

RÃ¼diger W Schulz

List of Publications by Year in descending order

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127
papers

7,502
citations

44042

48
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60583

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all docs

132
docs citations

132
times ranked

3635
citing authors

#	ARTICLE	IF	CITATIONS
1	Spermatogenesis in fish. <i>General and Comparative Endocrinology</i> , 2010, 165, 390-411.	0.8	943
2	Control of puberty in farmed fish. <i>General and Comparative Endocrinology</i> , 2010, 165, 483-515.	0.8	537
3	Spermatogenesis and its endocrine regulation. <i>Fish Physiology and Biochemistry</i> , 2002, 26, 43-56.	0.9	304
4	Histological and Stereological Evaluation of Zebrafish (<i>Danio rerio</i>) Spermatogenesis with an Emphasis on Spermatogonial Generations. <i>Biology of Reproduction</i> , 2009, 81, 177-187.	1.2	220
5	Androgen receptor knockout ablates germ cells and demonstrates germ cell independent sex differentiation in Atlantic salmon. <i>Scientific Reports</i> , 2016, 6, 21284.	1.6	193
6	Discrepancy Between Molecular Structure and Ligand Selectivity of a Testicular Follicle-Stimulating Hormone Receptor of the African Catfish (<i>Clarias gariepinus</i>). <i>Biology of Reproduction</i> , 2001, 64, 1633-1643.	1.2	153
7	Sertoli Cell Proliferation in the Adult Testis: Evidence from Two Fish Species Belonging to Different Orders. <i>Biology of Reproduction</i> , 2005, 73, 891-898.	1.2	150
8	Distinct Efficacies for Two Endogenous Ligands on a Single Cognate Gonadoliberin Receptor. <i>FEBS Journal</i> , 1997, 243, 134-140.	0.2	140
9	Spermatogonial Stem Cell Niche and Spermatogonial Stem Cell Transplantation in Zebrafish. <i>PLoS ONE</i> , 2010, 5, e12808.	1.1	138
10	Studies in Zebrafish Reveal Unusual Cellular Expression Patterns of Gonadotropin Receptor Messenger Ribonucleic Acids in the Testis and Unexpected Functional Differentiation of the Gonadotropins. <i>Endocrinology</i> , 2010, 151, 2349-2360.	1.4	129
11	Gonadotropins, their receptors, and the regulation of testicular functions in fish. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 129, 407-417.	0.7	127
12	Proteolytically Activated, Recombinant Anti-Müllerian Hormone Inhibits Androgen Secretion, Proliferation, and Differentiation of Spermatogonia in Adult Zebrafish Testis Organ Cultures. <i>Endocrinology</i> , 2011, 152, 3527-3540.	1.4	125
13	Fish Stimulates Spermatogonial Proliferation and Differentiation in Zebrafish via Igf3. <i>Endocrinology</i> , 2015, 156, 3804-3817.	1.4	124
14	Functional characterization and expression analysis of the androgen receptor in zebrafish (<i>Danio rerio</i>). <i>Journal of Endocrinology</i> , 2007, 155, 107-117.	1.1	107
15	Measurement of five androgens in the blood of immature and maturing male rainbow trout, <i>Salmo gairdneri</i> (Richardson). <i>Steroids</i> , 1985, 46, 717-726.	0.8	101
16	Serum levels of 11-oxotestosterone in male and 17 β -estradiol in female rainbow trout (<i>Salmo gairdneri</i>) during the first reproductive cycle. <i>General and Comparative Endocrinology</i> , 1984, 56, 111-120.	0.8	97
17	Estrogen-Induced Alterations in <i>amh</i> and <i>dmrt1</i> Expression Signal for Disruption in Male Sexual Development in the Zebrafish. <i>Environmental Science & Technology</i> , 2007, 41, 6305-6310.	4.6	96
18	11-Oxygenated androgens in female teleosts: prevalence, abundance, and life history implications. <i>General and Comparative Endocrinology</i> , 2002, 129, 1-12.	0.8	95

