Yonathan Zohar

List of Publications by Year
in descending order

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108	7,203	38660	58464
papers	citations	50 h-index	82 g-index

111	111	111	4717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A half century of fish gonadotropinâ€releasing hormones: Breaking paradigms. Journal of Neuroendocrinology, 2022, 34, e13069.	1.2	13
2	Vasoactive Intestinal Peptide Indirectly Elicits Pituitary LH Secretion Independent of GnRH in Female Zebrafish. Endocrinology, 2022, 163, .	1.4	5
3	Chemogenetic Depletion of Hypophysiotropic GnRH Neurons Does Not Affect Fertility in Mature Female Zebrafish. International Journal of Molecular Sciences, 2022, 23, 5596.	1.8	0
4	Fish reproductive biology â€“ Reflecting on five decades of fundamental and translational research. General and Comparative Endocrinology, 2021, 300, 113544.	0.8	35
5	Gnrh2 maintains reproduction in fasting zebrafish through dynamic neuronal projection changes and regulation of gonadotropin synthesis, oogenesis, and reproductive behaviors. Scientific Reports, 2021, 11, 6657.	1.6	15
6	First data on aquaculture of the <scp>Tripletail</scp>, <scp>Lobotes surinamensis</scp>, a promising candidate species for U.S. marine aquaculture. Journal of the World Aquaculture Society, 2021, 52, 582-594.	1.2	4
7	The gonadotropin-releasing hormones: Lessons from fish. General and Comparative Endocrinology, 2020, 291, 113422.	0.8	68
8	Induced Spawning of F1 Wreckfish (HÄpuku) Polyprion oxygeneios Using a Synthetic Agonist of Gonadotropin-Releasing Hormone. Fishes, 2019, 4, 41.	0.7	1
9	Agouti-Related Protein 2 Is a New Player in the Teleost Stress Response System. Current Biology, 2019, 29, 2009-2019.e7.	1.8	35
10	Knockout of Gnrh2 in zebrafish (Danio rerio) reveals its roles in regulating feeding behavior and oocyte quality. General and Comparative Endocrinology, 2019, 280, 15-23.	0.8	34
11	Knockout of the Gnrh genes in zebrafish: effects on reproduction and potential compensation by reproductive and feeding-related neuropeptidesâ€. Biology of Reproduction, 2018, 99, 565-577.	1.2	58
12	Photoperiodism in Fish. , 2018, , 400-408.		7
13	Reproductive Technology (Non-human/Non-primate): Sex Control and Sterilization in Fish. , 2018, , 796-801.		1
14	The gonadotropin-inhibitory hormone (Lpxrfa) system's regulation of reproduction in the brainâ€“pituitary axis of the zebrafish (Danio rerio)â€. Biology of Reproduction, 2017, 96, 1031-1042.	1.2	57
15	Neurokinin B regulates reproduction via inhibition of kisspeptin in a teleost, the striped bass. Journal of Endocrinology, 2017, 233, 159-174.	1.2	26
16	Seasonal expression of arginine vasotocin mRNA and its correlations to gonadal steroidogenic enzymes and sexually dimorphic coloration during sex reversal in the gilthead seabream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1		
17	Targeted Mutagenesis of the Hypophysiotropic Gnrh3 in Zebrafish (Danio rerio) Reveals No Effects on Reproductive Performance. PLoS ONE, 2016, 11, e0158141.	1.1	72
18	Involvement of hormones in olfactory imprinting and homing in chum salmon. Scientific Reports, 2016, 6, 21102.	1.6	28

#	ARTICLE	IF	CITATIONS
19	Production of reproductively sterile fish by a non-transgenic gene silencing technology. Scientific Reports, 2015, 5, 15822.	1.6	53
20	Production of reproductively sterile fish: A mini-review of germ cell elimination technologies. General and Comparative Endocrinology, 2015, 221, 3-8.	0.8	41
21	Kisspeptin Antagonists Reveal Kisspeptin 1 and Kisspeptin 2 Differential Regulation of Reproduction in the Teleost, Morone saxatilis1. Biology of Reproduction, 2015, 93, 76.	1.2	31
22	Influence of tidal cycles on the endocrine control of reproductive activity in common snook (Centropomus undecimalis). General and Comparative Endocrinology, 2015, 224, 247-259.	0.8	9
23	Architecture of GnRH-Gonadotrope-Vasculature Reveals a Dual Mode of Gonadotropin Regulation in Fish. Endocrinology, 2015, 156, 4163-4173.	1.4	79
