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List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sperm quality of greater amberjack Seriola dumerili throughout the reproductive season and in response to GnRHa treatment with controlled release implants. Fish Physiology and Biochemistry, 2021, 47, 281-292.	0.9	10
2	Reproduction of greater amberjack (<i>Seriola dumerili</i>) and other members of the family Carangidae. Reviews in Aquaculture, 2021, 13, 1781-1815.	4.6	15
3	The importance of thermoperiod for proper gametogenesis and successful egg and sperm production in meagre (Argyrosomus regius) breeders in aquaculture. Mediterranean Marine Science, 2021, 22, 218.	0.6	2
4	Influence of Environmental Temperature and Hormonal Stimulation on the In Vitro Sperm Maturation in Sterlet Acipenser ruthenus in Advance of the Spawning Season. Animals, 2021, 11, 1417.	1.0	1
5	Atresia of ovarian follicles in fishes, and implications and uses in aquaculture and fisheries. Journal of Fish Diseases, 2021, 44, 1271-1291.	0.9	31
6	Lack of negative effects of fasting of gilthead seabream (Sparus aurata) breeders during the spawning period on maternal and egg nutrient composition, fertilization success, and early embryo/larval development. Fish Physiology and Biochemistry, 2021, 47, 1257-1270.	0.9	1
7	GnRHa implants and temperature modulate Lambariâ€doâ€raboâ€amarelo, <i>Astyanax altiparanae</i> (Characiformes: Characidae) induced reproduction out of the reproductive season. Aquaculture Research, 2021, 52, 5595-5605.	0.9	6
8	Histological evaluation of sex differentiation and early sex identification in hatchery-produced greater amberjack (Seriola dumerili) reared in sea cages. Fish Physiology and Biochemistry, 2021, 47, 1777-1792.	0.9	5
9	First linkage maps and a pilot QTL analysis for early growth performance in common dentex (Dentex) Tj ETQq1	1 0.784314 0.7	rgBT /Overlo
10	Spawning kinetics and parentage contribution of European sea bass (Dicentrarchus labrax) broodstocks, and influence of GnRHa-induced spawning. Aquaculture Reports, 2021, 21, 100766.	0.7	1
11	Control of reproduction of greater amberjack Seriola dumerili reared in aquaculture facilities. Aquaculture, 2020, 519, 734880.	1.7	18
12	Endocrine regulation of long-term enhancement of spermiation in meagre (Argyrosomus regius) with GnRHa controlled-delivery systems. General and Comparative Endocrinology, 2020, 297, 113549.	0.8	7
13	The ontogeny of greater amberjack digestive and antioxidant defence systems under different rearing conditions: A histological and enzymatic approach. Aquaculture Nutrition, 2020, 26, 1908-1925.	1.1	8
14	Non-coding RNA Expression Patterns of Two Different Teleost Gonad Maturation Stages. Marine Biotechnology, 2020, 22, 683-695.	1.1	11
15	Increased melanomacrophage centres in the liver of reproductively dysfunctional female greater amberjack <i>Seriola dumerili</i> (Risso, 1810). Journal of Fish Diseases, 2020, 43, 503-514.	0.9	10
16	Optimization of a GnRHa treatment for spawning commercially reared greater amberjack Seriola dumerili: Dose response and extent of the reproductive season. Aquaculture, 2020, 521, 735011.	1.7	13
17	Vocal repertoire and consistency of call features in the meagre Argyrosomous regius (Asso, 1801). PLoS ONE, 2020, 15, e0241792.	1.1	4
18	Vitellogenin receptor and fatty acid profiles of individual lipid classes of oocytes from wild and captive-reared greater amberjack (Seriola dumerili) during the reproductive cycle. Theriogenology, 2019, 140, 73-83.	0.9	16