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19	Both recombinant African catfish LH and FSH are able to activate the African catfish FSH receptor. <i>Journal of Molecular Endocrinology</i> , 2003, 31, 133-140.	1.1	91
20	Leydig Cells Express Follicle-Stimulating Hormone Receptors in African Catfish. <i>Endocrinology</i> , 2009, 150, 357-365.	1.4	89
21	Molecular Cloning and Functional Characterization of a Zebrafish Nuclear Progesterone Receptor1. <i>Biology of Reproduction</i> , 2010, 82, 171-181.	1.2	88
22	Seasonal changes in and effect of castration/androgen replacement on the plasma levels of five androgens in the male three-spined stickleback, <i>Gasterosteus aculeatus</i> L. <i>General and Comparative Endocrinology</i> , 1990, 79, 23-30.	0.8	85
23	A progestin (17 β ,20 β -dihydroxy-4-pregnen-3-one) stimulates early stages of spermatogenesis in zebrafish. <i>General and Comparative Endocrinology</i> , 2013, 185, 1-9.	0.8	84
24	Zebrafish primary testis tissue culture: An approach to study testis function ex vivo. <i>General and Comparative Endocrinology</i> , 2009, 162, 134-138.	0.8	83
25	Spermatogenesis in Atlantic Cod (<i>Gadus morhua</i>): A Novel Model of Cystic Germ Cell Development1. <i>Biology of Reproduction</i> , 2008, 78, 27-34.	1.2	78
26	Thyroid Hormone Stimulates the Proliferation of Sertoli Cells and Single Type A Spermatogonia in Adult Zebrafish (<i>Danio rerio</i>) Testis. <i>Endocrinology</i> , 2013, 154, 4365-4376.	1.4	74
27	Puberty in male fish: concepts and recent developments with special reference to the African catfish (<i>Clarias gariepinus</i>). <i>Aquaculture</i> , 1999, 177, 5-12.	1.7	71
28	Testosterone Inhibits 11-Ketotestosterone-Induced Spermatogenesis in African Catfish (<i>Clarias</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.2	69
29	Social stimulation, nuptial colouration, androgens and immunocompetence in a sexual dimorphic cichlid fish. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 599-609.	0.6	66
30	Mlh1 Deficiency in Zebrafish Results in Male Sterility and Aneuploid as Well as Triploid Progeny in Females. <i>Genetics</i> , 2007, 175, 1561-1569.	1.2	65
31	Seasonal endocrine changes in Baltic salmon, <i>Salmo salar</i> , immature parr and mature male parr. I. Plasma levels of five androgens, 17 β -hydroxy-20 β -dihydroprogesterone, and 17 β -estradiol. <i>Canadian Journal of Zoology</i> , 1990, 68, 1360-1365.	0.4	64
32	Plasma levels of five androgens and 17 β -hydroxy-20 β -dihydroprogesterone in immature and mature male Baltic salmon (<i>Salmo salar</i>) parr, and the effects of castration and androgen replacement in mature parr. <i>Canadian Journal of Zoology</i> , 1990, 68, 263-267.	0.4	61
33	Cloning and Spatiotemporal Expression of the Follicle-Stimulating Hormone β Subunit Complementary DNA in the African Catfish (<i>Clarias gariepinus</i>)1. <i>Biology of Reproduction</i> , 2003, 68, 1324-1332.	1.2	61
34	Pharmacological characterization, localization and quantification of expression of gonadotropin receptors in Atlantic salmon (<i>Salmo salar</i> L.) ovaries. <i>General and Comparative Endocrinology</i> , 2009, 163, 329-339.	0.8	61
35	Conversion of 11-ketoandrostenedione to 11-ketotestosterone by blood cells of six fish species. <i>General and Comparative Endocrinology</i> , 1990, 77, 70-74.	0.8	59
36	Production of recombinant channel catfish (<i>Ictalurus punctatus</i>) FSH and LH in S2 <i>Drosophila</i> cell line and an indication of their different actions. <i>Journal of Endocrinology</i> , 2007, 194, 407-416.	1.2	59