24	Editorial. General and Comparative Endocrinology, 2015, 221, 1-2.	0.8	2
25	Editorial (Thematic Issue: Current Advances in Marine Biotechnology). Current Biotechnology, 2015, 4, 211-211.	0.2	0
26	Nannochloropsis Genomes Reveal Evolution of Microalgal Oleaginous Traits. PLoS Genetics, 2014, 10, e1004094.	1.5	217
27	The Medio-Basal Hypothalamus as a Dynamic and Plastic Reproduction-Related Kisspeptin-gnrh-Pituitary Center in Fish. Endocrinology, 2014, 155, 1874-1886.	1.4	51
28	Comprehensive Analysis of GnRH2 Neuronal Projections in Zebrafish. Scientific Reports, 2014, 4, 3676.	1.6	55
29	GnRH isoforms expression in relation to the gonadal cycle and to dominance rank in the Gilthead seabream, Sparus aurata. Fish Physiology and Biochemistry, 2013, 39, 993-1005.	0.9	4
30	Chronic kisspeptin administration stimulated gonadal development in pre-pubertal male yellowtail kingfish (Seriola lalandi; Perciformes) during the breeding and non-breeding season. General and Comparative Endocrinology, 2013, 191, 168-176.	0.8	44
31	Novel Bacterial Isolate from Permian Groundwater, Capable of Aggregating Potential Biofuel-Producing Microalga Nannochloropsis oceanica IMET1. Applied and Environmental Microbiology, 2012, 78, 1445-1453.	1.4	86
32	Differential and Gonad Stage-Dependent Roles of Kisspeptin1 and Kisspeptin2 in Reproduction in the Modern Teleosts, Morone Species1. Biology of Reproduction, 2012, 86, 177.	1.2	107
33	Lactobacillus rhamnosus Accelerates Zebrafish Backbone Calcification and Gonadal Differentiation through Effects on the GnRH and IGF Systems. PLoS ONE, 2012, 7, e45572.	1.1	116
34	Neuroendocrinology of reproduction in teleost fish. General and Comparative Endocrinology, 2010, 165, 438-455.	0.8	707
35	Cxcl12aâ€“Cxcr4b signaling is important for proper development of the forebrain GnRH system in zebrafish. General and Comparative Endocrinology, 2010, 165, 262-268.	0.8	46
36	Targeted Gonadotropin-Releasing Hormone-3 Neuron Ablation in Zebrafish: Effects on Neurogenesis, Neuronal Migration, and Reproduction. Endocrinology, 2010, 151, 332-340.	1.4	87

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37	The zebrafish as a model system for forebrain GnRH neuronal development. General and Comparative Endocrinology, 2009, 164, 151-160.	0.8	58
38	Follicle stimulating hormone (FSH) and luteinizing hormone (LH) gene expression during larval development in Senegalese sole (Solea senegalensis). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 154, 37-43.	0.8	21
39	Nasal embryonic LHRH factor plays a role in the developmental migration and projection of gonadotropinâ€releasing hormone 3 neurons in zebrafish. Developmental Dynamics, 2009, 238, 66-75.	0.8	36
40	Environmentally sustainable land-based marine aquaculture. Aquaculture, 2009, 286, 28-35.	1.7	167
41	The combined effects of temperature and GnRHa treatment on the final stages of sexual maturation in Atlantic salmon (Salmo salar L.) females. Fish Physiology and Biochemistry, 2008, 34, 289-298.	0.9	31
42	The Chesapeake Bay Blue Crab (Callinectes sapidus): A Multidisciplinary Approach to Responsible Stock Replenishment. Reviews in Fisheries Science, 2008, 16, 24-34.	2.1	64
43	Do Hatchery-Reared Blue Crabs Differ from Wild Crabs, and Does it Matter?. Reviews in Fisheries Science, 2008, 16, 254-261.	2.1	27
44	Release Strategies for Estuarine Species with Complex Migratory Life Cycles: Stock Enhancement of Chesapeake Blue Crabs (Callinectes sapidus). Reviews in Fisheries Science, 2008, 16, 175-185.	2.1	44
45	The Role of Netrins and Hedgehog in the Early Development of the Zebrafish GnRH1 System.. Biology of Reproduction, 2008, 78, 177-177.	1.2	0
46	Marine Biotechnology: Realizing the Potential. Marine Technology Society Journal, 2007, 41, 24-31.	0.3	2
47	Preparation and Administration of Gonadotropin-Releasing Hormone Agonist (GnRHa) Implants for the Artificial Control of Reproductive Maturation in Captive-Reared Atlantic Bluefin Tuna (Thunnus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	9
