

Peter Thomas

List of Publications by Year in descending order

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290
papers

17,323
citations

12330
69
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22166
113
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docs citations

291
times ranked

8883
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning, expression, and characterization of a membrane progesterin receptor and evidence it is an intermediary in meiotic maturation of fish oocytes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2231-2236.	7.1	748
2	Identification, classification, and partial characterization of genes in humans and other vertebrates homologous to a fish membrane progesterin receptor. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2237-2242.	7.1	660
3	Binding and activation of the seven-transmembrane estrogen receptor GPR30 by environmental estrogens: A potential novel mechanism of endocrine disruption. Journal of Steroid Biochemistry and Molecular Biology, 2006, 102, 175-179.	2.5	518
4	Identification of a third distinct estrogen receptor and reclassification of estrogen receptors in teleosts. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 10751-10756.	7.1	405
5	GPR30: a seven-transmembrane-spanning estrogen receptor that triggers EGF release. Trends in Endocrinology and Metabolism, 2005, 16, 362-367.	7.1	338
6	Characteristics of membrane progesterin receptor alpha (mPR α) and progesterone membrane receptor component 1 (PGMRC1) and their roles in mediating rapid progesterin actions. Frontiers in Neuroendocrinology, 2008, 29, 292-312.	5.2	311
7	Minireview: G Protein-Coupled Estrogen Receptor-1, GPER-1: Its Mechanism of Action and Role in Female Reproductive Cancer, Renal and Vascular Physiology. Endocrinology, 2012, 153, 2953-2962.	2.8	283
8	Overview of a workshop on screening methods for detecting potential (anti)estrogenic/androgenic chemicals in wildlife. Environmental Toxicology and Chemistry, 1998, 17, 68-87.	4.3	274
9	Progesterone Signaling in Human Myometrium through Two Novel Membrane G Protein-Coupled Receptors: Potential Role in Functional Progesterone Withdrawal at Term. Molecular Endocrinology, 2006, 20, 1519-1534.	3.7	274
10	Steroid and G Protein Binding Characteristics of the Seatrout and Human Progesterin Membrane Receptor α Subtypes and Their Evolutionary Origins. Endocrinology, 2007, 148, 705-718.	2.8	266
11	Twenty years of the G protein-coupled estrogen receptor GPER: Historical and personal perspectives. Journal of Steroid Biochemistry and Molecular Biology, 2018, 176, 4-15.	2.5	183
12	Characterization, Neurosteroid Binding and Brain Distribution of Human Membrane Progesterone Receptors α and β (mPR α and mPR β) and mPR α Involvement in Neurosteroid Inhibition of Apoptosis. Endocrinology, 2013, 154, 283-295.	2.8	177
13	Expression of membrane progesterone receptors on human T lymphocytes and Jurkat cells and activation of G-proteins by progesterone. Journal of Endocrinology, 2007, 196, 67-77.	2.6	168
14	Widespread endocrine disruption and reproductive impairment in an estuarine fish population exposed to seasonal hypoxia. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2693-2702.	2.6	165
15	Gonadotropic control of ovarian follicle maturation: the two-stage concept and its mechanisms. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 129, 427-439.	1.6	154
16	Effects of Estrogens and Xenoestrogens on Androgen Production by Atlantic Croaker Testes In Vitro: Evidence for a Nongenomic Action Mediated by an Estrogen Membrane Receptor1. Biology of Reproduction, 2000, 62, 995-1004.	2.7	149
17	Plasma cortisol and glucose stress responses of red drum (<i>Sciaenops ocellatus</i>) to handling and shallow water stressors and anesthesia with MS-222, quinaldine sulfate and metomidate. Aquaculture, 1991, 96, 69-86.	3.5	144
18	Membrane Progesterone Receptors: Evidence for Neuroprotective, Neurosteroid Signaling and Neuroendocrine Functions in Neuronal Cells. Neuroendocrinology, 2012, 96, 162-171.	2.5	139

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19	Rapid steroid hormone actions initiated at the cell surface and the receptors that mediate them with an emphasis on recent progress in fish models. <i>General and Comparative Endocrinology</i> , 2012, 175, 367-383.	1.8	139
20	Identification of 17 β ,20 β ,21-trihydroxy-4-pregnen-3-one as the major ovarian steroid produced by the teleost <i>Micropogonias undulatus</i> during final oocyte maturation. <i>Steroids</i> , 1986, 47, 89-99.	1.8	134
21	Molecular cloning, characterization and expression of two hypoxia-inducible factor alpha subunits, HIF-1 α and HIF-2 α , in a hypoxia-tolerant marine teleost, Atlantic croaker (<i>Micropogonias undulatus</i>). <i>Gene</i> , 2007, 396, 273-282.	2.2	134
22	Characterization of Two Nuclear Androgen Receptors in Atlantic Croaker: Comparison of Their Biochemical Properties and Binding Specificities*. <i>Endocrinology</i> , 1999, 140, 1602-1611.	2.8	133
23	Identification and Characterization of Membrane Androgen Receptors in the ZIP9 Zinc Transporter Subfamily: II. Role of Human ZIP9 in Testosterone-Induced Prostate and Breast Cancer Cell Apoptosis. <i>Endocrinology</i> , 2014, 155, 4250-4265.	2.8	133
24	Characterization of membrane receptor activity for 17 β ,20 β ,21-trihydroxy-4-pregnen-3-one in ovaries of spotted seatrout (<i>Cynoscion nebulosus</i>). <i>General and Comparative Endocrinology</i> , 1990, 78, 204-217.	1.8	132
25	Plasma cortisol and secondary stress responses of cultured red drum (<i>Sciaenops ocellatus</i>) to several transportation procedures. <i>Aquaculture</i> , 1988, 68, 115-130.	3.5	130
26	Estrogen Signaling Characteristics of Atlantic Croaker G Protein-Coupled Receptor 30 (GPR30) and Evidence It Is Involved in Maintenance of Oocyte Meiotic Arrest. <i>Endocrinology</i> , 2008, 149, 3410-3426.	2.8	123
27	Regulation of gonadal steroidogenesis in <i>Fundulus heteroclitus</i> by recombinant salmon growth hormone and purified salmon prolactin. <i>General and Comparative Endocrinology</i> , 1988, 72, 144-153.	1.8	120
28	Effects of Gonadotropin on Ovarian Intrafollicular Processes during the Development of Oocyte Maturation Competence in a Teleost, the Atlantic Croaker: Evidence for Two Distinct Stages of Gonadotropic Control of Final Oocyte Maturation1. <i>Biology of Reproduction</i> , 1990, 43, 818-827.	2.7	120
29	Sex Change and Steroid Profiles in the Protandrous Anemonefish <i>Amphiprion melanopus</i> (Pomacentridae, Teleostei). <i>General and Comparative Endocrinology</i> , 1993, 91, 144-157.	1.8	120
30	Multiple rapid progestin actions and progestin membrane receptor subtypes in fish. <i>Steroids</i> , 2004, 69, 567-573.	1.8	119
31	Teleost model for studying the effects of chemicals on female reproductive endocrine function. <i>The Journal of Experimental Zoology</i> , 1990, 256, 126-128.	1.4	117
32	Role of G protein-coupled estrogen receptor 1, GPER, in inhibition of oocyte maturation by endogenous estrogens in zebrafish. <i>Developmental Biology</i> , 2010, 342, 194-206.	2.0	114
33	Evidence that 17 β ,20 β ,21-trihydroxy-4-pregnen-3-one is a maturation-inducing steroid in spotted seatrout. <i>Fish Physiology and Biochemistry</i> , 1989, 7, 185-191.	2.3	113
34	Enhancement of Cell Surface Expression and Receptor Functions of Membrane Progestin Receptor 1 α (mPR1 α) by Progesterone Receptor Membrane Component 1 (PGRMC1): Evidence for a Role of PGRMC1 as an Adaptor Protein for Steroid Receptors. <i>Endocrinology</i> , 2014, 155, 1107-1119.	2.8	113
35	Isolation of a novel maturation-inducing steroid produced in vitro by ovaries of Atlantic croaker. <i>General and Comparative Endocrinology</i> , 1989, 75, 397-404.	1.8	108
36	Progestin membrane receptors involved in the meiotic maturation of teleost oocytes: a review with some new findings. <i>Steroids</i> , 2002, 67, 511-517.	1.8	108

