

# Peter Thomas

## List of Publications by Year in descending order

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290  
papers

17,323  
citations

14124

69  
h-index

25230

113  
g-index

291  
all docs

291  
docs citations

291  
times ranked

9639  
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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2231-2236.	3.3	748
2	Identification, classification, and partial characterization of genes in humans and other vertebrates homologous to a fish membrane progesterin receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2237-2242.	3.3	660
3	Binding and activation of the seven-transmembrane estrogen receptor GPR30 by environmental estrogens: A potential novel mechanism of endocrine disruption. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 102, 175-179.	1.2	518
4	Identification of a third distinct estrogen receptor and reclassification of estrogen receptors in teleosts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 10751-10756.	3.3	405
5	GPR30: a seven-transmembrane-spanning estrogen receptor that triggers EGF release. <i>Trends in Endocrinology and Metabolism</i> , 2005, 16, 362-367.	3.1	338
6	Characteristics of membrane progesterin receptor alpha (mPR $\alpha$ ) and progesterone membrane receptor component 1 (PGMRC1) and their roles in mediating rapid progesterin actions. <i>Frontiers in Neuroendocrinology</i> , 2008, 29, 292-312.	2.5	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. <i>Endocrinology</i> , 2012, 153, 2953-2962.	1.4	283
8	Overview of a workshop on screening methods for detecting potential (anti)estrogenic/androgenic chemicals in wildlife. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 68-87.	2.2	274
9	Progesterone Signaling in Human Myometrium through Two Novel Membrane G Protein-Coupled Receptors: Potential Role in Functional Progesterone Withdrawal at Term. <i>Molecular Endocrinology</i> , 2006, 20, 1519-1534.	3.7	274
10	Steroid and G Protein Binding Characteristics of the Seatrout and Human Progesterin Membrane Receptor $\alpha$ Subtypes and Their Evolutionary Origins. <i>Endocrinology</i> , 2007, 148, 705-718.	1.4	266
11	Twenty years of the G protein-coupled estrogen receptor GPER: Historical and personal perspectives. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 176, 4-15.	1.2	183
12	Characterization, Neurosteroid Binding and Brain Distribution of Human Membrane Progesterone Receptors $\alpha$ and $\mu$ (mPR $\alpha$ and mPR $\mu$ ) and mPR $\alpha$ Involvement in Neurosteroid Inhibition of Apoptosis. <i>Endocrinology</i> , 2013, 154, 283-295.	1.4	177
13	Expression of membrane progesterone receptors on human T lymphocytes and Jurkat cells and activation of G-proteins by progesterone. <i>Journal of Endocrinology</i> , 2007, 196, 67-77.	1.2	168
14	Widespread endocrine disruption and reproductive impairment in an estuarine fish population exposed to seasonal hypoxia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2693-2702.	1.2	165
15	Gonadotropic control of ovarian follicle maturation: the two-stage concept and its mechanisms. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 129, 427-439.	0.7	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. <i>Biology of Reproduction</i> , 2000, 62, 995-1004.	1.2	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. <i>Aquaculture</i> , 1991, 96, 69-86.	1.7	144
18	Membrane Progesterone Receptors: Evidence for Neuroprotective, Neurosteroid Signaling and Neuroendocrine Functions in Neuronal Cells. <i>Neuroendocrinology</i> , 2012, 96, 162-171.	1.2	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.	0.8	139
20	Identification of 17 $\beta$ ,20 $\beta$ ,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.	0.8	134
21	Molecular cloning, characterization and expression of two hypoxia-inducible factor alpha subunits, HIF-1 $\beta$ and HIF-2 $\beta$ , in a hypoxia-tolerant marine teleost, Atlantic croaker ( <i>Micropogonias undulatus</i> ). <i>Gene</i> , 2007, 396, 273-282.	1.0	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.	1.4	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.	1.4	133
24	Characterization of membrane receptor activity for 17 $\beta$ ,20 $\beta$ ,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.	0.8	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.	1.7	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.	1.4	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.	0.8	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 Maturation. <i>Biology of Reproduction</i> , 1990, 43, 818-827.	1.2	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.	0.8	120
30	Multiple rapid progestin actions and progestin membrane receptor subtypes in fish. <i>Steroids</i> , 2004, 69, 567-573.	0.8	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.	0.9	114
33	Evidence that 17 $\beta$ ,20 $\beta$ ,21-trihydroxy-4-pregnen-3-one is a maturation-inducing steroid in spotted seatrout. <i>Fish Physiology and Biochemistry</i> , 1989, 7, 185-191.	0.9	113