48	Ontogeny of the GnRH systems in zebrafish brain: in situ hybridization and promoter-reporter expression analyses in intact animals. Cell and Tissue Research, 2006, 327, 313-322.	1.5	79
49	Molecular Biology of Ovarian Aromatase in Sex Reversal: Complementary DNA and 5â€²-Flanking Region Isolation and Differential Expression of Ovarian Aromatase in the Gilthead Seabream (Sparus aurata)1. Biology of Reproduction, 2006, 74, 857-864.	1.2	50
50	Assessing the potential for stock enhancement in the case of the Chesapeake Bay blue crab (Callinectes) Tj ETQq0 0 0 rgBT /Overlock 10	0.7	33
51	Morphological conditioning of a hatchery-raised invertebrate, Callinectes sapidus, to improve field survivorship after release. Aquaculture, 2005, 243, 147-158.	1.7	49
52	Large-scale juvenile production of the blue crab Callinectes sapidus. Aquaculture, 2005, 244, 129-139.	1.7	115
53	Differences between Hatchery-Raised and Wild Blue Crabs: Implications for Stock Enhancement Potential. Transactions of the American Fisheries Society, 2004, 133, 1-14.	0.6	57
54	Novel Expression of Gonadotropin Subunit Genes in Oocytes of the Gilthead Seabream (Sparus aurata). Endocrinology, 2004, 145, 5210-5220.	1.4	88

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55	Dopamine Inhibits Luteinizing Hormone Synthesis and Release in the Juvenile European Eel: A Neuroendocrine Lock for the Onset of Puberty1. Biology of Reproduction, 2004, 71, 1491-1500.	1.2	146
56	Developmental Expression of Three Forms of Gonadotropin-Releasing Hormone and Ontogeny of the Hypothalamic-Pituitary-Gonadal Axis in Gilthead Seabream (Sparus aurata)1. Biology of Reproduction, 2004, 71, 1026-1035.	1.2	51
57	Temporal profile of Î² follicle-stimulating hormone, Î² luteinizing hormone, and growth hormone gene expression in the protandrous hermaphrodite, gilthead seabream, Sparus aurata. General and Comparative Endocrinology, 2004, 137, 288-299.	0.8	38
58	Localization and expression of aromatase mRNA in adult zebrafish. General and Comparative Endocrinology, 2004, 139, 72-84.	0.8	146
59	Seasonal changes of responses to gonadotropin-releasing hormone analog in expression of growth hormone/prolactin/somatolactin genes in the pituitary of masu salmon. General and Comparative Endocrinology, 2003, 130, 55-63.	0.8	75
60	Seasonal variation of the three native gonadotropin-releasing hormone messenger ribonucleic acids levels in the brain of female red seabream. General and Comparative Endocrinology, 2003, 130, 324-332.	0.8	65
61	Molecular characterization of the GnRH system in zebrafish (Danio rerio): cloning of chicken GnRH-II, adult brain expression patterns and pituitary content of salmon GnRH and chicken GnRH-II. General and Comparative Endocrinology, 2003, 133, 27-37.	0.8	120
62	Analysis of myostatin gene structure, expression and function in zebrafish. Journal of Experimental Biology, 2003, 206, 4067-4079.	0.8	173
63	Noninvasive, mass marking of fish by immersion in calcein: evaluation of fish size and ultrasound exposure on mark endurance. Aquaculture, 2002, 214, 169-183.	1.7	46
64	The effects of long-term testosterone, gonadotropin-releasing hormone agonist and pimozide treatments on testicular development and luteinizing hormone levels in juvenile and early maturing striped bass, Morone saxatilis. General and Comparative Endocrinology, 2002, 129, 178-187.	0.8	14
65	Physiological changes in the spawning gilthead seabream,Sparus aurata, succeeding the removal of males. The Journal of Experimental Zoology, 2002, 292, 555-564.	1.4	28
66	Immunohistochemical localization of three different prepro-GnRHs in the brain and pituitary of the European sea bass (Dicentrarchus labrax) using antibodies to the corresponding GnRH-associated peptides. Journal of Comparative Neurology, 2002, 446, 95-113.	0.9	152
67	Effects of Phase-Shifted Photoperiod Regimes on Oocyte Growth and Hormonal Profiles in Female Striped Bass Morone saxatilis. Journal of the World Aquaculture Society, 2002, 33, 358-368.	1.2	6