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37	Expression profiling identifies Sertoli and Leydig cell genes as Fsh targets in adult zebrafish testis. <i>Molecular and Cellular Endocrinology</i> , 2016, 437, 237-251.	1.6	58
38	Differences in Structureâ€“Function Relations between Nonmammalian and Mammalian Gonadotropin-Releasing Hormone Receptors. <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 517-522.	1.0	56
39	Antagonistic regulation of spermatogonial differentiation in zebrafish (<i>Danio rerio</i>) by Igf3 and Amh. <i>Molecular and Cellular Endocrinology</i> , 2017, 454, 112-124.	1.6	55
40	Sexual steroids during puberty in male African catfish (<i>Clarias gariepinus</i>): serum levels and gonadotropin-stimulated testicular secretion in vitro. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1994, 164, 195-205.	0.7	54
41	Maturation gonadotropin from the African catfish, <i>Clarias gariepinus</i> : Purification, characterization, localization, and biological activity. <i>General and Comparative Endocrinology</i> , 1992, 87, 327-341.	0.8	52
42	Gonadotrophs but not somatotrophs carry gonadotrophin-releasing hormone receptors: receptor localisation, intracellular calcium, and gonadotrophin and GH release. <i>Journal of Endocrinology</i> , 1997, 152, 437-446.	1.2	52
43	In vitro metabolism of steroid hormones in the liver and in blood cells of male rainbow trout (<i>Salmo</i>) Tj ETQq1 1 0.784314 rgBT /Overfoc 0,8 51	0.8	51
44	Fish FSH receptors bind LH: How to make the human FSH receptor to be more fishy?. <i>General and Comparative Endocrinology</i> , 2005, 142, 34-43.	0.8	51
45	INSL3 stimulates spermatogonial differentiation in testis of adult zebrafish (<i>Danio rerio</i>). <i>Cell and Tissue Research</i> , 2016, 363, 579-588.	1.5	51
46	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 1997, 17, 155-162.	0.9	50
47	Seasonal endocrine changes in male and female Arctic charr (<i>Salvelinus alpinus</i>). I. Plasma levels of three androgens, 17Î±-hydroxy-20Î²-dihydroprogesterone, and 17Î²-estradiol. <i>Canadian Journal of Zoology</i> , 1992, 70, 37-42.	0.4	49
48	Pituitary Gonadotrophs are Strongly Activated at the Beginning of Spermatogenesis in African Catfish, <i>Clarias Gariepinus</i> . <i>Biology of Reproduction</i> , 1997, 57, 139-147.	1.2	49
49	Salinity and photoperiod modulate pubertal development in Atlantic salmon (<i>Salmo salar</i>). <i>Journal of Endocrinology</i> , 2014, 220, 319-332.	1.2	49
50	Pituitary gonadotropin and ovarian gonadotropin receptor transcript levels: Seasonal and photoperiod-induced changes in the reproductive physiology of female Atlantic salmon (<i>Salmo salar</i>). <i>General and Comparative Endocrinology</i> , 2013, 191, 247-258.	0.8	46
51	Oestrogen-induced androgen insufficiency results in a reduction of proliferation and differentiation of spermatogonia in the zebrafish testis. <i>Journal of Endocrinology</i> , 2009, 202, 287-297.	1.2	45
52	Pubertal development of male African catfish, <i>Clarias gariepinus</i> . In vitro steroidogenesis by testis and interrenal tissue and plasma levels of sexual steroids. <i>Fish Physiology and Biochemistry</i> , 1997, 16, 129-138.	0.9	44
53	Cyp17a1 and Cyp19a1 in the zebrafish testis are differentially affected by oestradiol. <i>Journal of Endocrinology</i> , 2013, 216, 375-388.	1.2	43
54	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 1997, 17, 99-108.	0.9	41