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19	Effects of diisononyl phthalate (DiNP) on the endocannabinoid and reproductive systems of male gilthead sea bream (Sparus aurata) during the spawning season. Archives of Toxicology, 2019, 93, 727-741.	1.9	20
20	Effects of Dietary Bisphenol A on the Reproductive Function of Gilthead Sea Bream (Sparus aurata) Testes. International Journal of Molecular Sciences, 2019, 20, 5003.	1.8	15
21	Gamete quality and management for in vitro fertilisation in meagre (Argyrosomus regius). Aquaculture, 2019, 509, 227-235.	1.7	13
22	Dietary diisononylphthalate contamination induces hepatic stress: a multidisciplinary investigation in gilthead seabream (Sparus aurata) liver. Archives of Toxicology, 2019, 93, 2361-2373.	1.9	15
23	Wreckfish (Polyprion americanus). New Knowledge About Reproduction, Larval Husbandry, and Nutrition. Promise as a New Species for Aquaculture. Fishes, 2019, 4, 14.	0.7	6
24	Spawning kinetics and egg/larval quality of greater amberjack (Seriola dumerili) in response to multiple GnRHa injections or implants. General and Comparative Endocrinology, 2019, 279, 78-87.	0.8	17
25	Diets contaminated with Bisphenol A and Di-isononyl phtalate modify skeletal muscle composition: A new target for environmental pollutant action. Science of the Total Environment, 2019, 658, 250-259.	3.9	14
26	Ontogeny of the eye of meagre (Argyrosomus regius) from hatching to juvenile and implications to commercial larval rearing. Aquaculture, 2018, 484, 32-43.	1.7	8
27	Hermaphroditism and reproductive function of hatchery-produced sharpsnout seabream (Diplodus) Tj ETQq1 1 ().784314 r 1.7	gBT /Overloo
28	The observed oogenesis impairment in greater amberjack <i>Seriola dumerili</i> (Risso, 1810) reared in captivity is not related to an insufficient liver transcription or oocyte uptake of vitellogenin. Aquaculture Research, 2018, 49, 243-252.	0.9	18
29	Description of the Annual Reproductive Cycle of Wreckfish Polyprion americanus in Captivity. Fishes, 2018, 3, 43.	0.7	11
30	Spawning Induction of First-Generation (F1) Greater Amberjack Seriola dumerili in the Canary Islands, Spain Using GnRHa Delivery Systems. Fishes, 2018, 3, 35.	0.7	18
31	Paired spawning with male rotation of meagre Argyrosomus regius using GnRHa injections, as a method for producing multiple families for breeding selection programs. Aquaculture, 2018, 495, 506-512.	1.7	10
32	Endocrine disruptors in the diet of male Sparus aurata: Modulation of the endocannabinoid system at the hepatic and central level by Di-isononyl phthalate and Bisphenol A. Environment International, 2018, 119, 54-65.	4.8	38
33	The Gene Toolkit Implicated in Functional Sex in Sparidae Hermaphrodites: Inferences From Comparative Transcriptomics. Frontiers in Genetics, 2018, 9, 749.	1.1	20
34	Hormonal manipulations for the enhancement of sperm production in cultured fish and evaluation of sperm quality. Aquaculture, 2017, 472, 21-44.	1.7	110
35	Genetic diversity of Atlantic Bluefin tuna in the Mediterranean Sea: insights from genome-wide SNPs and microsatellites. Journal of Biological Research, 2017, 24, 3.	2.2	9
36	Skeletal ontogeny of the vertebral column and of the fins in shi drum <scp><i>Umbrina cirrosa</i></scp> (Teleostei: Perciformes: Sciaenidae), a new candidate species for aquaculture. Journal of Fish Biology, 2017, 91, 764-788.	0.7	2

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37	Full genome survey and dynamics of gene expression in the greater amberjack Seriola dumerili. GigaScience, 2017, 6, 1-13.	3.3	16