68	The 5â€²-Flanking Regions of CYP19A1 and CYP19A2 in Zebrafish. Biochemical and Biophysical Research Communications, 2001, 288, 503-508.	1.0	140
69	Visualizing Normal and Defective Bone Development in Zebrafish Embryos Using the Fluorescent Chromophore Calcein. Developmental Biology, 2001, 238, 239-246.	0.9	227
70	Recombinant perciform GnRH-R activates different signaling pathways in fish and mammalian heterologous cell lines. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 129, 375-380.	0.7	9
71	Three forms of GnRH in the brain and pituitary of the turbot, Scophthalmus maximus: immunological characterization and seasonal variation. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 129, 551-558.	0.7	51
72	Long photoperiod delayed spawning and increased somatic growth in gilthead seabream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	107

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73	Endocrine manipulations of spawning in cultured fish: from hormones to genes. Aquaculture, 2001, 197, 99-136.	1.7	413
74	Endocrine regulation and artificial induction of oocyte maturation and spermiation in basses of the genus Morone. Aquaculture, 2001, 202, 205-220.	1.7	65
75	Differential expression of three different prepro-GnRH (gonadotrophin-releasing hormone) messengers in the brain of the european sea bass (Dicentrarchus labrax). Journal of Comparative Neurology, 2001, 429, 144-155.	0.9	136
76	Gonadal development and plasma steroid levels during pubertal development in captive-reared striped bass,Morone saxatilis. , 2000, 286, 49-63.		54
77	Use of GnRHa-delivery systems for the control of reproduction in fish. Reviews in Fish Biology and Fisheries, 2000, 10, 463-491.	2.4	202
78	Effects of Gonadotropin-Releasing Hormone Analog on Expression of Genes Encoding the Growth Hormone/Prolactin/Somatolactin Family and a Pituitary-Specific Transcription Factor in the Pituitaries of Prespawning Sockeye Salmon. General and Comparative Endocrinology, 2000, 118, 418-424.	0.8	22
79	Early Maturity in the Male Striped Bass, Morone saxatilis: Follicle-Stimulating Hormone and Luteinizing Hormone Gene Expression and Their Regulation by Gonadotropin-Releasing Hormone Analogue and Testosterone1. Biology of Reproduction, 2000, 63, 1691-1697.	1.2	53
80	Cloning and functional expression of a thyrotropin receptor from the gonads of a vertebrate (bony) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Endocrinology, 2000, 167, 1-9.	1.6	70
81	Characterization of a pituitary GnRH-receptor from a perciform fish, Morone saxatilis: functional expression in a fish cell line. Molecular and Cellular Endocrinology, 2000, 168, 65-75.	1.6	50
82	Ontogeny of Follicle-Stimulating Hormone and Luteinizing Hormone Gene Expression During Pubertal Development in the Female Striped Bass, Morone saxatilis (Teleostei)1. Biology of Reproduction, 1999, 61, 1608-1615.	1.2	50
83	Age-Related Sperm Quality of Captive Striped BassMorone saxatilis. Journal of the World Aquaculture Society, 1999, 30, 65-72.	1.2	35
84	Endocrine Profiles of Female Striped Bass (Morone saxatilis) in Captivity, during Postvitellogenesis and Induction of Final Oocyte Maturation via Controlled-Release GnRHa-Delivery Systems. General and Comparative Endocrinology, 1998, 110, 276-289.	0.8	84
85	Gonadotrophin-Releasing Hormone Agonist Stimulates Milt Fluidity and Plasma Concentrations of 17,20Î²-Dihydroxylated and 5Î²-Reduced, 3Î±-Hydroxylated C21Steroids in Male Plaice (Pleuronectes platessa). General and Comparative Endocrinology, 1998, 112, 163-177.	0.8	58
86	Hormone Profiles of Captive Striped Bass Morone saxatilis During Spermiation, and Long-Term Enhancement of Milt Production. Journal of the World Aquaculture Society, 1998, 29, 379-392.	1.2	33
87	Development and Validation of a Radioimmunoassay for Studying Plasma Levels of Gonadotropin II (GtH-II) in Striped Bass (Morone saxatilis)a. Annals of the New York Academy of Sciences, 1998, 839, 425-426.	1.8	5
88	GnRH Analog Stimulates Gonadotropin II Gene Expression in Maturing Sockeye Salmon. Zoological Science, 1998, 15, 761-765.	0.3	45
