Sylvain Milla

List of Publications by Year
in descending order

56	1,627	331670 21	302126 39
papers	citations	h-index	g-index

57	57	57	1813
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maturation Inducing Hormones in teleosts: Are progestogens always the first to be nominated?. Aquaculture, 2022, 546, 737315.	3.5	9
2	The effects of recombinant GnRH with dopamine antagonist on reproduction performance, sex steroid levels, and stress response in female koi carp (Cyprinus carpio). Aquaculture Reports, 2022, 22, 101001.	1.7	2
3	Positive welfare effects of physical enrichments from the nature-, functions- and feeling- based approaches in farmed rainbow trout (Oncorhynchus mykiss). Aquaculture, 2022, 550, 737825.	3.5	19
4	Spawning Performance and Sex Steroid Levels in Female Pikeperch Sander lucioperca Treated with Poly(lactic-co-glycolic acid) Microparticles. Animals, 2022, 12, 208.	2.3	3
5	The effect of two different experimental rearing temperatures on the quality and the large-scale cryopreservation of Eurasian perch (Perca fluviatilis) sperm. Theriogenology, 2022, 185, 127-133.	2.1	1
6	How domestication alters fish phenotypes. Reviews in Aquaculture, 2021, 13, 388-405.	9.0	36
7	Spawning induction in Sterlet sturgeon (Acipenser ruthenus) with recombinant GnRH: Analysis of hormone profiles and spawning indices. Aquaculture, 2021, 533, 736108.	3.5	7
8	In vitro follicle culture shows that progestagens are the maturation-inducing hormones (MIH) and possible regulators of the ovulation-mediating hormone PGE2 in female Eurasian perch Perca fluviatilis. Fish Physiology and Biochemistry, 2021, 47, 881-894.	2.3	7
9	Is the use of recombinant cGnRH may be a future alternative to control the fish spawning? Let us go with the goldfish example. Fish Physiology and Biochemistry, 2021, 47, 951-960.	2.3	3
10	Duration of chilling phase, but not thermal condition, influence the gonad maturation of male and female domesticated pikeperch (Sander lucioperca). Aquaculture, Fish and Fisheries, 2021, 1, 51-59.	1.0	1
11	Constant long photoperiod inhibits the onset of the reproductive cycle in roach females and males. Fish Physiology and Biochemistry, 2020, 46, 89-102.	2.3	6
12	Design, production and purification of a novel recombinant gonadotropin-releasing hormone associated peptide as a spawning inducing agent for fish. Protein Expression and Purification, 2020, 166, 105510.	1.3	9
13	First identification of dopamine receptors in pikeperch, Sander lucioperca, during the pre-ovulatory period. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2020, 36, 100747.	1.0	0
14	Seasonal simulated photoperiods influence melatonin release and immune markers of pike perch Sander lucioperca. Scientific Reports, 2020, 10, 2650.	3.3	15
15	A novel approach for induced out-of-season spawning of Eurasian perch, Perca fluviatilis. Aquaculture, 2019, 512, 734300.	3.5	13
16	Time of response to hormonal treatment but not the type of a spawning agent affects the reproductive effectiveness in domesticated pikeperch, Sander lucioperca. Aquaculture, 2019, 503, 527-536.	3.5	30
17	Physiological and proteomic responses to corticosteroid treatments in Eurasian perch, Perca fluviatilis : Investigation of immune-related parameters. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 25, 86-98.	1.0	3
18	Does constant photoperiod inhibit the onset of the reproductive cycle in northern pike (Esox lucius) males?. Fish Physiology and Biochemistry, 2018, 44, 301-310.	2.3	2