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55	Rescue of germ cells in dnd crispant embryos opens the possibility to produce inherited sterility in Atlantic salmon. <i>Scientific Reports</i> , 2020, 10, 18042.	1.6	40
56	Steroid Hormones Stimulate Gonadotrophs in Juvenile Male African Catfish (<i>Clarias gariepinus</i>)1. <i>Biology of Reproduction</i> , 2001, 64, 1358-1365.	1.2	39
57	Hand-stripping of semen and semen quality after maturational hormone treatments, in African catfish <i>Clarias gariepinus</i> . <i>Aquaculture</i> , 2002, 213, 373-386.	1.7	39
58	Sex differentiation in Atlantic cod (<i>Gadus morhua</i> L.): morphological and gene expression studies. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 47.	1.4	39
59	Sex steroids and the initiation of puberty in male African catfish (<i>Clarias gariepinus</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1793-R1802.	0.9	38
60	Plasma levels of sex steroids in three species of pipefish (Syngnathidae). <i>Canadian Journal of Zoology</i> , 1993, 71, 1903-1907.	0.4	37
61	Pubertal Development of Male African Catfish (<i>Clarias Gariepinus</i>). Pituitary Ultrastructure and Responsiveness to Gonadotropin-Releasing Hormone. <i>Biology of Reproduction</i> , 1995, 53, 940-950.	1.2	37
62	Vgll3 and the Hippo pathway are regulated in Sertoli cells upon entry and during puberty in Atlantic salmon testis. <i>Scientific Reports</i> , 2018, 8, 1912.	1.6	37
63	Regulation of spermatogonial development by Fsh: The complementary roles of locally produced Igf and Wnt signaling molecules in adult zebrafish testis. <i>General and Comparative Endocrinology</i> , 2019, 284, 113244.	0.8	37
64	Characterization of testicular expression of P450 17 α -hydroxylase, 17,20-lyase in zebrafish and its perturbation by the pharmaceutical fungicide clotrimazole. <i>General and Comparative Endocrinology</i> , 2011, 174, 309-317.	0.8	36
65	A critical role of follicle-stimulating hormone (Fsh) in mediating the effect of clotrimazole on testicular steroidogenesis in adult zebrafish. <i>Toxicology</i> , 2012, 298, 30-39.	2.0	36
66	Androgens directly stimulate spermatogonial differentiation in juvenile Atlantic salmon (<i>Salmo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.8	36
67	A Radioimmunoassay for African Catfish Growth Hormone: Validation and Effects of Substances Modulating the Release of Growth Hormone. <i>General and Comparative Endocrinology</i> , 1996, 104, 147-155.	0.8	35
68	Effects of gonadotrophin-releasing hormone during the pubertal development of the male African catfish (<i>Clarias gariepinus</i>): gonadotrophin and androgen levels in plasma. <i>Journal of Endocrinology</i> , 1994, 140, 265-273.	1.2	34
69	Reproductive development of male and female tilapia hybrids (<i>Oreochromis niloticus</i> \times <i>O. aureus</i>) and changes in mRNA levels of gonadotropin (GtH) I? and II? subunits. <i>The Journal of Experimental Zoology</i> , 2000, 286, 64-75.	1.4	34
70	Hormone Profiles of Captive Striped Bass <i>Morone saxatilis</i> During Spermiation, and Long-Term Enhancement of Milt Production. <i>Journal of the World Aquaculture Society</i> , 1998, 29, 379-392.	1.2	33
71	Regulation of Steady-State Luteinizing Hormone Messenger Ribonucleic Acid Levels, De Novo Synthesis, and Release by Sex Steroids in Primary Pituitary Cell Cultures of Male African Catfish, <i>Clarias gariepinus</i> 1. <i>Biology of Reproduction</i> , 2000, 62, 864-872.	1.2	33
72	Estrogen-induced inhibition of spermatogenesis in zebrafish is largely reversed by androgen. <i>Journal of Molecular Endocrinology</i> , 2018, 60, 273-284.	1.1	33

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73	Igf Binding Proteins Protect Undifferentiated Spermatogonia in the Zebrafish Testis Against Excessive Differentiation. <i>Endocrinology</i> , 2016, 157, 4423-4433.	1.4	31
74	Inhibitory and Stimulatory Interactions Between Endogenous Gonadotropin-Releasing Hormones in the African Catfish (<i>Clarias gariepinus</i>)1. <i>Biology of Reproduction</i> , 2000, 62, 731-738.	1.2	30
75	Steroid secretion of rainbow trout testis in vitro: Variation during the reproductive cycle. <i>General and Comparative Endocrinology</i> , 1990, 80, 189-198.	0.8	29
76	Androgen-induced changes in Leydig cell ultrastructure and steroidogenesis in juvenile African catfish, <i>Clarias gariepinus</i> . <i>Cell and Tissue Research</i> , 1999, 297, 291-299.	1.5	28
77	Sertoli cell structure and function in anamniote vertebrates. , 2015, , 385-407.		28
78	Sex steroid production associated with puberty is absent in germ cell-free salmon. <i>Scientific Reports</i> , 2017, 7, 12584.	1.6	28
79	Igf3 activates β -catenin signaling to stimulate spermatogonial differentiation in zebrafish. <i>Journal of Endocrinology</i> , 2018, 238, 245-257.	1.2	27
80	Extragenadal 17β -hydroxysteroid dehydrogenase activity in rainbow trout. <i>General and Comparative Endocrinology</i> , 1991, 82, 197-205.	0.8	26
81	The feedback regulation of pituitary GTH-II secretion in male African catfish (<i>Clarias gariepinus</i>): Participation of 11-ketotestosterone. <i>Fish Physiology and Biochemistry</i> , 1993, 11, 107-115.	0.9	26
82	Sex steroid regulation of glutamate decarboxylase mRNA expression in goldfish brain is sexually dimorphic. <i>Journal of Neurochemistry</i> , 2001, 76, 945-956.	2.1	26
83	Photoperiod-Modulated Testis Maturation in Atlantic Cod (<i>Gadus morhua</i> , L.)1. <i>Biology of Reproduction</i> , 2009, 80, 631-640.	1.2	26
84	Effect of in vivo chronic exposure to clotrimazole on zebrafish testis function. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2747-2760.	2.7	26
85	Cloning, pharmacological characterization, and expression analysis of Atlantic salmon (<i>Salmo salar</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 11 24	1.1	24
86	PGE2 inhibits spermatogonia differentiation in zebrafish: interaction with Fsh and an androgen. <i>Journal of Endocrinology</i> , 2020, 244, 163-175.	1.2	24
87	Sexual maturation and smoltification in domesticated Atlantic salmon (<i>Salmo salar</i> L.) - is there a developmental conflict?. <i>Physiological Reports</i> , 2018, 6, e13809.	0.7	23
88	Pituitary gonadotropin and testicular gonadotropin receptor expression in Atlantic cod (<i>Gadus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 <i>Comparative Endocrinology</i> , 2011, 173, 111-119.	0.8	22
89	Follicle-Stimulating Hormone Regulates igfbp Gene Expression Directly or via Downstream Effectors to Modulate Igf3 Effects on Zebrafish Spermatogenesis. <i>Frontiers in Endocrinology</i> , 2017, 8, 328.	1.5	22
90	Completion of meiosis in male zebrafish (<i>Danio rerio</i>) despite lack of DNA mismatch repair gene <i>mlh1</i> . <i>Cell and Tissue Research</i> , 2008, 332, 133-139.	1.5	20

