Hyun Suk Shin

List of Publications by Year
in descending order

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38	687	516710 16	580821 25
papers	citations	h-index	g-index

38	38	38	706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selection for growth is associated in gilthead sea bream (Sparus aurata) with diet flexibility, changes in growth patterns and higher intestine plasticity. Aquaculture, 2019, 507, 349-360.	3.5	27
2	Time-related effects of various LED light spectra on reproductive hormones in the brain of the goldfishCarassius auratus. Biological Rhythm Research, 2015, 46, 671-682.	0.9	19
3	The Effects of Different Wavelengths of Light-Emitting Diodes on the Expression of Reproduction-Related Genes in Goldfish Carassius auratus. Fisheries and Aquatic Sciences, 2015, 18, 211-220.	0.8	1
4	The Expression of Leptin, Estrogen Receptors, and Vitellogenin mRNAs in Migrating Female Chum Salmon, <italic>Oncorhynchus keta</italic>: The Effects of Hypo-osmotic Environmental Changes. Asian-Australasian Journal of Animal Sciences, 2014, 27, 479-487.	2.4	18
5	Effects of various photoperiods on Kisspeptin and reproductive hormones in the goldfish,Carassius auratus. Animal Cells and Systems, 2014, 18, 109-118.	2.2	8
6	Effect of LED light spectra on circadian rhythms in goldfishCarassius auratus: expression profiles following thermal stress. Biological Rhythm Research, 2014, 45, 895-908.	0.9	8
7	Effects of exogenous cortisol and seawater adaptation on thyroid hormone receptors in the smolt stage of the sockeye salmon, Oncorhynchus nerka. Ichthyological Research, 2014, 61, 9-16.	0.8	5
8	The stimulatory effect of LED light spectra on genes related to photoreceptors and skin pigmentation in goldfish (Carassius auratus). Fish Physiology and Biochemistry, 2014, 40, 1229-38.	2.3	6
9	Retinal light input regulates clock genes and immune function in yellowtail clownfish (Amphiprion) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	7
10	The environmental regulation of maturation in goldfish, Carassius auratus: Effects of various LED light spectra. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 168, 17-24.	1.8	14
11	Kisspeptin regulates the hypothalamusâ€“pituitaryâ€“gonad axis gene expression during sexual maturation in the cinnamon clownfish, Amphiprion melanopus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 168, 19-32.	1.6	48
12	Effects of recombinant growth hormone on growth factor and immune component levels in the cinnamon clownfish,Amphiprion melanopus. Marine Biology Research, 2014, 10, 472-481.	0.7	3
13	Profiles of photosynthetic pigment accumulation and expression of photosynthesis-related genes in the marine cyanobacteria Synechococcus sp.: Effects of LED wavelengths. Biotechnology and Bioprocess Engineering, 2014, 19, 250-256.	2.6	18
14	The effect of LED light spectra on antioxidant system by thermal stress in goldfish, Carassius auratus. Molecular and Cellular Toxicology, 2014, 10, 47-58.	1.7	29
15	Expression of aquaporin-3 and â˜8 mRNAs in the parr and smolt stages of sockeye salmon, Oncorhynchus nerka: Effects of cortisol treatment and seawater acclimation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 228-236.	1.8	24
16	The effect of various wavelengths of light from light-emitting diodes on the antioxidant system of marine cyanobacteria, Synechococcus sp.. Molecular and Cellular Toxicology, 2013, 9, 295-302.	1.7	8
17	Effects of waterborne selenium exposure on the antioxidant and immunological activity in the goldfish, Carassius auratus. Molecular and Cellular Toxicology, 2013, 9, 365-373.	1.7	23
18	Light-emitting diode spectral sensitivity relationship with reproductive parameters and ovarian maturation in yellowtail damselfish, Chrysiptera parasema. Journal of Photochemistry and Photobiology B: Biology, 2013, 127, 108-113.	3.8	16