38	Comparative Study of Reproductive Development in Wild and Captive-Reared Greater Amberjack Seriola dumerili (Risso, 1810). PLoS ONE, 2017, 12, e0169645.	1.1	58
39	Exploring a Nonmodel Teleost Genome Through RAD Sequencing—Linkage Mapping in Common Pandora, <i>Pagellus erythrinus</i> and Comparative Genomic Analysis. G3: Genes, Genomes, Genetics, 2016, 6, 509-519.	0.8	46
40	Enhancement of oogenesis/spermatogenesis in meagre Argyrosomus regius using a combination of temperature control and GnRHa treatments. Aquaculture, 2016, 464, 323-330.	1.7	22
41	Reproduction of hatchery-produced meagre Argyrosomus regius in captivity III. Comparison between GnRHa implants and injections on spawning kinetics and egg/larval performance parameters. Aquaculture, 2015, 448, 44-53.	1.7	18
42	Second generation genetic linkage map for the gilthead sea bream Sparus aurata L Marine Genomics, 2014, 18, 77-82.	0.4	27
43	Male germ cell proliferation and apoptosis during the reproductive cycle of captive-reared Atlantic bluefin tuna <i>Thunnus thynnus</i> (Linnaeus). Aquaculture Research, 2014, 45, 1733-1736.	0.9	6
44	The sex-specific transcriptome of the hermaphrodite sparid sharpsnout seabream (Diplodus puntazzo). BMC Genomics, 2014, 15, 655.	1.2	65
45	Reproduction of hatchery-produced meagre Argyrosomus regius in captivity II. Hormonal induction of spawning and monitoring of spawning kinetics, egg production and egg quality. Aquaculture, 2013, 414-415, 318-327.	1.7	30
46	Reproduction of hatchery-produced meagre Argyrosomus regius in captivity I. Description of the annual reproductive cycle. Aquaculture, 2013, 414-415, 309-317.	1.7	34
47	Intra-pituitary relationship of follicle stimulating hormone and luteinizing hormone during pubertal development in Atlantic bluefin tuna (Thunnus thynnus). General and Comparative Endocrinology, 2013, 194, 10-23.	0.8	15
48	Comparative analysis of male germ cell proliferation and apoptosis in wild and captive Atlantic bluefin tuna (<i>Thunnus thynnus</i> L.). Journal of Applied Ichthyology, 2013, 29, 71-81.	0.3	25
49	Influence of rearing temperature during early life on sex differentiation, haemal lordosis and subsequent growth during the whole production cycle in European sea bass Dicentrarchus labrax. Aquaculture, 2013, 412-413, 179-185.	1.7	16
50	Ontogeny of the digestive system of meagre Argyrosomus regius reared in a mesocosm, and quantitative changes of lipids in the liver from hatching to juvenile. Aquaculture, 2013, 388-391, 76-88.	1.7	39
51	Reproductive development, GnRHa-induced spawning and egg quality of wild meagre (Argyrosomus) Tj ETQq1	0.784314	FrgβT /Overlo
52	Expression of vitellogenin receptor gene in the ovary of wild and captive Atlantic bluefin tuna (Thunnus thynnus). Animal Reproduction Science, 2012, 132, 101-110.	0.5	21
53	Sperm characteristics and androgens in Acipenser ruthenus after induction of spermiation by carp pituitary extract or GnRHa implants. Fish Physiology and Biochemistry, 2012, 38, 1655-1666.	0.9	25
54	GnRHa-mediated stimulation of the reproductive endocrine axis in captive Atlantic bluefin tuna, Thunnus thynnus. General and Comparative Endocrinology, 2012, 175, 55-64.	0.8	36

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55	Determination of Fsh Quantity and Bioactivity During Sex Differentiation and Oogenesis in European Sea Bass1. Biology of Reproduction, 2011, 85, 848-857.	1.2	29
56	Comparative effects of human chorionic gonadotropin (hCG) and gonadotropin-releasing hormone agonist (GnRHa) treatments on the stimulation of male Senegalese sole (Solea senegalensis) reproduction. Aquaculture, 2011, 316, 121-128.	1.7	25