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37	Progesterone Receptor A (PRA) and PRB-Independent Effects of Progesterone on Gonadotropin-Releasing Hormone Release. <i>Endocrinology</i> , 2009, 150, 3833-3844.	2.8	108
38	Effects of cadmium and Aroclor 1254 on lipid peroxidation, glutathione peroxidase activity, and selected antioxidants in Atlantic croaker tissues. <i>Aquatic Toxicology</i> , 1993, 27, 159-177.	4.0	107
39	Progestin, estrogen and androgen G-protein coupled receptors in fish gonads. <i>Steroids</i> , 2006, 71, 310-316.	1.8	106
40	Disruption of Neuroendocrine Control of Luteinizing Hormone Secretion by Aroclor 1254 Involves Inhibition of Hypothalamic Tryptophan Hydroxylase Activity ¹ . <i>Biology of Reproduction</i> , 2001, 64, 955-964.	2.7	98
41	The Role of Xenopus Membrane Progesterone Receptor \hat{I}^2 in Mediating the Effect of Progesterone on Oocyte Maturation. <i>Molecular Endocrinology</i> , 2007, 21, 664-673.	3.7	97
42	Identification and Characterization of Membrane Androgen Receptors in the ZIP9 Zinc Transporter Subfamily: I. Discovery in Female Atlantic Croaker and Evidence ZIP9 Mediates Testosterone-Induced Apoptosis of Ovarian Follicle Cells. <i>Endocrinology</i> , 2014, 155, 4237-4249.	2.8	97
43	Cell-surface expression, progestin binding, and rapid nongenomic signaling of zebrafish membrane progestin receptors \hat{I}^1 and \hat{I}^2 in transfected cells. <i>Journal of Endocrinology</i> , 2006, 190, 247-260.	2.6	93
44	Characterization and Expression of the Nuclear Progestin Receptor in Zebrafish Gonads and Brain ¹ . <i>Biology of Reproduction</i> , 2010, 82, 112-122.	2.7	92
45	Membrane Progesterone Receptors (mPRs) Mediate Progestin Induced Antimorbidity in Breast Cancer Cells and Are Expressed in Human Breast Tumors. <i>Hormones and Cancer</i> , 2012, 3, 101-112.	4.9	92
46	Effects of Aroclor 1254 and cadmium on reproductive endocrine function and ovarian growth in atlantic croaker. <i>Marine Environmental Research</i> , 1989, 28, 499-503.	2.5	91
47	Involvement of estradiol-17 \hat{I}^2 and its membrane receptor, G protein coupled receptor 30 (GPR30) in regulation of oocyte maturation in zebrafish, <i>Danio rario</i> . <i>General and Comparative Endocrinology</i> , 2009, 161, 58-61.	1.8	91
48	Plasma Levels of Gonadal Steroids during Final Oocyte Maturation of Striped Bass, <i>Morone saxatilis</i> L.. <i>General and Comparative Endocrinology</i> , 1994, 95, 178-191.	1.8	90
49	Binding Characteristics of Estrogen Receptor (ER) in Atlantic Croaker (<i>Micropogonias undulatus</i>) Testis: Different Affinity for Estrogens and Xenobiotics from that of Hepatic ER ¹ . <i>Biology of Reproduction</i> , 1999, 61, 51-60.	2.7	90
50	Effects of metals and organic compounds on hepatic glutathione, cysteine, and acid-soluble thiol levels in mullet (<i>Mugil cephalus</i> L.). <i>Toxicology and Applied Pharmacology</i> , 1984, 76, 172-182.	2.8	89
51	Identification of Two Nuclear Androgen Receptors in Kelp Bass (<i>Paralabrax clathratus</i>) and Their Binding Affinities for Xenobiotics: Comparison with Atlantic Croaker (<i>Micropogonias undulatus</i>) Androgen Receptors ¹ . <i>Biology of Reproduction</i> , 1999, 61, 1152-1161.	2.7	89
52	Structure-activity relationships of steroids in inducing germinal vesicle breakdown of Atlantic croaker oocytes in vitro. <i>General and Comparative Endocrinology</i> , 1988, 71, 307-317.	1.8	85
53	Reproductive endocrine function in female atlantic croaker exposed to pollutants. <i>Marine Environmental Research</i> , 1988, 24, 179-183.	2.5	85
54	Cloning and identification of a membrane progestin receptor in goldfish ovaries and evidence it is an intermediary in oocyte meiotic maturation. <i>General and Comparative Endocrinology</i> , 2006, 145, 101-108.	1.8	85

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55	Control of gonadotropin release in the Atlantic croaker (<i>Micropogonias undulatus</i>): Evidence for lack of dopaminergic inhibition. <i>General and Comparative Endocrinology</i> , 1989, 74, 474-483.	1.8	84
56	Melatonin Influences Gonadotropin II Secretion in the Atlantic Croaker (<i>Micropogonias undulatus</i>). <i>General and Comparative Endocrinology</i> , 1996, 104, 231-242.	1.8	84
57	Endocrine Profiles of Female Striped Bass (<i>Morone saxatilis</i>) in Captivity, during Postvitellogenesis and Induction of Final Oocyte Maturation via Controlled-Release GnRHa-Delivery Systems. <i>General and Comparative Endocrinology</i> , 1998, 110, 276-289.	1.8	84
58	Diversity of sexual dimorphism in electrocommunication signals and its androgen regulation in a genus of electric fish, <i>Apteronotus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1998, 183, 77-86.	1.6	84
59	Molecular cloning and characterization of a nuclear androgen receptor activated by 11-ketotestosterone. <i>Reproductive Biology and Endocrinology</i> , 2005, 3, 37.	3.3	84
60	Anatomical location and redistribution of G protein-coupled estrogen receptor-1 during the estrus cycle in mouse kidney and specific binding to estrogens but not aldosterone. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 950-959.	3.2	84
61	Membrane progesterone receptors localization in the mouse spinal cord. <i>Neuroscience</i> , 2010, 166, 94-106.	2.3	83
62	Involvement of Epidermal Growth Factor Receptor Signaling in Estrogen Inhibition of Oocyte Maturation Mediated Through the G Protein-Coupled Estrogen Receptor (Gper) in Zebrafish (<i>Danio</i>) Tj ETQq0 0 0 r g 2 5 / Overlook 10 Tf 5	2.7	83
63	Extensive reproductive disruption, ovarian masculinization and aromatase suppression in Atlantic croaker in the northern Gulf of Mexico hypoxic zone. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 28-38.	2.6	82
64	ZIP9, a novel membrane androgen receptor and zinc transporter protein. <i>General and Comparative Endocrinology</i> , 2018, 257, 130-136.	1.8	82
65	Stimulatory effects of serotonin on maturational gonadotropin release in the Atlantic croaker, <i>Micropogonias undulatus</i> . <i>General and Comparative Endocrinology</i> , 1992, 88, 388-396.	1.8	81
66	Influence of estradiol and testosterone on cytochrome P-450 and monooxygenase activity in immature brook trout, <i>Salvelinus fontinalis</i> . <i>Biochemical Pharmacology</i> , 1982, 31, 3979-3989.	4.4	77
67	Comparison between steroid binding to membrane progesterone receptor $\hat{1}\pm$ (mPR $\hat{1}\pm$) and to nuclear progesterone receptor: Correlation with physicochemical properties assessed by comparative molecular field analysis and identification of mPR $\hat{1}\pm$ -specific agonists. <i>Steroids</i> , 2010, 75, 314-322.	1.8	76
68	Role of Arachidonic Acid and Protein Kinase C During Maturation-Inducing Hormone-Dependent Meiotic Resumption and Ovulation in Ovarian Follicles of Atlantic Croaker1. <i>Biology of Reproduction</i> , 2003, 68, 516-523.	2.7	72
69	Candidates for membrane progestin receptorsâ€™Past approaches and future challenges. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 148, 381-389.	2.6	72
70	Progesterone increases nitric oxide synthesis in human vascular endothelial cells through activation of membrane progesterone receptor- $\hat{1}\pm$. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E899-E911.	3.5	72
71	Identification of membrane progestin receptors in human breast cancer cell lines and biopsies and their potential involvement in breast cancer. <i>Steroids</i> , 2007, 72, 111-116.	1.8	71
72	Androgen Correlates of Socially Induced Changes in the Electric Organ Discharge Waveform of a Mormyrid Fish. <i>Hormones and Behavior</i> , 2000, 38, 177-186.	2.1	69