89	Gonadotropin-Releasing Hormone Analog and Sex Steroids Shorten Homing Duration of Sockeye Salmon in Lake Shikotsu. Zoological Science, 1998, 15, 767-771.	0.3	33
90	Effect of dietary lipid composition on vitellogenin, 17Î²-estradiol and gonadotropin plasma levels and spawning performance in captive sea bass (Dicentrarchus labrax L.). Aquaculture, 1998, 165, 65-79.	1.7	59

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91	Gonadotropin-I and -II Subunit Gene Expression of Male Striped Bass (Morone saxatilis) after Gonadotropin-Releasing Hormone Analogue Injection: Quantitation Using an Optimized Ribonuclease Protection Assay1. Biology of Reproduction, 1998, 58, 1233-1240.	1.2	68
92	Effects of Long-Term Testosterone, Gonadotropin-Releasing Hormone Agonist, and Pimozide Treatments on Gonadotropin II Levels and Ovarian Development in Juvenile Female Striped Bass (Morone saxatilis)1. Biology of Reproduction, 1998, 59, 1153-1162.	1.2	57
93	Acceleration of Gonadal Maturation in Anadromous Maturing Sockeye Salmon by Gonadotropin-Releasing Hormone Analog Implantation. Fisheries Science, 1998, 64, 948-951.	0.7	20
94	Preovulatory Changes in the Levels of Three Gonadotropin-Releasing Hormone- Encoding Messenger Ribonucleic Acids (mRNAs), Gonadotropin I-Subunit mRNAs, Plasma Gonadotropin, and Steroids in the Female Gilthead Seabream, Sparus aurata 1. Biology of Reproduction, 1997, 57, 1145-1154.	1.2	79
95	Changes in Plasma Gonadotropin II and Sex Steroid Hormones, and Sperm Production of Striped Bass after Treatment with Controlled-Release Gonadotropin-Releasing Hormone Agonist-Delivery Systems1. Biology of Reproduction, 1997, 57, 669-675.	1.2	58
96	Sexual Differences in Homing Profiles and Shortening of Homing Duration by Gonadotropin-Releasing Hormone Analog Implantation in Lacustrine Sockeye Salmon (Oncorhynchus nerka) in Lake Shikotsu. Zoological Science, 1997, 14, 1009-1014.	0.3	55
97	Hormonal changes in male white bass (Morone chrysops) and evaluation of milt quality after treatment wit. Aquaculture, 1997, 153, 301-313.	1.7	64
98	Modulation of Testicular Androgen Production in Adolescent African Catfish (Clarias gariepinus). General and Comparative Endocrinology, 1997, 108, 56-66.	0.8	11
99	Plasma Gonadotropin II, Sex Steroids, and Thyroid Hormones in Wild Striped Bass (Morone saxatilis) during Spermiation and Final Oocyte Maturation. General and Comparative Endocrinology, 1997, 108, 223-236.	0.8	69
100	Application of controlled-release, GnRHa-delivery systems in commercial production of white bass X striped bass hybrids (sunshine bass), using captive broodstocks. Aquaculture, 1996, 140, 265-280.	1.7	45
101	Sustained administration of GnRHa increases milt volume without altering sperm counts in the sea bass. The Journal of Experimental Zoology, 1996, 276, 361-368.	1.4	55
102	Three Forms of Gonadotropin-Releasing Hormone in a Perciform Fish (Sparus Aurata): Complementary Deoxyribonucleic Acid Characterization and Brain Localization1. Biology of Reproduction, 1996, 55, 636-645.	1.2	155
103	Sperm Characteristics of Precocious 1â€yearâ€old Male Striped Bass Morone saxatilis. Journal of the World Aquaculture Society, 1996, 27, 208-212.	1.2	11
104	Sustained administration of GnRHa increases milt volume without altering sperm counts in the sea bass. , 1996, 276, 361.		7
105	Effects of dorsal aorta cannulation on cortisol and other stress parameters in the euryhaline tilapia, Oreochromis mossambicus. Aquaculture, 1995, 135, 216.	1.7	7
106	Characterization of Gonadotropin-Releasing Hormone Binding to Pituitary Receptors in the Gilthead Seabream (Sparus Aurata)1. Biology of Reproduction, 1992, 47, 1004-1008.	1.2	16
107	Effects of acute versus sustained administration of GnRHa on GtH release and ovulation in the rainbow trout, Oncorhynchus mykiss. Aquaculture, 1990, 91, 373-383.	1.7	65
108	A diluent for sperm cryopreservation of gilthead seabream, Sparus aurata. Aquaculture, 1990, 90, 345-352.	1.7	59