57	GnRHa-induced spawning in cage-reared Atlantic bluefin tuna: An evaluation using stereological quantification of ovarian post-ovulatory follicles. Aquaculture, 2011, 317, 255-259.	1.7	16
58	Comparison of the effects of different methods of mammalian and salmon GnRHa administration on spawning performance in wild-caught female carp (Cyprinus carpio carpio) from the Caspian Sea. Aquaculture, 2011, 320, 123-128.	1.7	11
59	Comparative study of liver vitellogenin gene expression and oocyte yolk accumulation in wild and captive Atlantic bluefin tuna (Thunnus thynnus L.). Animal Reproduction Science, 2011, 123, 98-105.	0.5	30
60	Evidence that severe acute stress and starvation induce rapid atresia of ovarian vitellogenic follicles in Atlantic bluefin tuna, Thunnus thynnus (L.) (Osteichthyes: Scombridae). Journal of Fish Diseases, 2011, 34, 853-860.	0.9	23
61	Cloning and sequence analysis of a vasa homolog in the European sea bass (Dicentrarchus labrax): Tissue distribution and mRNA expression levels during early development and sex differentiation. General and Comparative Endocrinology, 2011, 170, 322-333.	0.8	37
62	Species specificity in the magnitude and duration of the acute stress response in Mediterranean marine fish in culture. General and Comparative Endocrinology, 2011, 173, 313-322.	0.8	97
63	Effects of in vivo treatment with the dopamine antagonist pimozide and gonadotropin-releasing hormone agonist (GnRHa) on the reproductive axis of Senegalese sole (Solea senegalensis). Comparative Biochemistry and Physiology Part A, Molecular & amp; Integrative Physiology, 2011, 158, 235-245.	0.8	32
64	Broodstock management and hormonal manipulations of fish reproduction. General and Comparative Endocrinology, 2010, 165, 516-534.	0.8	444
65	Spawning induction and large-scale collection of fertilized eggs in captive Atlantic bluefin tuna (Thunnus thynnus L.) and the first larval rearing efforts. Journal of Applied Ichthyology, 2010, 26, 596-599.	0.3	33
66	Sperm features of captive Atlantic bluefin tuna (Thunnus thynnus). Journal of Applied Ichthyology, 2010, 26, 775-778.	0.3	11
67	Atlantic Bluefin Tuna (<i>Thunnus Thynnus</i>) Farming and Fattening in the Mediterranean Sea. Reviews in Fisheries Science, 2010, 18, 266-280.	2.1	74
68	Effect of dietary lipid levels on growth, feed utilization, body composition and serum metabolites of meagre (Argyrosomus regius) juveniles. Aquaculture, 2010, 307, 65-70.	1.7	219
69	Proliferation and apoptosis of male germ cells in captive Atlantic bluefin tuna (Thunnus thynnus L.) treated with gonadotropin-releasing hormone agonist (GnRHa). Animal Reproduction Science, 2009, 116, 346-357.	0.5	40
70	Histological evaluation of the elimination of Artemia nauplii from larval rearing protocols on the digestive system ontogeny of shi drum (Umbrina cirrosa L). Aquaculture, 2009, 286, 45-52.	1.7	24
71	Growth performance and osmoregulation in the shi drum (Umbrina cirrosa) adapted to different environmental salinities. Aquaculture, 2009, 287, 203-210.	1.7	42
72	Spawning performance and plasma levels of GnRHa and sex steroids in cultured female Senegalese sole (Solea senegalensis) treated with different GnRHa-delivery systems. Aquaculture, 2009, 291, 200-209.	1.7	37

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73	Alternative transcripts of DMRT1 in the European sea bass: Expression during gonadal differentiation. Aquaculture, 2009, 293, 89-99.	1.7	15
74	Spatial–temporal pattern of bluefin tuna (Thunnus thynnus L. 1758) gonad maturation across the Mediterranean Sea. Marine Biology, 2008, 154, 623-630.	0.7	60