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73	Steroid-Induced Oocyte Maturation in Atlantic Croaker (<i>Micropogonias undulatus</i>) Is Dependent on Activation of the Phosphatidylinositol 3-Kinase/Akt Signal Transduction Pathway. <i>Biology of Reproduction</i> , 2005, 73, 988-996.	2.7	69
74	Progesterin Signaling through an Olfactory G Protein and Membrane Progesterin Receptor-1 in Atlantic Croaker Sperm: Potential Role in Induction of Sperm Hypermotility. <i>Endocrinology</i> , 2009, 150, 473-484.	2.8	69
75	Membrane Androgen Receptors Unrelated to Nuclear Steroid Receptors. <i>Endocrinology</i> , 2019, 160, 772-781.	2.8	68
76	Upregulation of the Maturation-Inducing Steroid Membrane Receptor in Spotted Seatrout Ovaries by Gonadotropin During Oocyte Maturation and Its Physiological Significance1. <i>Biology of Reproduction</i> , 2001, 64, 21-29.	2.7	67
77	Expression of Membrane Progesterone Receptors (mPR/PAQR) in Ovarian Cancer Cells: Implications for Progesterone-Induced Signaling Events. <i>Hormones and Cancer</i> , 2010, 1, 167-176.	4.9	67
78	Protective actions of progesterone in the cardiovascular system: Potential role of membrane progesterone receptors (mPRs) in mediating rapid effects. <i>Steroids</i> , 2013, 78, 583-588.	1.8	65
79	Binding of xenobiotics to the estrogen receptor of spotted seatrout: A screening assay for potential estrogenic effects. <i>Marine Environmental Research</i> , 1993, 35, 147-151.	2.5	64
80	Characterization of a Progestogen Receptor in the Ovary of the Spotted Seatrout, <i>Cynoscion nebulosus</i> 1. <i>Biology of Reproduction</i> , 1995, 52, 667-675.	2.7	64
81	Reproductive endocrine dysfunction in Atlantic croaker exposed to hypoxia. <i>Marine Environmental Research</i> , 2006, 62, S249-S252.	2.5	64
82	Does hypoxia have population-level effects on coastal fish? Musings from the virtual world. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 381, S188-S203.	1.5	63
83	Induction of maturation of atlantic croaker oocytes by 17 β ,20 β ,21-trihydroxy-4-pregnen-3-one in vitro: Consideration of some biological and experimental variables. <i>The Journal of Experimental Zoology</i> , 1990, 255, 97-109.	1.4	62
84	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 1997, 17, 109-116.	2.3	61
85	Effects of Hypoxia Exposure on Hepatic Cytochrome P450 1A (CYP1A) Expression in Atlantic Croaker: Molecular Mechanisms of CYP1A Down-Regulation. <i>PLoS ONE</i> , 2012, 7, e40825.	2.5	61
86	Seasonal changes in thyroid and reproductive steroid hormones in female channel catfish (<i>Ictalurus punctatus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.5	60
87	Feminization of the hepatic microsomal cytochrome P-450 system in brook trout by estradiol, testosterone, and pituitary factors. <i>The Journal of Experimental Zoology</i> , 1990, 253, 51-60.	1.4	60
88	Immunocytochemical Localization of Serotonin and Gonadotropin-Releasing Hormone in the Brain and Pituitary Gland of the Atlantic Croaker <i>Micropogonias undulatus</i> . <i>General and Comparative Endocrinology</i> , 1993, 91, 167-180.	1.8	60
89	Biomarkers of hypoxia exposure and reproductive function in Atlantic croaker: A review with some preliminary findings from the northern Gulf of Mexico hypoxic zone. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 381, S38-S50.	1.5	60
90	Distribution and hormonal regulation of membrane progesterone receptors 1 α and 1 β in ciliated epithelial cells of mouse and human fallopian tubes. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 89.	3.3	60

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91	Bisphenol A and Related Alkylphenols Exert Nongenomic Estrogenic Actions Through a G Protein-Coupled Estrogen Receptor 1 (Gper)/Epidermal Growth Factor Receptor (Egfr) Pathway to Inhibit Meiotic Maturation of Zebrafish Oocytes1. <i>Biology of Reproduction</i> , 2015, 93, 135.	2.7	60
92	Hormonal Regulation of Final Maturation of Striped Bass Oocytes in Vitro. <i>General and Comparative Endocrinology</i> , 1994, 96, 223-233.	1.8	59
93	Biochemical Characterization of a Membrane Androgen Receptor in the Ovary of the Atlantic Croaker (<i>Micropogonias undulatus</i>)1. <i>Biology of Reproduction</i> , 2004, 71, 146-155.	2.7	59
94	Androgen binding profiles of two distinct nuclear androgen receptors in Atlantic croaker (<i>Micropogonias undulatus</i>). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000, 73, 93-103.	2.5	58
95	Progesterone effects on lymphocytes may be mediated by membrane progesterone receptors. <i>Journal of Reproductive Immunology</i> , 2012, 95, 15-26.	1.9	58
96	Mechanism of Stimulatory Action of Growth Hormone on Ovarian Steroidogenesis in Spotted Seatrout, <i>Cynoscion nebulosus</i> . <i>General and Comparative Endocrinology</i> , 1993, 89, 341-353.	1.8	57
97	Induction of Ovulation of Mature Oocytes by the Maturation-Inducing Steroid 17,20 β ,21-Trihydroxy-4-pregnen-3-one in the Spotted Seatrout. <i>General and Comparative Endocrinology</i> , 1999, 115, 200-209.	1.8	57
98	Red Drum Somatolactin: Development of a Homologous Radioimmunoassay and Plasma Levels after Exposure to Stressors or Various Backgrounds. <i>General and Comparative Endocrinology</i> , 1995, 99, 275-288.	1.8	56
99	Correlation between Binding Affinities of C21 Steroids for the Maturation-Inducing Steroid Membrane Receptor in Spotted Seatrout Ovaries and their Agonist and Antagonist Activities in an Oocyte Maturation Bioassay1. <i>Biology of Reproduction</i> , 1997, 57, 999-1007.	2.7	56
100	Modeling vitellogenesis in female fish exposed to environmental stressors: predicting the effects of endocrine disturbance due to exposure to a PCB mixture and cadmium. <i>Reproductive Toxicology</i> , 2005, 19, 395-409.	2.9	56
101	Binding characteristics, hormonal regulation and identity of the sperm membrane progesterin receptor in Atlantic croaker. <i>Steroids</i> , 2005, 70, 427-433.	1.8	56
102	G-protein coupled estrogen receptor 1 expression in rat and human heart: Protective role during ischaemic stress. <i>International Journal of Molecular Medicine</i> , 2010, 26, 193-9.	4.0	56
103	Comparison of methods for determination of ascorbic acid in animal tissues. <i>Analytical Chemistry</i> , 1983, 55, 1229-1232.	6.5	55
104	Biochemical stress responses of striped mullet (<i>Mugil cephalus</i> L.) to fluorene analogs. <i>Aquatic Toxicology</i> , 1981, 1, 329-342.	4.0	54
105	Adrenal-kidney and gonadal steroidogenesis during sexual differentiation of a reptile with temperature-dependent sex determination. <i>General and Comparative Endocrinology</i> , 1992, 88, 10-19.	1.8	53
106	Reproductive life history stages sensitive to oil and naphthalene in Atlantic croaker. <i>Marine Environmental Research</i> , 1995, 39, 147-150.	2.5	53
107	Distribution and Estrogen Regulation of Membrane Progesterone Receptor- β in the Female Rat Brain. <i>Endocrinology</i> , 2012, 153, 4432-4443.	2.8	53
108	Functional characteristics of membrane progesterin receptor alpha (mPR α) subtypes: A review with new data showing mPR α expression in seatrout sperm and its association with sperm motility. <i>Steroids</i> , 2008, 73, 935-941.	1.8	52