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19	Effect of hypo-osmotic environmental changes on the expression of gonadotropin-releasing hormone, its receptor, and gonadotropin hormone subunit mRNA in adult chum salmon (Oncorhynchus keta). Marine and Freshwater Behaviour and Physiology, 2013, 45, 397-410.	0.9	4
20	Effects of LED spectral sensitivity on circadian rhythm-related genes in the yellowtail clownfish,Amphiprion clarkii. Animal Cells and Systems, 2013, 17, 99-105.	2.2	12
21	Hypoosmotic shock adaptation by prolactin involves upregulation of arginine vasotocin and osmotic stress transcription factor 1 mRNA in the cinnamon clownfishAmphiprion melanopus. Animal Cells and Systems, 2012, 16, 391-399.	2.2	3
22	Effect of LED light spectra on starvation-induced oxidative stress in the cinnamon clownfish Amphiprion melanopus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, 357-363.	1.8	69
23	Expression profiles of three types of GnRH during sex-change in the protandrous cinnamon clownfish, Amphiprion melanopus: Effects of exogenous GnRHs. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2012, 161, 124-133.	1.6	23
24	Differential expression of rhodopsin and Exo-rhodopsin genes in the retina and pineal gland of olive flounder (Paralichthys olivaceus). Journal of Applied Animal Research, 2012, 40, 229-246.	1.2	3
25	Diurnal gene expression ofPeriod2,Cryptochrome1, and arylalkylamineN-acetyltransferase-2 in olive flounder,Paralichthys olivaceus. Animal Cells and Systems, 2012, 16, 27-33.	2.2	7
26	Effects of LED light spectra on the growth of the yellowtail clownfish Amphiprion clarkii. Fisheries Science, 2012, 78, 549-556.	1.6	39
27	Effects of LED light spectra on oxidative stress and the protective role of melatonin in relation to the daily rhythm of the yellowtail clownfish, Amphiprion clarkii. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 160, 221-228.	1.8	71
28	Monitoring of Na+/K+-ATPase mRNA expression in the cinnamon clownfish, Amphiprion melanopus, exposed to an osmotic stress environment: profiles on the effects of exogenous hormone. Ichthyological Research, 2011, 58, 195-201.	0.8	4
29	Diurnal and circadian regulations by three melatonin receptors in the brain and retina of olive flounderParalichthys olivaceus: profiles following exogenous melatonin. Marine and Freshwater Behaviour and Physiology, 2011, 44, 223-238.	0.9	25
30	Effect of hypoosmotic and thermal stress on gene expression and the activity of antioxidant enzymes in the cinnamon clownfish,Amphiprion melanopus. Animal Cells and Systems, 2011, 15, 219-225.	2.2	15
31	Influence of quercetin on the physiological response to cadmium stress in olive flounder, Paralichthys olivaceus: effects on hematological and biochemical parameters. Molecular and Cellular Toxicology, 2010, 6, 151-159.	1.7	9
32	Profiles of antioxidant gene expression and physiological changes by thermal and hypoosmotic stresses in black porgy (Acanthopagrus schlegeli). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 156, 262-268.	1.8	42
33	Quantitative mRNA expression of sox3 and DMRT1 during sex reversal, and expression profiles after GnRHa administration in black porgy, Acanthopagrus schlegeli. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 154, 150-156.	1.6	32
34	Physiological responses and expression of metallothionein (MT) and superoxide dismutase (SOD) mRNAs in olive flounder, Paralichthys olivaceus exposed to benzo[a]pyrene. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 149, 534-539.	1.6	28
35	Characterization of estrogen receptor Î²2 and expression of the estrogen receptor subtypes Î±, Î²1, and Î²2 in the protandrous black porgy (Acanthopagrus schlegeli) during the sex change process. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 150, 284-291.	1.6	15
36	Changes of cytochrome P4501A mRNA expression and physiology responses in the olive flounder,Paralichthys olivaceus,exposed to benzo[a]pyrene. Marine Biology Research, 2008, 4, 470-476.	0.7	0

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37	Physiological responses and expression of arginine vasotocin receptor, prolactin and prolactin receptor mRNA in olive flounderParalichthys olivaceusduring osmotic stress. Marine and Freshwater Behaviour and Physiology, 2008, 41, 191-203.	0.9	4
38	Effects of retinal light input on circadian rhythm genes in the yellowtail clownfish (Amphiprion) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	0