#	Article	IF	Citations
19	Influence of waterborne gallic and pelargonic acid exposures on biochemical and reproductive parameters in the zebrafish (Danio rerio). Environmental Toxicology, 2017, 32, 227-240.	4.0	6
20	Sublethal effect assessment of a low-power and dual-frequency anti-cyanobacterial ultrasound device on the common carp (Cyprinus carpio): a field study. Environmental Science and Pollution Research, 2017, 24, 5669-5678.	5.3	4
21	How does a domestication process modulate oogenesis and reproduction performance in Eurasian perch?. Aquaculture, 2017, 473, 206-214.	3.5	23
22	Corticosteroids deeply depress the in vitro steroidogenic capacity of Eurasian perch ovary at the end of the reproductive cycle. General and Comparative Endocrinology, 2017, 245, 44-54.	1.8	10
23	The effect of GnRHa with or without dopamine inhibitor on reproductive hormone levels and sperm quality in tench Tinca tinca. Aquaculture, 2017, 470, 91-94.	3.5	7
24	Effects of hCG and salmon gonadoliberine analogue on spermiation in the Eurasian perch (Perca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	28
25	The effects of GnRHa with and without dopamine antagonist on reproductive hormone levels and ovum viability in tench Tinca tinca. Aquaculture, 2016, 465, 158-163.	3.5	16
26	Genetic characterization and relatedness of wild and farmed Eurasian perch (Perca fluviatilis): Possible implications for aquaculture practices. Aquaculture Reports, 2016, 3, 136-146.	1.7	18
27	The trenbolone acetate affects the immune system in rainbow trout, Oncorhynchus mykiss. Aquatic Toxicology, 2015, 163, 109-120.	4.0	16
28	Acute toxicity and sublethal effects of gallic and pelargonic acids on the zebrafish Danio rerio. Environmental Science and Pollution Research, 2015, 22, 5020-5029.	5.3	36
29	Continuous lighting inhibits the onset of reproductive cycle in pikeperch males and females. Fish Physiology and Biochemistry, 2015, 41, 345-356.	2.3	17
30	Di-(2-ethylhexyl)-phthalate disrupts pituitary and testicular hormonal functions to reduce sperm quality in mature goldfish. Aquatic Toxicology, 2015, 163, 16-26.	4.0	58
31	Patterns of genetic structure of Eurasian perch (Perca fluviatilis L.) in Lake Geneva at the end of the spawning season. Journal of Great Lakes Research, 2015, 41, 846-852.	1.9	8
32	Effects of low dose endosulfan exposure on brain neurotransmitter levels in the African clawed frog Xenopus laevis. Chemosphere, 2015, 120, 357-364.	8.2	19
33	In vivo response of some immune and endocrine variables to LPS in Eurasian perch (Perca fluviatilis, L.) and modulation of this response by two corticosteroids, cortisol and 11-deoxycorticosterone. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 167, 25-34.	1.8	18
34	Influence of short-term exposure to low levels of 17Î±-ethynylestradiol on expression of genes involved in immunity and on immune parameters in rainbow trout, Oncorhynchus mykiss. Aquatic Toxicology, 2014, 157, 57-69.	4.0	20
35	Alternations in neuroendocrine and endocrine regulation of reproduction in male goldfish (Carassius auratus) following an acute and chronic exposure to vinclozolin, in vivo. Aquatic Toxicology, 2014, 155, 73-83.	4.0	23
36	Expression of gene, protein and immunohistochemical localization of the estrogen receptor isoform ERÎ±1 in male rainbow trout lymphoid organs; indication of the role of estrogens in the regulation of immune mechanisms. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 174, 53-61.	1.6	18