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91	Two gonadotropin-releasing hormones in the African catfish, <i>Clarias gariepinus</i> : localization, pituitary receptor binding, and gonadotropin release activity. <i>Endocrinology</i> , 1993, 133, 1569-1577.	1.4	20
92	Fsh stimulates Leydig cell Wnt5a production, enriching zebrafish type A spermatogonia. <i>Journal of Endocrinology</i> , 2018, 239, 351-363.	1.2	20
93	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 1997, 17, 45-51.	0.9	19
94	Cloning, pharmacological characterization and expression analysis of Atlantic cod (<i>Gadus morhua</i>), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	19
95	Sertoli cell proliferation in the adult testis is induced by unilateral gonadectomy in African catfish. <i>General and Comparative Endocrinology</i> , 2012, 177, 160-167.	0.8	19
96	Androgen feedback effects on LH and FSH, and photoperiodic control of reproduction in male three-spined sticklebacks, <i>Gasterosteus aculeatus</i> . <i>General and Comparative Endocrinology</i> , 2013, 182, 16-23.	0.8	19
97	Androgens modulate testicular androgen production in African catfish (<i>Clarias gariepinus</i>) depending on the stage of maturity and type of androgen. <i>General and Comparative Endocrinology</i> , 2008, 156, 154-163.	0.8	18
98	Receptor-selective determinants in catfish gonadotropin seat-belt loops. <i>Molecular and Cellular Endocrinology</i> , 2004, 224, 55-63.	1.6	17
99	Termination of puberty in out-of-season male Atlantic salmon smolts. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 232, 60-66.	0.8	17
100	Development of supermale and all-male Atlantic salmon to research the <i>vgl13</i> allele - puberty link. <i>BMC Genetics</i> , 2020, 21, 123.	2.7	17
101	Specific binding of 11-ketotestosterone in an androgen target organ, the kidney of the male three-spined stickleback, <i>Gasterosteus aculeatus</i> . <i>Fish Physiology and Biochemistry</i> , 1996, 15, 459-467.	0.9	16
102	GnRH stimulates LH release directly via inositol phosphate and indirectly via cAMP in African catfish. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 278, R1572-R1578.	0.9	16
103	Effects of re-stripping on the seminal characteristics of pacu (<i>Piaractus mesopotamicus</i>) during the breeding season. <i>General and Comparative Endocrinology</i> , 2016, 225, 162-173.	0.8	16
104	Metabolism of androstenedione and 11-ketotestosterone in the kidney of the three-spined stickleback, <i>Gasterosteus aculeatus</i> . <i>General and Comparative Endocrinology</i> , 1992, 86, 248-256.	0.8	15
105	The initiation of puberty in Atlantic salmon brings about large changes in testicular gene expression that are modulated by the energy status. <i>BMC Genomics</i> , 2019, 20, 475.	1.2	15
106	Entry into puberty is reflected in changes in hormone production but not in testicular receptor expression in Atlantic salmon (<i>Salmo salar</i>). <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 48.	1.4	14
107	Endocrine and local signaling interact to regulate spermatogenesis in zebrafish: Follicle-stimulating hormone, retinoic acid and androgens. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	13
108	Modulation of Testicular Androgen Production in Adolescent African Catfish (<i>Clarias gariepinus</i>). <i>General and Comparative Endocrinology</i> , 1997, 108, 56-66.	0.8	11