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109	Ultrastructural Changes in Follicle Cell-Oocyte Associations during Development and Maturation of the Ovarian Follicle in Atlantic Croaker. <i>General and Comparative Endocrinology</i> , 1993, 92, 402-418.	1.8	51
110	Binding of metals to red drum vitellogenin and incorporation into oocytes. <i>Marine Environmental Research</i> , 1995, 39, 165-168.	2.5	51
111	The distributions of the duplicate oestrogen receptors ER- β 2a and ER- β 2b in the forebrain of the Atlantic croaker (<i>Micropogonias undulatus</i>): evidence for subfunctionalization after gene duplication. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 633-641.	2.6	51
112	Molecular characterization of three forms of putative membrane-bound progestin receptors and their tissue-distribution in channel catfish, <i>Ictalurus punctatus</i> . <i>Journal of Molecular Endocrinology</i> , 2005, 34, 781-791.	2.5	51
113	Membrane progesterone receptor gamma: Tissue distribution and expression in ciliated cells in the fallopian tube. <i>Molecular Reproduction and Development</i> , 2007, 74, 843-850.	2.0	51
114	Progestin Signaling Through mPR β in Atlantic Croaker Granulosa/Theca Cell Cocultures and Its Involvement in Progestin Inhibition of Apoptosis. <i>Endocrinology</i> , 2010, 151, 5916-5926.	2.8	51
115	A Receptor for the Oocyte Maturation-Inducing Hormone 17 β ,20 β ,21-Trihydroxy- 4-Pregnen-3-One on Ovarian Membranes of Striped Bass1. <i>Biology of Reproduction</i> , 1997, 56, 266-271.	2.7	50
116	Histochemical and immunocytochemical identification of the pituitary cell types in three sciaenid fishes: Atlantic croaker (<i>Micropogonias undulatus</i>), spotted seatrout (<i>Cynoscion nebulosus</i>), and red drum (<i>Sciaenops ocellatus</i>). <i>General and Comparative Endocrinology</i> , 1991, 84, 389-400.	1.8	49
117	Electric organ discharge frequency and plasma sex steroid levels during gonadal recrudescence in a natural population of the weakly electric fish <i>Sternopygus macrurus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1991, 169, 493-9.	1.6	49
118	Role of ions and ion channels in the regulation of Atlantic croaker sperm motility. , 1998, 281, 139-148.		49
119	Disruption of Rapid, Nongenomic Steroid Actions by Environmental Chemicals:Â Interference with Progestin Stimulation of Sperm Motility in Atlantic Croaker. <i>Environmental Science & Technology</i> , 2004, 38, 6328-6332.	10.0	49
120	Activation of a pertussis toxin-sensitive, inhibitory G-protein is necessary for steroid-mediated oocyte maturation in spotted seatrout. <i>Developmental Biology</i> , 2005, 285, 70-79.	2.0	49
121	Role of Pgrmc1 in estrogen maintenance of meiotic arrest in zebrafish oocytes through Gper/Egfr. <i>Journal of Endocrinology</i> , 2015, 225, 59-68.	2.6	49
122	Ascorbic acid status of mullet, <i>Mugil cephalus</i> Linn., exposed to cadmium. <i>Journal of Fish Biology</i> , 1982, 20, 183-196.	1.6	48
123	Partial Characterization of a Sex-Steroid Binding Protein in the Spotted Seatrout (<i>Cynoscion</i>) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.7	48
124	Gonadal Stage-Dependent Effects of Gonadal Steroids on Gonadotropin II Secretion in the Atlantic Croaker (<i>Micropogonias undulatus</i>)1. <i>Biology of Reproduction</i> , 1999, 61, 834-841.	2.7	48
125	Interactions of Diethylstilbestrol (DES) and DES Analogs with Membrane Progestin Receptor- β and the Correlation with Their Nongenomic Progestin Activities. <i>Endocrinology</i> , 2007, 148, 3459-3467.	2.8	48
126	Progesterone signals through membrane progesterone receptors (mPRs) in MDA-MB-468 and mPR-transfected MDA-MB-231 breast cancer cells which lack full-length and N-terminally truncated isoforms of the nuclear progesterone receptor. <i>Steroids</i> , 2011, 76, 921-8.	1.8	48

#	ARTICLE	IF	CITATIONS
127	Isolation, cloning, and expression of three prepro-GnRH mRNAs in Atlantic croaker brain and pituitary. <i>Journal of Comparative Neurology</i> , 2005, 488, 384-395.	1.6	47
128	Membrane androgen receptor characteristics of human ZIP9 (SLC39A) zinc transporter in prostate cancer cells: Androgen-specific activation and involvement of an inhibitory G protein in zinc and MAP kinase signaling. <i>Molecular and Cellular Endocrinology</i> , 2017, 447, 23-34.	3.2	47
129	Changes in hepatic estrogen-receptor concentrations during the annual reproductive and ovarian cycles of a marine teleost, the spotted seatrout, <i>Cynoscion nebulosus</i> . <i>General and Comparative Endocrinology</i> , 1991, 81, 234-245.	1.8	46
130	Pesticides Interfere with the Nongenomic Action of a Progestogen on Meiotic Maturation by Binding to its Plasma Membrane Receptor on Fish Oocytes. <i>Endocrinology</i> , 1999, 140, 1953-1956.	2.8	46
131	Ovarian follicle maturation and ovulation: an integrated perspective. <i>Fish Physiology and Biochemistry</i> , 2003, 28, 305-308.	2.3	46
132	Changes in ovarian steroidogenesis in vitro associated with final maturation of Atlantic croaker oocytes. <i>General and Comparative Endocrinology</i> , 1989, 75, 405-412.	1.8	45
133	Isolation of Gonadotropin Subunits and Evidence for Two Distinct Gonadotropins in Atlantic Croaker (<i>Micropogonias undulatus</i>). <i>General and Comparative Endocrinology</i> , 1993, 91, 115-125.	1.8	45
134	Connexin Messenger Ribonucleic Acids in the Ovary of Atlantic Croaker: Molecular Cloning and Characterization, Hormonal Control, and Correlation With Appearance Of Oocyte Maturation Competence. <i>Biology of Reproduction</i> , 1994, 51, 493-503.	2.7	45
135	Elevations of Somatolactin in Plasma and Pituitaries and Increased β -MSH Cell Activity in Red Drum Exposed to Black Background and Decreased Illumination. <i>General and Comparative Endocrinology</i> , 1996, 101, 21-31.	1.8	45
136	Expression and gonadotropin regulation of membrane progestin receptor alpha in Atlantic croaker (<i>Micropogonias undulatus</i>) gonads: Role in gamete maturation. <i>General and Comparative Endocrinology</i> , 2010, 165, 144-154.	1.8	45
137	Role of G-protein-coupled estrogen receptor (GPER/GPR30) in maintenance of meiotic arrest in fish oocytes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 167, 153-161.	2.5	45
138	Binding characteristics of the hepatic estrogen receptor of the spotted seatrout, <i>Cynoscion nebulosus</i> . <i>General and Comparative Endocrinology</i> , 1990, 77, 29-42.	1.8	42
139	Using Nested Models and Laboratory Data for Predicting Population Effects of Contaminants on Fish: A Step Toward a Bottom-Up Approach for Establishing Causality in Field Studies. <i>Human and Ecological Risk Assessment (HERA)</i> , 2003, 9, 231-257.	3.4	42
140	Chronic Hypoxia Impairs Gamete Maturation in Atlantic Croaker Induced by Progestins through Nongenomic Mechanisms Resulting in Reduced Reproductive Success. <i>Environmental Science & Technology</i> , 2009, 43, 4175-4180.	10.0	42
141	Pgrmc1 Knockout Impairs Oocyte Maturation in Zebrafish. <i>Frontiers in Endocrinology</i> , 2018, 9, 560.	3.5	41
142	Gonadotropin stimulates $17\beta,20\beta,21$ -trihydroxy-4-pregnen-3-one production from endogenous substrates in Atlantic croaker ovarian follicles undergoing final maturation in vitro. <i>General and Comparative Endocrinology</i> , 1990, 78, 474-478.	1.8	40
143	Lead and Aroclor 1254 disrupt reproductive neuroendocrine function in Atlantic croaker. <i>Marine Environmental Research</i> , 2000, 50, 119-123.	2.5	40
144	Rapid, nongenomic steroid actions initiated at the cell surface: lessons from studies with fish. <i>Fish Physiology and Biochemistry</i> , 2003, 28, 3-12.	2.3	40