75	Effects of extenders and cryoprotectant combinations on motility and morphometry of sea bass (Dicentrarchus labrax) spermatozoa. Journal of Applied Ichthyology, 2008, 24, 450-455.	0.3	17
76	Morphometric characterization of sharpsnout sea bream (<i>Diplodus puntazzo</i>) and gilthead sea bream (<i>Sparus aurata</i>) spermatozoa using computer-assisted spermatozoa analysis (ASMA). Journal of Applied Ichthyology, 2008, 24, 382-385.	0.3	9
77	Vitellogenin, steroid plasma levels and spawning performance of cultured female Senegalese sole (Solea senegalensis). General and Comparative Endocrinology, 2008, 156, 285-297.	0.8	64
78	Sex-related changes in estrogen receptors and aromatase gene expression and enzymatic activity during early development and sex differentiation in the European sea bass (Dicentrarchus labrax). General and Comparative Endocrinology, 2008, 158, 95-101.	0.8	86
79	Egg and sperm production and quality of sharpsnout sea bream (Diplodus puntazzo) in captivity. Aquaculture, 2008, 276, 187-197.	1.7	37
80	Water cortisol is a reliable indicator of stress in European sea bass, Dicentrarchus labrax. Behaviour, 2008, 145, 1267-1281.	0.4	54
81	Histological study of the effects of treatment with gonadotropin-releasing hormone agonist (GnRHa) on the reproductive maturation of captive-reared Atlantic bluefin tuna (Thunnus thynnus L.). Aquaculture, 2007, 272, 675-686.	1.7	54
82	Developmental expression of DAX1 in the European sea bass, Dicentrarchus labrax: lack of evidence for sexual dimorphism during sex differentiation. Reproductive Biology and Endocrinology, 2007, 5, 19.	1.4	24
83	Preparation and Administration of Gonadotropin-Releasing Hormone Agonist (GnRHa) Implants for the Artificial Control of Reproductive Maturation in Captive-Reared Atlantic Bluefin Tuna (<i>Thunnus) Tj ETQq1 1 0.7</i>	8 ±3 14 rgl	BЂ ∤ Overlock
84	Promoting oocyte maturation, ovulation and spawning in farmed fish. , 2007, , 437-474.		32
85	Comparison of iodine and glutaraldehyde as surface disinfectants for red porgy (Pagrus pagrus) and white sea bream (Diplodus sargus sargus) eggs. Aquaculture Research, 2007, 38, 527-536.	0.9	18
86	Treatment of GnRHa-implanted Senegalese sole (Solea senegalensis) with 11-ketoandrostenedione stimulates spermatogenesis and increases sperm motility. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 147, 885-892.	0.8	40
87	Temporal profile of brain and pituitary GnRHs, GnRH-R and gonadotropin mRNA expression and content during early development in European sea bass (Dicentrarchus labrax L.). General and Comparative Endocrinology, 2007, 150, 75-86.	0.8	67
88	A cDNA for European sea bass (Dicentrachus labrax) 11β-hydroxylase: Gene expression during the thermosensitive period and gonadogenesis. General and Comparative Endocrinology, 2007, 150, 164-173.	0.8	49
89	Permanent sex inversion in 1-year-old juveniles of the protogynous dusky grouper (Epinephelus) Tj ETQq1 1 0.784	-314 rgBT 1.7	/Qyerlock 1(
90	Induction of spawning of captive-reared Senegal sole (Solea senegalensis) using different administration methods for gonadotropin-releasing hormone agonist. Aquaculture, 2006, 257, 511-524.	1.7	86

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91	Ontogeny of the digestive tract in shi drum (Umbrina cirrosa L.) reared using the mesocosm larval rearing system. Aquaculture, 2006, 260, 357-368.	1.7	42
92	A Genetic Linkage Map of the Hermaphrodite Teleost Fish Sparus aurata L Genetics, 2006, 174, 851-861.	1.2	107