34	Enhancement of Cell Surface Expression and Receptor Functions of Membrane Progestin Receptor 1 (mPR1) 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.	1.4	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.	0.8	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.	0.8	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.	1.4	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.	1.9	107
39	Progesterin, estrogen and androgen G-protein coupled receptors in fish gonads. <i>Steroids</i> , 2006, 71, 310-316.	0.8	106
40	Disruption of Neuroendocrine Control of Luteinizing Hormone Secretion by Aroclor 1254 Involves Inhibition of Hypothalamic Tryptophan Hydroxylase Activity <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 64, 955-964.	1.2	98
41	The Role of Xenopus Membrane Progesterone Receptor $\hat{1}^2$ 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.	1.4	97
43	Cell-surface expression, progestin binding, and rapid nongenomic signaling of zebrafish membrane progestin receptors $\hat{1}^{\pm}$ and $\hat{1}^2$ in transfected cells. <i>Journal of Endocrinology</i> , 2006, 190, 247-260.	1.2	93
44	Characterization and Expression of the Nuclear Progesterin Receptor in Zebrafish Gonads and Brain <sup>1</sup> . <i>Biology of Reproduction</i> , 2010, 82, 112-122.	1.2	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.	1.1	91
47	Involvement of estradiol-17 $\hat{1}^2$ 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.	0.8	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.	0.8	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 <sup>1</sup> . <i>Biology of Reproduction</i> , 1999, 61, 51-60.	1.2	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.	1.3	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 <sup>1</sup> . <i>Biology of Reproduction</i> , 1999, 61, 1152-1161.	1.2	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.	0.8	85
53	Reproductive endocrine function in female atlantic croaker exposed to pollutants. <i>Marine Environmental Research</i> , 1988, 24, 179-183.	1.1	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.	0.8	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.	0.8	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.	0.8	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.	0.8	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.	0.7	84
59	Molecular cloning and characterization of a nuclear androgen receptor activated by 11-ketotestosterone. <i>Reproductive Biology and Endocrinology</i> , 2005, 3, 37.	1.4	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.	1.6	84
61	Membrane progesterone receptors localization in the mouse spinal cord. <i>Neuroscience</i> , 2010, 166, 94-106.	1.1	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 rerio</i> ). <i>Journal of Endocrinology</i> , 2011, 169, 107-117.	1.0	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.	1.2	82
64	ZIP9, a novel membrane androgen receptor and zinc transporter protein. <i>General and Comparative Endocrinology</i> , 2018, 257, 130-136.	0.8	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.	0.8	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.	2.0	77
67	Comparison between steroid binding to membrane progesterone receptor $1\pm$ (mPR $1\pm$ ) and to nuclear progesterone receptor: Correlation with physicochemical properties assessed by comparative molecular field analysis and identification of mPR $1\pm$ -specific agonists. <i>Steroids</i> , 2010, 75, 314-322.	0.8	76
68	Role of Arachidonic Acid and Protein Kinase C During Maturation-Inducing Hormone-Dependent Meiotic Resumption and Ovulation in Ovarian Follicles of Atlantic Croaker. <i>Biology of Reproduction</i> , 2003, 68, 516-523.	1.2	72
69	Candidates for membrane progesterone receptors: Past approaches and future challenges. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 148, 381-389.	1.3	72
70	Progesterone increases nitric oxide synthesis in human vascular endothelial cells through activation of membrane progesterone receptor- $1\pm$ . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E899-E911.	1.8	72
71	Identification of membrane progesterone receptors in human breast cancer cell lines and biopsies and their potential involvement in breast cancer. <i>Steroids</i> , 2007, 72, 111-116.	0.8	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.	1.0	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.	1.2	69
74	Progesterin Signaling through an Olfactory G Protein and Membrane Progesterin Receptor-1 $\alpha$ in Atlantic Croaker Sperm: Potential Role in Induction of Sperm Hypermotility. <i>Endocrinology</i> , 2009, 150, 473-484.	1.4	69
75	Membrane Androgen Receptors Unrelated to Nuclear Steroid Receptors. <i>Endocrinology</i> , 2019, 160, 772-781.	1.4	68
76	Upregulation of the Maturation-Inducing Steroid Membrane Receptor in Spotted Seatrout Ovaries by Gonadotropin During Oocyte Maturation and Its Physiological Significance <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 64, 21-29.	1.2	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.	0.8	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.	1.1	64
80	Characterization of a Progesterone Receptor in the Ovary of the Spotted Seatrout, <i>Cynoscion nebulosus</i> <sup>1</sup> . <i>Biology of Reproduction</i> , 1995, 52, 667-675.	1.2	64