#	ARTICLE	IF	CITATIONS
145	Molecular cloning, characterization and expression of two tryptophan hydroxylase (TPH-1 and TPH-2) genes in the hypothalamus of Atlantic croaker: Down-regulation after chronic exposure to hypoxia. Neuroscience, 2009, 158, 751-765.	2.3	40
146	Role of very low density lipoproteins in the accumulation of o,p'-DDT in fish ovaries during gonadal recrudescence. Aquatic Toxicology, 1996, 35, 183-195.	4.0	39
147	Effects of Somatolactin on Melanosome Aggregation in the Melanophores of Red Drum (Sciaenops Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 38	1.8	38
148	GABA Exerts Stimulatory and Inhibitory Influences on Gonadotropin II Secretion in the Atlantic Croaker (<i>Micropogonias undulatus</i>). Neuroendocrinology, 1999, 69, 261-268.	2.5	38
149	Developmental and Protein Kinase-Dependent Regulation of Ovarian Connexin mRNA and Oocyte Maturation Competence in Atlantic Croaker. General and Comparative Endocrinology, 1999, 114, 330-339.	1.8	38
150	Seasonal cycles of gonadal development and plasma sex steroid levels in Epinephelus morio, a protogynous grouper in the eastern Gulf of Mexico. Journal of Fish Biology, 1998, 52, 502-518.	1.6	38
151	Influence of constant and periodic experimental hypoxic stress on Atlantic croaker otolith chemistry. Aquatic Biology, 2014, 20, 1-11.	1.4	37
152	Dietary administration of an LHRH analogue induces spawning of spotted seatrout (Cynoscion Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 36	3.5	36
153	Influence of lead on the glutathione status of Atlantic croaker tissues. Aquatic Toxicology, 1992, 23, 11-29.	4.0	36
154	Androgens Inhibit Estradiol-17 β 2 Synthesis in Atlantic Croaker (Micropogonias undulatus) Ovaries by a Nongenomic Mechanism Initiated at the Cell Surface1. Biology of Reproduction, 2003, 69, 1642-1650.	2.7	36
155	Roles of progesterone receptor membrane component 1 and membrane progesterin receptor alpha in regulation of zebrafish oocyte maturation. General and Comparative Endocrinology, 2018, 263, 51-61.	1.8	36
156	Effect of xenobiotics on peroxidation of hepatic microsomal lipids from striped mullet (Mugil) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 285-289.	2.5	35
157	Seasonal and daily variations in the plasma gonadotropin II response to a LHRH analog and serotonin in Atlantic croaker (Micropogonias undulatus): Evidence for mediation by 5-HT2 receptors. The Journal of Experimental Zoology, 1994, 269, 531-537.	1.4	35
158	Changes in Plasma Sex Steroid-Binding Protein Levels Associated with Ovarian Recrudescence in the Spotted Seatrout (Cynoscion nebulosus)1. Biology of Reproduction, 1997, 56, 931-937.	2.7	35
159	Chlorinated Hydrocarbons and Biomarkers of Exposure in Wading Birds and Fish of the Lower Rio Grande Valley, Texas. Archives of Environmental Contamination and Toxicology, 2001, 40, 101-111.	4.1	35
160	Purification of maturational gonadotropin from Atlantic croaker (Micropogonias undulatus) and development of a homologous radioimmunoassay. General and Comparative Endocrinology, 1989, 73, 425-441.	1.8	34
161	Testing and applying a fish vitellogenesis model to evaluate laboratory and field biomarkers of endocrine disruption in Atlantic croaker (<i>Micropogonias undulatus</i>) exposed to hypoxia. Environmental Toxicology and Chemistry, 2009, 28, 1288-1303.	4.3	34
162	Characterization of three IGFBP mRNAs in Atlantic croaker and their regulation during hypoxic stress: potential mechanisms of their upregulation by hypoxia. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E637-E648.	3.5	34

#	ARTICLE	IF	CITATIONS
163	Effects of Light on Plasma Somatolactin Levels in Red Drum (<i>Sciaenops ocellatus</i>). General and Comparative Endocrinology, 1998, 111, 76-82.	1.8	33
164	Hormone Profiles of Captive Striped Bass <i>Morone saxatilis</i> During Spermiation, and Long-Term Enhancement of Milt Production. Journal of the World Aquaculture Society, 1998, 29, 379-392.	2.4	33
165	Aroclor 1254 inhibits tryptophan hydroxylase activity in rat brain. Archives of Toxicology, 2004, 78, 316-320.	4.2	33
166	The ovarian progestogen receptor in the spotted seatrout, <i>Cynoscion nebulosus</i> , demonstrates steroid specificity different from progesterone receptors in other vertebrates. Journal of Steroid Biochemistry and Molecular Biology, 1997, 60, 113-119.	2.5	32
167	Assessment of hypoxia-inducible factor-1 α mRNA expression in mantis shrimp as a biomarker of environmental hypoxia exposure. Biology Letters, 2012, 8, 278-281.	2.3	32
168	Additive effects of low concentrations of estradiol-17 β and progesterone on nitric oxide production by human vascular endothelial cells through shared signaling pathways. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 258-267.	2.5	32
169	Antagonistic effects of xenobiotics on steroid-induced final maturation of Atlantic croaker oocytes in vitro. Marine Environmental Research, 1995, 39, 159-163.	2.5	31
170	Membrane progesterone receptors β 2 and β 3 have potential as prognostic biomarkers of endometrial cancer. Journal of Steroid Biochemistry and Molecular Biology, 2018, 178, 303-311.	2.5	31
171	Influence of some environmental variables on the ascorbic acid status of mullet, <i>Mugil cephalus</i> L., tissues. I. Effect of salinity, capture-stress, and temperature. Journal of Fish Biology, 1984, 25, 711-720.	1.6	30
172	Cloning and Phylogenetic Relationship of Red Drum Somatolactin cDNA and Effects of Light on Pituitary Somatolactin mRNA Expression. General and Comparative Endocrinology, 1999, 113, 69-79.	1.8	30
173	Influence of capture stress, salinity and reproductive status on zinc associated with metallothionein-like proteins in the livers of three marine teleost species. Marine Environmental Research, 1990, 29, 277-287.	2.5	29
174	Estradiol-17 β and o,p'-DDT stimulate gonadotropin release in Atlantic croaker. Marine Environmental Research, 1998, 46, 149-152.	2.5	29
175	Chemical interference with genomic and nongenomic actions of steroids in fishes: role of receptor binding. Marine Environmental Research, 2000, 50, 127-134.	2.5	28
176	PCB congener-specific disruption of reproductive neuroendocrine function in Atlantic croaker. Marine Environmental Research, 2006, 62, S25-S28.	2.5	28
177	Region-wide impairment of Atlantic croaker testicular development and sperm production in the northern Gulf of Mexico hypoxic dead zone. Marine Environmental Research, 2010, 69, S59-S62.	2.5	28
178	Role of ER β and GPR30 in the endocrine pancreas: A matter of estrogen dose. Steroids, 2012, 77, 951-958.	1.8	28
179	Characterization of multiple membrane progestin receptor (mPR) subtypes from the goldfish ovary and their roles in the induction of oocyte maturation. General and Comparative Endocrinology, 2012, 177, 168-176.	1.8	28
180	Dual role of IGF-II in oocyte maturation in southern flounder <i>Paralichthys lethostigma</i> : Up-regulation of mPR α and resumption of meiosis. General and Comparative Endocrinology, 2012, 177, 220-230.	1.8	28