93	Ontogeny of the shi drum Umbrina cirrosa (Linnaeus 1758), a candidate new species for aquaculture. Aquaculture Research, 2005, 36, 1265-1272.	0.9	15
94	Influence of rearing temperature during the larval and nursery periods on growth and sex differentiation in two Mediterranean strains of Dicentrarchus labrax. Journal of Fish Biology, 2005, 67, 652-668.	0.7	45
95	First results of greater amberjack (Seriola dumerili) larval rearing in mesocosm. Aquaculture, 2005, 250, 155-161.	1.7	66
96	Comparative efficacy of clove oil and 2-phenoxyethanol as anesthetics in the aquaculture of European sea bass (Dicentrarchus labrax) and gilthead sea bream (Sparus aurata) at different temperatures. Aquaculture, 2005, 246, 467-481.	1.7	234
97	Analysis of the Sox gene family in the European sea bass (Dicentrarchus labrax). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2004, 137, 279-284.	0.7	24
98	Cloning, characterisation, and expression of three oestrogen receptors (ERα, ERβ1 and ERβ2) in the European sea bass, Dicentrarchus labrax. Molecular and Cellular Endocrinology, 2004, 223, 63-75.	1.6	95
99	Induction of spawning of cultured greater amberjack (Seriola dumerili) using GnRHa implants. Aquaculture, 2004, 237, 141-154.	1.7	84
100	Evaluation of egg production and quality in the Mediterranean red porgy (Pagrus pagrus) during two consecutive spawning seasons. Aquaculture, 2004, 232, 637-649.	1.7	45
101	Influence of rearing temperature at two periods during early life on growth and sex differentiation of two strains of European sea bass. Fish Physiology and Biochemistry, 2003, 28, 167-168.	0.9	11
102	Gene expression of estrogen receptors \hat{I}_{\pm} and \hat{I}^2 during early sexual differentiation in the European sea bass (Dicentrarchus labrax). Fish Physiology and Biochemistry, 2003, 28, 175.	0.9	1
103	Seasonal changes in sperm production and quality in the red porgy Pagrus pagrus (L.). Aquaculture Research, 2003, 34, 1161-1170.	0.9	44
104	Enhancement of spermiation in European sea bass (Dicentrarchus labrax) at the end of the reproductive season using GnRHa implants. Aquaculture, 2003, 219, 873-890.	1.7	54
105	Induction of ovulation in captive-reared dusky grouper, Epinephelus marginatus (Lowe, 1834), with a sustained-release GnRHa implant. Aquaculture, 2003, 219, 841-858.	1.7	67
106	Multiple spawning and egg quality of individual European sea bass (Dicentrarchus labrax) females after repeated injections of GnRHa. Aquaculture, 2003, 221, 605-620.	1.7	44
107	Endocrine manipulations of spawning in cultured fish: from hormones to genes. Aquaculture, 2001, 197, 99-136.	1.7	413
108	Endocrine regulation and artificial induction of oocyte maturation and spermiation in basses of the genus Morone. Aquaculture, 2001, 202, 205-220.	1.7	65

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109	Spawning induction of individual European sea bass females (Dicentrarchus labrax) using different GnRHa-delivery systems. Aquaculture, 2001, 202, 221-234.	1.7	66
110	Endocrine manipulations of spawning in cultured fish: from hormones to genes. , 2001, , 99-136.		265
111	Plasma Steroids in Mature Common Dentex (Dentex dentex) Stimulated with a Gonadotropin-Releasing Hormone Agonist. General and Comparative Endocrinology, 2001, 123, 1-12.	0.8	32
112	Incubation of embryos and larvae of marine fish using microtiter plates. Aquaculture International, 2001, 9, 189-196.	1.1	39
113	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
114	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
115	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
116	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