#	Article	IF	Citations
37	First evidence of the possible implication of the 11-deoxycorticosterone (DOC) in immune activity of Eurasian perch (Perca fluviatilis, L.): Comparison with cortisol. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 149-158.	1.8	26
38	InÂvivo effects of Escherichia coli lipopolysaccharide on regulation of immune response and protein expression in striped catfish (Pangasianodon hypophthalmus). Fish and Shellfish Immunology, 2013, 34, 339-347.	3.6	54
39	Physiological and proteomic responses to single and repeated hypoxia in juvenile Eurasian perch under domestication â€“ Clues to physiological acclimation and humoral immune modulations. Fish and Shellfish Immunology, 2012, 33, 1112-1122.	3.6	65
40	Effects of partial or total fish meal replacement by agricultural by-product diets on gonad maturation, sex steroids and vitellogenin dynamics of African catfish (Clarias gariepinus). Fish Physiology and Biochemistry, 2012, 38, 1287-1298.	2.3	5
41	Partial and total fish meal replacement by agricultural products in the diets improve sperm quality in African catfish (Clarias gariepinus). Theriogenology, 2012, 77, 184-194.	2.1	18
42	Anti-androgen vinclozolin impairs sperm quality and steroidogenesis in goldfish. Aquatic Toxicology, 2012, 122-123, 181-187.	4.0	27
43	Cortisol is responsible for positive and negative effects in the ovarian maturation induced by the exposure to acute stressors in Nile tilapia, Oreochromis niloticus. Fish Physiology and Biochemistry, 2012, 38, 1619-1626.	2.3	14
44	Evidence that elevated water temperature affects the reproductive physiology of the European bullhead Cottus gobio. Fish Physiology and Biochemistry, 2012, 38, 389-399.	2.3	49
45	Physiological and proteomic evidences that domestication process differentially modulates the immune status of juvenile Eurasian perch (Perca fluviatilis) under chronic confinement stress. Fish and Shellfish Immunology, 2011, 31, 1113-1121.	3.6	41
46	Effects of mechanical perturbation at various times during incubation on egg survival, hatching and malformation rates in the rainbow trout Oncorhynchus mykiss, and the influence of post-ovulatory oocyte ageing. Aquaculture Research, 2011, 42, 1061-1065.	1.8	4
47	Effects of probiotic bacteria on growth parameters and immune defence in Eurasian perch Perca fluviatilis L. larvae under intensive culture conditions. Aquaculture Research, 2011, 42, 693-703.	1.8	22
48	The effects of estrogenic and androgenic endocrine disruptors on the immune system of fish: a review. Ecotoxicology, 2011, 20, 305-319.	2.4	185
49	Arachidonic Acid Induces Production of 17,20Î²â€Dihydroxyâ€4â€pregnenâ€3â€one (DHP) via a Putative PGE2 Receptor in Fish Follicles from the Eurasian Perch. Lipids, 2011, 46, 179-187.	1.7	23
50	Implication of the mineralocorticoid axis in rainbow trout osmoregulation during salinity acclimation. Journal of Endocrinology, 2011, 209, 221-235.	2.6	41
51	Photothermal control of the reproductive cycle in temperate fishes. Reviews in Aquaculture, 2010, 2, 209-222.	9.0	95
52	Spleen immune status is affected after acute handling stress but not regulated by cortisol in Eurasian perch, Perca fluviatilis. Fish and Shellfish Immunology, 2010, 28, 931-941.	3.6	108
53	Ovarian steroidogenesis inhibition by constant photothermal conditions is caused by a lack of gonadotropin stimulation in Eurasian perch. General and Comparative Endocrinology, 2009, 163, 242-250.	1.8	17
54	Plasma 11-deoxycorticosterone (DOC) and mineralocorticoid receptor testicular expression during rainbow trout Oncorhynchus mykiss spermiation: implication with 17alpha, 20beta-dihydroxyprogesterone on the milt fluidity?. Reproductive Biology and Endocrinology, 2008, 6, 19.	3.3	45

#	Article	IF	Citations
55	Hydration of rainbow trout oocyte during meiotic maturation and in vitro regulation by 17,20Î²-dihydroxy-4-pregnen-3-one and cortisol. Journal of Experimental Biology, 2006, 209, 1147-1156.	1.7	72
56	Multiple corticosteroid receptors in fish: From old ideas to new concepts. General and Comparative Endocrinology, 2006, 147, 17-23.	1.8	199