#	ARTICLE	IF	CITATIONS
181	Membrane Progesterone Receptors (mPRs, PAQRs): Review of Structural and Signaling Characteristics. Cells, 2022, 11, 1785.	4.1	28
182	Anti-apoptotic Actions of Allopregnanolone and Ganaxolone Mediated Through Membrane Progesterone Receptors (PAQRs) in Neuronal Cells. Frontiers in Endocrinology, 2020, 11, 417.	3.5	27
183	Evidence that 4-pregnen-17,20 ¹² ,21-triol-3-one functions as a maturation-inducing hormone and pheromonal precursor in the percid fish, <i>Gymnocephalus cernuus</i> . General and Comparative Endocrinology, 2004, 139, 1-11.	1.8	26
184	Identification of 17,20 ¹² ,21-trihydroxy-4-pregnen-3-one (20 ¹² -S) receptor binding and membrane progestin receptor alpha on southern flounder sperm (<i>Paralichthys lethostigma</i>) and their likely role in 20 ¹² -S stimulation of sperm hypermotility. General and Comparative Endocrinology, 2011, 170, 629-639.	1.8	26
185	Changes in placental progesterone receptors in term and preterm labour. Placenta, 2012, 33, 367-372.	1.5	26
186	Interactions of cadmium with sulfhydryl-containing compounds in striped mullet (<i>mugil cephalus</i> L.). Marine Environmental Research, 1984, 14, 119-137.	2.5	25
187	Stimulation of in Vitro Steroidogenesis by Pituitary Hormones in a Turtle (<i>Trachemys Scripta</i>) within the Temperature-Sensitive Period for Sex Determination1. Biology of Reproduction, 1992, 47, 952-959.	2.7	25
188	Upregulation of hypoxia-inducible factor (HIF)-1 ^{1±} and HIF-2 ^{1±} mRNA levels in dragonet <i>Callionymus valenciennei</i> exposed to environmental hypoxia in Tokyo Bay. Marine Pollution Bulletin, 2012, 64, 1339-1347.	5.0	25
189	The Catecholesterol, 2-Hydroxyestradiol-17 β , Acts as a G Protein-Coupled Estrogen Receptor 1 (GPER/GPR30) Antagonist to Promote the Resumption of Meiosis in Zebrafish Oocytes1. Biology of Reproduction, 2015, 92, 69.	2.7	25
190	Expression of membrane progesterone receptors (mPRs) in rat peripheral glial cell membranes and their potential role in the modulation of cell migration and protein expression. Steroids, 2019, 142, 6-13.	1.8	25
191	The effects of androgens and estrogen on the external morphology and electric organ discharge waveform of <i>Gnathonemus petersii</i> (Mormyridae, Teleostei). Hormones and Behavior, 1990, 24, 532-553.	2.1	24
192	CHARACTERIZATION OF PUTATIVE LIGANDS FOR A FISH GONADAL ANDROGEN RECEPTOR IN A PULP MILL EFFLUENT. Environmental Toxicology and Chemistry, 2006, 25, 419.	4.3	24
193	Estradiol-induced desensitization of 5-HT1A receptor signaling in the paraventricular nucleus of the hypothalamus is independent of estrogen receptor-beta. Psychoneuroendocrinology, 2010, 35, 1023-1033.	2.7	24
194	Impaired gamete production and viability in Atlantic croaker collected throughout the 20,000 km ² hypoxic region in the northern Gulf of Mexico. Marine Pollution Bulletin, 2015, 101, 182-192.	5.0	24
195	Membrane Androgen Receptor ZIP9 Induces Croaker Ovarian Cell Apoptosis via Stimulatory G Protein Alpha Subunit and MAP Kinase Signaling. Endocrinology, 2017, 158, 3015-3029.	2.8	24
196	Membrane Progesterone Receptors (mPRs/PAQRs) Differently Regulate Migration, Proliferation, and Differentiation in Rat Schwann Cells. Journal of Molecular Neuroscience, 2020, 70, 433-448.	2.3	24
197	A simple spectrophotometric technique for the determination of pentachlorophenol in water. Bulletin of Environmental Contamination and Toxicology, 1982, 28, 477-479.	2.7	23
198	Influence of some environmental variables on the ascorbic acid status of mullet, <i>Mugil cephalus</i> L., tissues. II. Seasonal fluctuations and biosynthetic ability. Journal of Fish Biology, 1985, 27, 47-57.	1.6	23

#	ARTICLE	IF	CITATIONS
199	The teleost sperm membrane progesterone receptor: Interactions with xenoestrogens. Marine Environmental Research, 1998, 46, 163-166.	2.5	23
200	Involvement of calcium and calmodulin in the regulation of ovarian steroidogenesis in Atlantic croaker (<i>Micropogonias undulatus</i>) and modulation by Aroclor 1254. General and Comparative Endocrinology, 2005, 144, 211-223.	1.8	23
201	Tryptophan Hydroxylase: A Target for Neuroendocrine Disruption. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2011, 14, 473-494.	6.5	23
202	Restoration of tryptophan hydroxylase functions and serotonin content in the Atlantic croaker hypothalamus by antioxidant treatment during hypoxic stress. Frontiers in Neuroscience, 2014, 8, 130.	2.8	23
203	Effects of hypoxia exposure on apoptosis and expression of membrane steroid receptors, ZIP9, mPR α , and GPER in Atlantic croaker ovaries. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2018, 224, 84-92.	1.8	23
204	Effects of cortisol on immunity in red drum, <i>Sciaenops ocellatus</i> . Journal of Fish Biology, 1987, 31, 123-127.	1.6	22
205	Human chorionic gonadotropin-induced shifts in the electrosensory system of the weakly electric fish, <i>Sternopygus</i> . Journal of Neurobiology, 1990, 21, 826-833.	3.6	22
206	Disruption of neuroendocrine function in atlantic croaker exposed to Aroclor 1254. Marine Environmental Research, 1996, 42, 145-149.	2.5	22
207	Hormonal Regulation and Cellular Distribution of Connexin 32.2 and Connexin 32.7 RNAs in the Ovary of Atlantic Croaker. General and Comparative Endocrinology, 2000, 120, 146-156.	1.8	22
208	Activation of the Pi3k/Akt Pathway and Modulation of Phosphodiesterase Activity via Membrane Progesterone Receptor-Alpha (mPR α) Regulate Progesterone-Initiated Sperm Hypermotility in Atlantic Croaker. Biology of Reproduction, 2014, 90, 105.	2.7	22
209	Parental exposure to <i>ortho</i> , <i>para</i> -dichlorodiphenyltrichloroethane impairs survival skills of atlantic croaker (<i>Micropogonias undulatus</i>) larvae. Environmental Toxicology and Chemistry, 1999, 18, 254-262.	4.3	21
210	Effects of Maturation-Inducing Hormone on Heterologous Gap Junctional Coupling in Ovarian Follicles of Atlantic Croaker. General and Comparative Endocrinology, 2001, 124, 359-366.	1.8	21
211	Regulation of androgen receptors in Atlantic croaker brains by testosterone and estradiol. General and Comparative Endocrinology, 2002, 128, 224-230.	1.8	21
212	Gonadotropin regulation of testosterone production by primary cultured theca and granulosa cells of Atlantic croaker: I. Novel role of CaMKs and interactions between calcium- and adenylyl cyclase-dependent pathways. General and Comparative Endocrinology, 2006, 147, 276-287.	1.8	20
213	Hydroxylation of bisphenol A by hyper lignin-degrading fungus <i>Phanerochaete sordida</i> YK-624 under non-ligninolytic condition. Chemosphere, 2013, 93, 1419-1423.	8.2	20
214	The pro-social neurohormone oxytocin reverses the actions of the stress hormone cortisol in human ovarian carcinoma cells in vitro. International Journal of Oncology, 2016, 48, 1805-1814.	3.3	20
215	Progesterone induces relaxation of human umbilical cord vascular smooth muscle cells through mPR α (PAQR7). Molecular and Cellular Endocrinology, 2018, 474, 20-34.	3.2	20
216	Whole-body and plasma concentrations of steroids in the turtle, <i>Trachemys scripta</i> , before, during, and after the temperature-sensitive period for sex determination. The Journal of Experimental Zoology, 1992, 264, 159-166.	1.4	19