81	Reproductive endocrine dysfunction in Atlantic croaker exposed to hypoxia. <i>Marine Environmental Research</i> , 2006, 62, S249-S252.	1.1	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.	0.7	63
83	Induction of maturation of atlantic croaker oocytes by 17 $\beta$ ,20 $\beta$ ,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.	0.9	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.	1.1	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	1.7	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.	0.8	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.	0.7	60
90	Distribution and hormonal regulation of membrane progesterone receptors 1 $\alpha$ and 1 $\beta$ in ciliated epithelial cells of mouse and human fallopian tubes. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 89.	1.4	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 Oocytes. <i>Biology of Reproduction</i> , 2015, 93, 135.	1.2	60
92	Hormonal Regulation of Final Maturation of Striped Bass Oocytes in Vitro. <i>General and Comparative Endocrinology</i> , 1994, 96, 223-233.	0.8	59
93	Biochemical Characterization of a Membrane Androgen Receptor in the Ovary of the Atlantic Croaker ( <i>Micropogonias undulatus</i> ). <i>Biology of Reproduction</i> , 2004, 71, 146-155.	1.2	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.	1.2	58
95	Progesterone effects on lymphocytes may be mediated by membrane progesterone receptors. <i>Journal of Reproductive Immunology</i> , 2012, 95, 15-26.	0.8	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.	0.8	57
97	Induction of Ovulation of Mature Oocytes by the Maturation-Inducing Steroid 17,20 $\beta$ ,21-Trihydroxy-4-pregnen-3-one in the Spotted Seatrout. <i>General and Comparative Endocrinology</i> , 1999, 115, 200-209.	0.8	57
98	Red Drum Somatotactin: 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.	0.8	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 Bioassay. <i>Biology of Reproduction</i> , 1997, 57, 999-1007.	1.2	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.	1.3	56
101	Binding characteristics, hormonal regulation and identity of the sperm membrane progesterin receptor in Atlantic croaker. <i>Steroids</i> , 2005, 70, 427-433.	0.8	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.	1.8	56
103	Comparison of methods for determination of ascorbic acid in animal tissues. <i>Analytical Chemistry</i> , 1983, 55, 1229-1232.	3.2	55
104	Biochemical stress responses of striped mullet ( <i>Mugil cephalus</i> L.) to fluorene analogs. <i>Aquatic Toxicology</i> , 1981, 1, 329-342.	1.9	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.	0.8	53
106	Reproductive life history stages sensitive to oil and naphthalene in Atlantic croaker. <i>Marine Environmental Research</i> , 1995, 39, 147-150.	1.1	53
107	Distribution and Estrogen Regulation of Membrane Progesterone Receptor- $\beta$ in the Female Rat Brain. <i>Endocrinology</i> , 2012, 153, 4432-4443.	1.4	53
108	Functional characteristics of membrane progesterin receptor alpha (mPR $\alpha$ ) subtypes: A review with new data showing mPR $\alpha$ expression in seatrout sperm and its association with sperm motility. <i>Steroids</i> , 2008, 73, 935-941.	0.8	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.	0.8	51
110	Binding of metals to red drum vitellogenin and incorporation into oocytes. <i>Marine Environmental Research</i> , 1995, 39, 165-168.	1.1	51
111	The distributions of the duplicate oestrogen receptors ER- $\beta$ 2a and ER- $\beta$ 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.	1.2	51
112	Molecular characterization of three forms of putative membrane-bound progesterin receptors and their tissue-distribution in channel catfish, <i>Ictalurus punctatus</i> . <i>Journal of Molecular Endocrinology</i> , 2005, 34, 781-791.	1.1	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.	1.0	51
114	Progesterin Signaling Through mPR $\beta$ in Atlantic Croaker Granulosa/Theca Cell Cocultures and Its Involvement in Progesterin Inhibition of Apoptosis. <i>Endocrinology</i> , 2010, 151, 5916-5926.	1.4	51
115	A Receptor for the Oocyte Maturation-Inducing Hormone 17 $\beta$ ,20 $\beta$ ,21-Trihydroxy-4-Pregnen-3-One on Ovarian Membranes of Striped Bass. <i>Biological Journal of the Royal Society</i> , 1997, 56, 266-271.	1.2	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.	0.8	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.	0.7	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: Interference with Progesterin Stimulation of Sperm Motility in Atlantic Croaker. <i>Environmental Science &amp; Technology</i> , 2004, 38, 6328-6332.	4.6	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.	0.9	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.	1.2	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.	0.7	48
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124	Gonadal Stage-Dependent Effects of Gonadal Steroids on Gonadotropin II Secretion in the Atlantic Croaker ( <i>Micropogonias undulatus</i> ) 1. <i>Biological Journal of the Royal Society</i> , 1999, 61, 834-841.	1.2	48
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