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109	Insulin-like 3 affects zebrafish spermatogenic cells directly and via Sertoli cells. <i>Communications Biology</i> , 2021, 4, 204.	2.0	11
110	Gonadotropin stimulated androgen secretion of rainbow trout (<i>Salmo gairdneri richardson</i>) testis In vitro. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1987, 88, 49-54.	0.7	10
111	A receptor preparation from testes of <i>Salmo gairdneri</i> (Richardson): In Vitro binding studies with 125I-labeled hCG and trout pituitary proteins. <i>General and Comparative Endocrinology</i> , 1984, 54, 132-138.	0.8	7
112	Gonadotropin-Releasing Hormone Fibers Innervate the Pituitary of the Male African Catfish <i>Clarias gariepinus</i> during Puberty. <i>Neuroendocrinology</i> , 2000, 72, 252-262.	1.2	7
113	Variations of gonadal cAMP-content of male and female rainbow trout, <i>Salmo gairdneri</i> (Richardson) during the reproductive cycle. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1981, 70, 53-56.	0.7	6
114	RIA Determination and immunofluorescence localization of cyclic nucleotides in rainbow trout (<i>Salmo gairdneri</i>) testes. <i>General and Comparative Endocrinology</i> , 1985, 57, 301-308.	0.8	6
115	Loss of <i>stra8</i> Increases Germ Cell Apoptosis but Is Still Compatible With Sperm Production in Atlantic Salmon (<i>Salmo salar</i>). <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 657192.	1.8	6
116	A particulate membrane preparation from ovaries of preovulatory rainbow trout (<i>Salmo gairdnerii</i>): Binding studies with 125I-human chorionic gonadotropin. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 82, 429-433.	0.7	5
117	Gonadotropin-Releasing Hormones and Their Receptors in Fish. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 41-46.	1.8	5
118	Sex Steroids Have Diverse Effects on Pituitary Gland and Testis during Puberty in African Catfish <i>Clarias gariepinus</i> . <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 584-585.	1.8	5
119	Elimination of the nucleus in preovulatory oocytes of the rainbow trout, <i>Salmo gairdneri</i> Richardson (Teleostei). <i>Cell and Tissue Research</i> , 1983, 232, 685-689.	1.5	4
120	Salmon gonadotropin (sGTH) immunoreactivity and 11-oxotestosterone secretion of mature rainbow trout (<i>Salmo gairdneri</i>) testes in vitro: an alternative to radio-receptor assay for sGTH-binding studies. <i>Cell and Tissue Research</i> , 1988, 251, 665-669.	1.5	4
121	Enhanced growth without accelerated puberty in fish: A role for the melanocortin system. <i>Aquaculture</i> , 2021, 540, 736721.	1.7	4
122	Reproductive development of male and female tilapia hybrids (<i>Oreochromis niloticus</i> × <i>O. aureus</i>) and changes in mRNA levels of gonadotropin (GtH) II ² and III ² subunits. <i>The Journal of Experimental Zoology</i> , 2000, 286, 64-75.	1.4	4
123	Pituitary Gonadotropin Gene Expression During Induced Onset of Postsmolt Maturation in Male Atlantic Salmon: In Vivo and Tissue Culture Studies. <i>Frontiers in Endocrinology</i> , 2022, 13, 826920.	1.5	4
124	Puberty in Fish. , 2018, , 426-429.		3
125	Molecular Cloning of a Gonadotropin-Releasing Hormone Receptor cDNA from the Red Sea Bream, <i>Pagrus major</i> . <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 518-519.	1.8	1
126	Spermatogenesis and Spermiogenesis, <i>Fish.</i> , 2018, , 297-304.		1

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127	3. Sterile Atlantic salmon by gene editing. Nippon Suisan Gakkaishi, 2020, 86, 101-101.	0.0	0