and testis identify potential gonadal maintenance-related genes in <i>Mauremys reevesii</i> with temperature-dependent sex determination. PeerJ, 2019, 7, e6557.	0.9	18
263	Conservation and diversity in expression of candidate genes regulating socially-induced female-male sex change in wrasses. PeerJ, 2019, 7, e7032.	0.9	23
264	Integrative analysis reveals pathways associated with sex reversal in <i>Cynoglossus semilaevis</i> . PeerJ, 2020, 8, e8801.	0.9	5
265	Intersexuality of <i>Scomberomorus niphonius</i> from the Coastal Area around Jeju Island, Korea (Teleostei: Scombridae). Development & Reproduction, 2013, 17, 73-78.	0.5	0
266	Comparative De Novo Transcriptome Assembly of RNA-seq Data using Two Commercial Software Programs. Californian Journal of Health Promotion, 2018, 16, 46-53.	0.3	1
267	Cis-Regulatory Control of Mammalian Sex Determination. Sexual Development, 2021, 15, 317-334.	1.1	6
269	The Chromatin State during Gonadal Sex Determination. Sexual Development, 2021, 15, 308-316.	1.1	5
270	Transcriptional control of human gametogenesis. Human Reproduction Update, 2022, 28, 313-345.	5.2	7
271	Loss of NEDD4 causes complete XY gonadal sex reversal in mice. Cell Death and Disease, 2022, 13, 75.	2.7	2
272	M6A demethylase FTO-mediated downregulation of DACT1 mRNA stability promotes Wnt signaling to facilitate osteosarcoma progression. Oncogene, 2022, 41, 1727-1741.	2.6	28

#	ARTICLE	IF	CITATIONS
273	Sox9 is involved in the thyroid differentiation program and is regulated by crosstalk between TSH, TGF β 2 and thyroid transcription factors. <i>Scientific Reports</i> , 2022, 12, 2144.	1.6	5
274	Modern Approaches for Transcriptome Analyses in Plants. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1346, 11-50.	0.8	0
275	Sex Specific Transcriptional Regulation of Gonadal Steroidogenesis in Teleost Fishes. <i>Frontiers in Endocrinology</i> , 2022, 13, 820241.	1.5	4
276	Lrh1 can help reprogram sexual cell fate and is required for Sertoli cell development and spermatogenesis in the mouse testis. <i>PLoS Genetics</i> , 2022, 18, e1010088.	1.5	1
277	Medaka embryos as a model for metabolism of anabolic steroids. <i>Archives of Toxicology</i> , 2022, , 1.	1.9	1
278	The Ovarian Transcriptome at the Early Stage of Testis Removal-Induced Male-To-Female Sex Change in the Protandrous Black Porgy <i>Acanthopagrus schlegelii</i> . <i>Frontiers in Genetics</i> , 2022, 13, 816955.	1.1	4
279	Renal metastasis of ovarian granulosa cell tumor. <i>IJU Case Reports</i> , 2022, 5, 186-190.	0.1	2
280	Proteome and Transcriptome Analysis of Gonads Reveals Intersex in <i>Gigantidas haimaensis</i> . <i>BMC Genomics</i> , 2022, 23, 174.	1.2	3
281	Somatic regulation of female germ cell regeneration and development in planarians. <i>Cell Reports</i> , 2022, 38, 110525.	2.9	9
282	Sex-Biased miRNAs in the Gonads of Adult Chinese Alligator (<i>Alligator sinensis</i>) and Their Potential Roles in Sex Maintenance. <i>Frontiers in Genetics</i> , 2022, 13, 843884.	1.1	0
283	Sexual determination in zebrafish. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 8.	2.4	17
284	Sex as a Biological Variable in Nutrition Research: From Human Studies to Animal Models. <i>Annual Review of Nutrition</i> , 2022, 42, 227-250.	4.3	13
285	Dissecting Human Gonadal Cell Lineage Specification and Sex Determination Using A Single-cell RNA-seq Approach. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 223-245.	3.0	9
286	Single-cell transcriptome reveals insights into the development and function of the zebrafish ovary. <i>ELife</i> , 2022, 11, .	2.8	46
287	Activin A and Sertoli Cells: Key to Fetal Testis Steroidogenesis. <i>Frontiers in Endocrinology</i> , 2022, 13, .	1.5	6
288	Loss of <i>Raptor</i> induces Sertoli cells into an undifferentiated state in mice. <i>Biology of Reproduction</i> , 2022, 107, 1125-1138.	1.2	1
289	Comparative transcriptome provides insights into differentially expressed genes between testis and ovary of <i>Onychostoma macrolepis</i> in reproduction period. <i>General and Comparative Endocrinology</i> , 2022, 326, 114066.	0.8	3
290	Models and Molecular Markers of Spermatogonial Stem Cells in Vertebrates: To Find Models in Nonmammals. <i>Stem Cells International</i> , 2022, 2022, 1-11.	1.2	4