#	ARTICLE	IF	CITATIONS
217	Membrane progestin receptor alpha mediates progestin-induced sperm hypermotility and increased fertilization success in southern flounder (<i>Paralichthys lethostigma</i>). <i>General and Comparative Endocrinology</i> , 2014, 200, 18-26.	1.8	19
218	Participation of membrane progesterone receptor $\hat{1}\pm$ in the inhibitory effect of progesterone on prolactin secretion. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12614.	2.6	19
219	Induction of sperm hypermotility through membrane progestin receptor alpha (mPR $\hat{1}\pm$): A teleost model of rapid, multifaceted, nongenomic progestin signaling. <i>General and Comparative Endocrinology</i> , 2019, 279, 60-66.	1.8	19
220	Sex Steroids Relative to Alternative Mating Behaviors in the Simultaneous Hermaphrodite <i>Serranus subligarius</i> (Perciformes: Serranidae). <i>Hormones and Behavior</i> , 2000, 37, 198-211.	2.1	18
221	Effects of the maturation-inducing steroid on LH secretion and the GnRH system at different stages of the gonadal cycle in Atlantic croaker. <i>General and Comparative Endocrinology</i> , 2002, 126, 287-297.	1.8	18
222	The zinc transporter ZIP9 (Slc39a9) regulates zinc dynamics essential to egg activation in zebrafish. <i>Scientific Reports</i> , 2020, 10, 15673.	3.3	18
223	(-)-Epicatechin acts as a potent agonist of the membrane androgen receptor, ZIP9 (SLC39A9), to promote apoptosis of breast and prostate cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 211, 105906.	2.5	18
224	PARENTAL EXPOSURE TO ORTHO, PARA-DICHLORODIPHENYLTRICHLOROETHANE IMPAIRS SURVIVAL SKILLS OF ATLANTIC CROAKER (<i>MICROPOGONIAS UNDULATUS</i>) LARVAE. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 254.	4.3	18
225	Changes in homologous and heterologous gap junction contacts during maturation-inducing hormone-dependent meiotic resumption in ovarian follicles of Atlantic croaker. <i>General and Comparative Endocrinology</i> , 2003, 131, 291-295.	1.8	17
226	Interactive effects of hypoxia and PCB co-exposure on expression of CYP1A and its potential regulators in Atlantic croaker liver. <i>Environmental Toxicology</i> , 2018, 33, 411-421.	4.0	17
227	Modeling the Population Effects of Hypoxia on Atlantic Croaker (<i>Micropogonias undulatus</i>) in the Northwestern Gulf of Mexico: Part 1 Model Description and Idealized Hypoxia. <i>Estuaries and Coasts</i> , 2018, 41, 233-254.	2.2	17
228	Vitamin E co-treatment reduces Aroclor 1254-induced impairment of reproductive neuroendocrine function in Atlantic croaker. <i>Marine Environmental Research</i> , 2004, 58, 333-336.	2.5	16
229	Interference by atrazine and bisphenol-A with progestin binding to the ovarian progestin membrane receptor and induction of oocyte maturation in Atlantic croaker. <i>Marine Environmental Research</i> , 2008, 66, 1-2.	2.5	16
230	Reproductive seasonality of the male Florida gar, <i>Lepisosteus platyrhincus</i> . <i>General and Comparative Endocrinology</i> , 2003, 131, 365-371.	1.8	15
231	Biochemical characterization of the Arctic char (<i>Salvelinus alpinus</i>) ovarian progestin membrane receptor. <i>Reproductive Biology and Endocrinology</i> , 2005, 3, 64.	3.3	15
232	Internalisation of membrane progesterone receptor- $\hat{1}\pm$ after treatment with progesterone: Potential involvement of a clathrin-dependent pathway. <i>Molecular Medicine Reports</i> , 2009, 3, 27-35.	2.4	15
233	Expression of membrane and nuclear progesterone receptors in two human placental choriocarcinoma cell lines (JEG-3 and BeWo): Effects of syncytialization. <i>International Journal of Molecular Medicine</i> , 2011, 27, 767-74.	4.0	15
234	Characterization of membrane receptor binding activity for cortisol in the liver and kidney of the euryhaline teleost, Mozambique tilapia (<i>Oreochromis mossambicus</i>). <i>General and Comparative Endocrinology</i> , 2013, 192, 107-114.	1.8	15

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235	Metabolism of bisphenol A by hyper lignin-degrading fungus <i>Phanerochaete sordida</i> YK-624 under non-ligninolytic condition. <i>Chemosphere</i> , 2014, 109, 128-133.	8.2	15
236	Modeling the Population Effects of Hypoxia on Atlantic Croaker (<i>Micropogonias undulatus</i>) in the Northwestern Gulf of Mexico: Part 2—Realistic Hypoxia and Eutrophication. <i>Estuaries and Coasts</i> , 2018, 41, 255-279.	2.2	15
237	Discovery of a New Family of Membrane Progesterone Receptors in Vertebrates and Detection of the Alpha and Beta Subtypes in Mouse Brain, Testis, and Uterus. <i>Medicinal Chemistry Research</i> , 2004, 13, 202-209.	2.4	14
238	Identification of 17,20 β ,21-trihydroxy-4-pregnen-3-one as an oocyte maturation-inducing steroid in black porgy, <i>Acanthopagrus schlegelii</i> . <i>General and Comparative Endocrinology</i> , 2005, 140, 184-191.	1.8	14
239	The human myometrium differentially expresses mTOR signalling components before and during pregnancy: Evidence for regulation by progesterone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 139, 166-172.	2.5	14
240	Involvement of sarco/endoplasmic reticulum Ca ²⁺ -ATPase (SERCA) in mPR \pm (PAQR7)-mediated progesterone induction of vascular smooth muscle relaxation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E453-E466.	3.5	14
241	Molecular modeling, mutational analysis and steroid specificity of the ligand binding pocket of mPR \pm (PAQR7): Shared ligand binding with AdipoR1 and its structural basis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022, 219, 106082.	2.5	14
242	Influence of some environmental variables on the ascorbic acid status of striped mullet, <i>Mugil cephalus</i> Linn., tissues. III. Effects of exposure to oil. <i>Journal of Fish Biology</i> , 1987, 30, 485-494.	1.6	13
243	Calcitonin-like immunoreactivity in the blue crab: Tissue distribution, variations in the molt cycle, and partial characterization. <i>The Journal of Experimental Zoology</i> , 1992, 262, 279-286.	1.4	13
244	Transport and accumulation of organochlorines in the ovaries of Atlantic croaker (<i>Micropogonias</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	13
245	Interactive effects of hypoxia with estradiol-17 β on tryptophan hydroxylase activity and serotonin levels in the Atlantic croaker hypothalamus. <i>General and Comparative Endocrinology</i> , 2013, 192, 71-76.	1.8	13
246	Molecular characterization and hypoxia-induced upregulation of neuronal nitric oxide synthase in Atlantic croaker: Reversal by antioxidant and estrogen treatments. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 185, 91-106.	1.8	12
247	Molecular and biochemical responses of hypoxia exposure in Atlantic croaker collected from hypoxic regions in the northern Gulf of Mexico. <i>PLoS ONE</i> , 2017, 12, e0184341.	2.5	12
248	Successful Spawning of Orangemouth Corvina Following Injection with des-Gly10,[D-Ala6]-Luteinizing Hormone-Releasing Hormone (1-9) Ethylamide and Pimozide. <i>Progressive Fish-Culturist</i> , 1987, 49, 66-69.	0.6	11
249	Studies on the physiology of somatolactin secretion in red drum and Atlantic croaker. <i>Fish Physiology and Biochemistry</i> , 1997, 17, 271-278.	2.3	11
250	Thyroid hormone status of Atlantic croaker exposed to Aroclor 1254 and selected PCB congeners. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 144, 263-271.	2.6	11
251	Sex differences in circulating steroid hormone levels in the red drum, <i>Sciaenops ocellatus</i> L.. <i>Aquaculture Research</i> , 2006, 37, 1464-1472.	1.8	11
252	Gonadotropin regulation of testosterone production by primary cultured theca and granulosa cells of Atlantic croaker: II. Involvement of a mitogen-activated protein kinase pathway. <i>General and Comparative Endocrinology</i> , 2006, 147, 288-296.	1.8	11