#	ARTICLE	IF	CITATIONS
291	Whole-Transcriptome Analysis Identifies Gender Dimorphic Expressions of Mrnas and Non-Coding Rnas in Chinese Soft-Shell Turtle (<i>Pelodiscus sinensis</i>). <i>Biology</i> , 2022, 11, 834.	1.3	6
292	Deciphering Sex-Specific Differentiation of Human Fetal Gonads: Insight From Experimental Models. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	5
293	Feminization of channel catfish with 17 β -oestradiol involves methylation and expression of a specific set of genes independent of the sex determination region. <i>Epigenetics</i> , 2022, 17, 1820-1837.	1.3	5
294	Sex-specific differences in zebrafish brains. <i>Biology of Sex Differences</i> , 2022, 13, .	1.8	7
295	Establishment of a <i>Coilia nasus</i> Gonadal Somatic Cell Line Capable of Sperm Induction In Vitro. <i>Biology</i> , 2022, 11, 1049.	1.3	3
296	Early Gonadal Development and Sex Determination in Mammal. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7500.	1.8	3
297	Single-cell roadmap of human gonadal development. <i>Nature</i> , 2022, 607, 540-547.	13.7	122
298	TRIM28-dependent SUMOylation protects the adult ovary from activation of the testicular pathway. <i>Nature Communications</i> , 2022, 13, .	5.8	15
299	Circular RNA expression profiles and CircSnd1-miR-135b/c-foxl2 axis analysis in gonadal differentiation of protogynous hermaphroditic ricefield eel <i>Monopterus albus</i> . <i>BMC Genomics</i> , 2022, 23, .	1.2	3
300	Transcriptome Profiling and Expression Localization of Key Sex-Related Genes in a Socially-Controlled Hermaphroditic Clownfish, <i>Amphiprion clarkii</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 9085.	1.8	6
301	Identification and expression analysis of sex biased miRNAs in chinese hook snout carp <i>Opsariichthys bidens</i> . <i>Frontiers in Genetics</i> , 0, 13, .	1.1	2
302	Potential Involvement of <i>ews1-w</i> Gene in Ovarian Development of Chinese Tongue Sole, <i>Cynoglossus semilaevis</i> . <i>Animals</i> , 2022, 12, 2503.	1.0	2
303	Insights into the global freshwater virome. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	8
304	Becoming female: Ovarian differentiation from an evolutionary perspective. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	5
305	Genomics of sexual cell fate transdifferentiation in the mouse gonad. <i>G3: Genes, Genomes, Genetics</i> , 0, , .	0.8	2
306	Estimates of global research productivity in primary ovarian insufficiency from 2000 to 2021: Bibliometric analysis. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	0
307	Gonadal Sex Differentiation and Ovarian Organogenesis along the Corticalâ€“Medullary Axis in Mammals. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13373.	1.8	2
308	RNA-Seq analysis of ovary and testis reveals potential differentially expressed transcripts associated with gonadal unsynchronization development in <i>Onychostoma macrolepis</i> . <i>Gene Expression Patterns</i> , 2023, 47, 119303.	0.3	2

#	ARTICLE	IF	CITATIONS
309	Molecular cloning and expression patterns of a sex-biased transcriptional factor Foxl2 in the giant freshwater prawn (<i>Macrobrachium rosenbergii</i>). <i>Molecular Biology Reports</i> , 2023, 50, 3581-3591.	1.0	1
310	Turnover of mammal sex chromosomes in the <i>Sry</i> -deficient Amami spiny rat is due to male-specific upregulation of <i>Sox9</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	21
311	Cooperative effects of oocytes and estrogen on the forkhead box L2 expression in mural granulosa cells in mice. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
312	Loss of WNT4 in the gubernaculum causes unilateral cryptorchidism and fertility defects. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	2
313	Dynamic transcriptome analysis reveals the gene network of gonadal development from the early history life stages in dwarf surfclam <i>Mulinia lateralis</i> . <i>Biology of Sex Differences</i> , 2022, 13, .	1.8	3
314	In vitro cellular reprogramming to model gonad development and its disorders. <i>Science Advances</i> , 2023, 9, .	4.7	7
315	Comprehensive Analysis of Differentially Expressed CircRNAs in the Ovaries of Low- and High-Fertility Sheep. <i>Animals</i> , 2023, 13, 236.	1.0	1
316	Lipoprotein receptors in ovary of eel, <i>Anguilla australis</i> : molecular characterisation of putative vitellogenin receptors. <i>Fish Physiology and Biochemistry</i> , 0, , .	0.9	0
317	<i>Amh/Amhr2</i> Signaling Causes Masculinization by Inhibiting Estrogen Synthesis during Gonadal Sex Differentiation in Japanese Flounder (<i>Paralichthys olivaceus</i>). <i>International Journal of Molecular Sciences</i> , 2023, 24, 2480.	1.8	4
318	Master-Key Regulators of Sex Determination in Fish and Other Vertebrates—A Review. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2468.	1.8	2
319	miR-124-3p regulates the proliferation and differentiation of retinal progenitor cells through SEPT10. <i>Cell and Tissue Research</i> , 2023, 392, 689-704.	1.5	1
320	Two Novel lncRNAs Regulate Primordial Germ Cell Development in Zebrafish. <i>Cells</i> , 2023, 12, 672.	1.8	2
321	Directed differentiation of human iPSCs to functional ovarian granulosa-like cells via transcription factor overexpression. <i>ELife</i> , 0, 12, .	2.8	21
322	Lineage tracing of mutant granulosa cells reveals in vivo protective mechanisms that prevent granulosa cell tumorigenesis. <i>Cell Death and Differentiation</i> , 0, , .	5.0	1
323	Extensive search of genetic sex markers in Siberian (<i>Acipenser baerii</i>) and Atlantic (<i>A. oxyrinchus</i>) sturgeons. <i>Aquaculture</i> , 2023, 573, 739517.	1.7	1
324	Genetic control of typical and atypical sex development. <i>Nature Reviews Urology</i> , 2023, 20, 434-451.	1.9	9
325	Gonadal transcriptomes reveal sex-biased expression genes associated with sex determination and differentiation in red-tail catfish (<i>Hemibagrus wyckiioides</i>). <i>BMC Genomics</i> , 2023, 24, .	1.2	6
326	ER α in granulosa cell tumors and its clinical potential. <i>Endocrinology</i> , 0, , .	1.4	1

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------