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253	Involvement of epidermal growth factor receptors and mitogen-activated protein kinase in progestin-induction of sperm hypermotility in Atlantic croaker through membrane progestin receptor-alpha. <i>Molecular and Cellular Endocrinology</i> , 2015, 414, 194-201.	3.2	11
254	Identification and characterization of a progestin and adipoQ receptor (PAQR) structurally related to Paqr7 in the ovary of <i>Cynoglossus semilaevis</i> and its potential role in regulating oocyte maturation. <i>General and Comparative Endocrinology</i> , 2016, 237, 109-120.	1.8	11
255	New insights into progesterone actions on prolactin secretion and prolactinoma development. <i>Steroids</i> , 2019, 152, 108496.	1.8	11
256	Novel mechanism of endocrine disruption by fungicides through binding to the membrane androgen receptor, ZIP9 (SLC39A9), and antagonizing rapid testosterone induction of the intrinsic apoptotic pathway. <i>Steroids</i> , 2019, 149, 108415.	1.8	11
257	Molecular characterization and expression of arginine vasotocin V1a2 receptor in Atlantic croaker brain: Potential mechanisms of its downregulation by PCB77. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22500.	3.0	11
258	Membrane progesterone receptor \pm (mPR \pm /PAQR7) promotes migration, proliferation and BDNF release in human Schwann cell-like differentiated adipose stem cells. <i>Molecular and Cellular Endocrinology</i> , 2021, 531, 111298.	3.2	11
259	mPRs represent a novel target for PRL inhibition in experimental prolactinomas. <i>Endocrine-Related Cancer</i> , 2019, 26, 497-510.	3.1	11
260	Stage-related production of 21-hydroxylated progestins by the dogfish (<i>Squalus acanthias</i>) testis. <i>The Journal of Experimental Zoology</i> , 1993, 265, 522-532.	1.4	10
261	Role of natriuretic peptide receptor 2-mediated signaling in meiotic arrest of zebrafish oocytes and its estrogen regulation through G protein-coupled estrogen receptor (Gper). <i>General and Comparative Endocrinology</i> , 2018, 265, 180-187.	1.8	10
262	Behavioural assessment of the sublethal effects of aquatic pollutants. <i>Marine Pollution Bulletin</i> , 1985, 16, 221-224.	5.0	9
263	Effects of external pH on hormonally regulated ovarian follicle maturation and ovulation in Atlantic croaker. <i>General and Comparative Endocrinology</i> , 2005, 141, 126-134.	1.8	9
264	Androgens regulate follicle stage-dependent pro- and anti-apoptosis in teleost ovaries through ZIP9 activation of different G proteins. <i>Biology of Reproduction</i> , 2019, 101, 377-391.	2.7	9
265	Molecular cloning and characterization of two ARNT (ARNT α 1 and ARNT α 2) genes in Atlantic croaker and their expression during coexposure to hypoxia and PCB77. <i>Environmental Toxicology</i> , 2019, 34, 160-171.	4.0	9
266	Morphometric classification of the neurosecretory granules in the rat pars nervosa. <i>Cell and Tissue Research</i> , 1973, 146, 463-471.	2.9	8
267	Reprint of "Role of G protein-coupled estrogen receptor (GPER/GPR30) in maintenance of meiotic arrest in fish oocytes". <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 176, 23-30.	2.5	8
268	Effects of cadmium on gonadotropin secretion from Atlantic croaker pituitaries incubated in vitro. <i>Marine Environmental Research</i> , 1993, 35, 1N5-145.	2.5	7
269	Reduced Vitellogenesis and Female Fertility in Gper Knockout Zebrafish. <i>Frontiers in Endocrinology</i> , 2021, 12, 637691.	3.5	7
270	Androgens promote vascular endothelial cell proliferation through activation of a ZIP9-dependent inhibitory G protein/PI3K-Akt/Erk/cyclin D1 pathway. <i>Molecular and Cellular Endocrinology</i> , 2021, 538, 111461.	3.2	7

#	ARTICLE	IF	CITATIONS
271	Sex steroid hormone receptors in fish ovaries. , 2007, , 203-233.		7
272	Isolation of maturational gonadotropin subunits from spotted seatrout (<i>Cynoscion nebulosus</i>) and development of a β -subunit-directed radioimmunoassay for gonadotropin measurement in sciaenid fishes. <i>General and Comparative Endocrinology</i> , 1992, 88, 100-110.	1.8	6
273	Preliminary Observations on the Reproductive Physiology of Female Orangemouth Corvina in Captivity. <i>Journal of the World Aquaculture Society</i> , 1994, 25, 214-224.	2.4	6
274	Membrane progesterone receptors (mPRs/PAQRs) in Schwann cells represent a promising target for the promotion of neuroregeneration. <i>Neural Regeneration Research</i> , 2021, 16, 281.	3.0	6
275	Effects of a pollutant and other environmental variables on the ascorbic acid content of fish tissues. <i>Marine Environmental Research</i> , 1984, 14, 489-491.	2.5	5
276	Altered glutathione status in atlantic croaker (<i>Micropogonias undulatus</i>) tissues exposed to lead. <i>Marine Environmental Research</i> , 1985, 17, 192-195.	2.5	5
277	Evaluation of changes in the secretion of corticotrophin releasing activity using the isolated rat hypothalamus incubated in vitro. <i>Journal of Endocrinology</i> , 1983, 97, 291-300.	2.6	4
278	Elevated acid-soluble thiol content in fish hepatic tissue: A response to pollutants. <i>Marine Environmental Research</i> , 1984, 14, 486-488.	2.5	4
279	Purification and characterization of a nonmetallothionein Zn-binding protein from spotted seatrout (<i>Cynoscion nebulosus</i>) oocytes. <i>Marine Environmental Research</i> , 1989, 28, 157-161.	2.5	3
280	Doom to the Red-eyed Nyungghns from the Planet Clarg: Boys as Writers of Narrative. <i>English in Education</i> , 1997, 31, 23-31.	0.7	3
281	Crucial cross-talk of interleukin-1 β and progesterone in human choriocarcinoma. <i>International Journal of Oncology</i> , 2012, 40, 1358-64.	3.3	3
282	Molecular Characterization and Expression of Cytochrome P450 Aromatase in Atlantic Croaker Brain: Regulation by Antioxidant Status and Nitric Oxide Synthase During Hypoxia Stress. <i>Frontiers in Physiology</i> , 2021, 12, 720200.	2.8	3
283	The Roles of Different Types of Progestin Receptors in Steroid Induction of Oocyte Maturation in Zebrafish.. <i>Biology of Reproduction</i> , 2008, 78, 220-220.	2.7	3
284	Disruption of Nongenomic Steroid Actions on Gametes and Serotonergic Pathways Controlling Reproductive Neuroendocrine Function by Environmental Chemicals. , 2004, , 3-45.		3
285	Joint Dysfunctionality Alleviation along with Systemic Inflammation Reduction Following Arthrocentesis Treatment in Patients with Knee Osteoarthritis: A Randomized Double-Blind Placebo-Controlled Clinical Trial. <i>Medicina (Lithuania)</i> , 2022, 58, 228.	2.0	3
286	Elevated estradiol-17 β levels inhibit final oocyte maturation via G protein-coupled estrogen receptor (Gper) in yellowfin porgy, <i>Acanthopagrus latus</i> . <i>General and Comparative Endocrinology</i> , 2020, 299, 113587.	1.8	2
287	Current Knowledge of the Nature and Identity of Progestin and Estrogen Membrane Receptors in Fish Gonads. , 2003, , 131-137.		1
288	ISOLATION AND CHARACTERIZATION OF A cDNA FROM ATLANTIC CROAKER (<i>Micropogonias undulatus</i>) OVARIES ENCODING A NOVEL PROTEIN WITH THE CHARACTERISTICS OF A MEMBRANE ANDROGEN RECEPTOR. <i>Biology of Reproduction</i> , 2007, 77, 136-136.	2.7	1

#	ARTICLE	IF	CITATIONS
289	Involvement of the PI3K/Akt Pathway via Activation of Membrane Progesterone Receptor-Alpha in Mediating Sperm Hypermotility in Atlantic Croaker.. Biology of Reproduction, 2010, 83, 491-491.	2.7	1
290	Nongenomic Androgen Actions in Male Reproductive Tissues. , 2018, , 227-233.		0