

Jose Fernando Lopez-Olmeda

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,496
citations

186254

28
h-index

206102

48
g-index

61
all docs

61
docs citations

61
times ranked

2074
citing authors

#	ARTICLE	IF	CITATIONS
1	Gastrointestinal emptying and daily patterns of activity of proteinolytic enzymes in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2022, 546, 737338.	3.5	7
2	Combined blue light and daily thermocycles enhance zebrafish growth and development. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2022, , .	1.9	4
3	Size-selective mortality induces evolutionary changes in group risk-taking behaviour and the circadian system in a fish. <i>Journal of Animal Ecology</i> , 2021, 90, 387-403.	2.8	10
4	Daily rhythms in the morphometric parameters of hepatocytes and intestine of the European sea bass (<i>Dicentrarchus labrax</i>): influence of feeding time and hepatic zonation. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 503-515.	1.5	3
5	Rearing temperature conditions (constant vs. thermocycle) affect daily rhythms of thermal tolerance and sensing in zebrafish. <i>Journal of Thermal Biology</i> , 2021, 97, 102880.	2.5	9
6	Long photoperiod impairs learning in male but not female medaka. <i>IScience</i> , 2021, 24, 102784.	4.1	8
7	Effects of the dietary linoleic acid to linolenic acid ratio for Nile tilapia (<i>Oreochromis niloticus</i>) breeding females. <i>Aquaculture</i> , 2020, 516, 734625.	3.5	5
8	Effects of temperature regime on growth and daily rhythms of digestive factors in Nile tilapia (<i>Oreochromis niloticus</i>) larvae. <i>Aquaculture</i> , 2020, 528, 735545.	3.5	12
9	Coping with exposure to hypoxia: modifications in stress parameters in gilthead seabream (<i>Sparus</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Physiology and Biochemistry</i> , 2019, 45, 1801-1812.	2.3	19
10	Daily rhythms in the reproductive axis of Nile tilapia (<i>Oreochromis niloticus</i>): Plasma steroids and gene expression in brain, pituitary, gonad and egg. <i>Aquaculture</i> , 2019, 507, 313-321.	3.5	11
11	Environmental Cycles, Melatonin, and Circadian Control of Stress Response in Fish. <i>Frontiers in Endocrinology</i> , 2019, 10, 279.	3.5	73
12	Daily rhythms of expression in reproductive genes along the brain-pituitary-gonad axis and liver of zebrafish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 231, 158-169.	1.8	10
13	Gene expression, enzyme activity and performance of Nile tilapia larvae fed with diets of different CP levels. <i>Animal</i> , 2019, 13, 1376-1384.	3.3	8
14	Fish welfare and biological rhythms: time to regulate. <i>Derecho Animal</i> , 2019, 10, 93.	0.1	1
15	Circadian expression of DNA methylation and demethylation genes in zebrafish gonads. <i>Chronobiology International</i> , 2018, 35, 920-932.	2.0	3
16	Daily rhythms of swimming activity, synchronization to different feeding times and effects on anesthesia practice in an Amazon fish species (<i>Colossoma macropomum</i>). <i>Chronobiology International</i> , 2018, 35, 1713-1722.	2.0	10
17	Daily rhythms after vaccination on specific and non-specific responses in Nile tilapia (<i>Oreochromis</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Chronobiology International</i> , 2018, 35, 1713-1722.	2.0	3
18	Environmental Cycles and Biological Rhythms During Early Development. , 2018, , 37-50.		3

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19	Effects of pinealectomy on the neuroendocrine reproductive system and locomotor activity in male European sea bass, <i>Dicentrarchus labrax</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 207, 1-12.	1.8	10
20	Rhythms in the endocrine system of fish: a review. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 1057-1089.	1.5	82
21	Synchronization to light and mealtime of daily rhythms of locomotor activity, plasma glucose and digestive enzymes in the Nile tilapia (<i>Oreochromis niloticus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 204, 40-47.	1.8	36
22	Nonphotic entrainment in fish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 203, 133-143.	1.8	35
23	Daily Rhythms of the Expression of Key Genes Involved in Steroidogenesis and Gonadal Function in Zebrafish. <i>PLoS ONE</i> , 2016, 11, e0157716.	2.5	17
24	Circadian rhythms of clock gene expression in Nile tilapia (<i>Oreochromis niloticus</i>) central and peripheral tissues: influence of different lighting and feeding conditions. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 775-785.	1.5	47
25	Synchronization to light and mealtime of the circadian rhythms of self-feeding behavior and locomotor activity of white shrimps (<i>Litopenaeus vannamei</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 199, 54-61.	1.8	25
26	Daily rhythms in the somatotrophic axis of Senegalese sole (<i>Solea senegalensis</i>): The time of day influences the response to GH administration. <i>Chronobiology International</i> , 2016, 33, 257-267.	2.0	11
27	Daily rhythms of the expression of genes from the somatotrophic axis: The influence on tilapia (<i>Oreochromis niloticus</i>) of feeding and growth hormone administration at different times. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 181-182, 27-34.	2.6	25
28	Testicular Steroidogenesis and Locomotor Activity Are Regulated by Gonadotropin-Inhibitory Hormone in Male European Sea Bass. <i>PLoS ONE</i> , 2016, 11, e0165494.	2.5	35
29	Daily rhythms of lipid metabolic gene expression in zebra fish liver: Response to light/dark and feeding cycles. <i>Chronobiology International</i> , 2015, 32, 1438-1448.	2.0	42
30	The Light Wavelength Affects the Ontogeny of Clock Gene Expression and Activity Rhythms in Zebrafish Larvae. <i>PLoS ONE</i> , 2015, 10, e0132235.	2.5	34
31	Differential maturation of rhythmic clock gene expression during early development in medaka (<i>Oryzias latipes</i>). <i>Chronobiology International</i> , 2014, 31, 468-478.	2.0	27
32	Daily Rhythms in the Hypothalamus-Pituitary-Interrenal Axis and Acute Stress Responses in a Teleost Flatfish, <i>Solea senegalensis</i> . <i>Chronobiology International</i> , 2013, 30, 530-539.	2.0	48
33	ERK Signaling Regulates Light-Induced Gene Expression via D-Box Enhancers in a Differential, Wavelength-Dependent Manner. <i>PLoS ONE</i> , 2013, 8, e67858.	2.5	22
34	Daily rhythms of digestive physiology, metabolism and behaviour in the European eel (<i>Anguilla</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14</i>	2.2	21
35	Impact of a telemetry-transmitter implant on daily behavioral rhythms and physiological stress indicators in gilthead seabream (<i>Sparus aurata</i>). <i>Marine Environmental Research</i> , 2012, 79, 48-54.	2.5	10
36	Circadian Timing of Injury-Induced Cell Proliferation in Zebrafish. <i>PLoS ONE</i> , 2012, 7, e34203.	2.5	25

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37	Does feeding time affect fish welfare?. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 143-152.	2.3	66
38	Cortisol and finfish welfare. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 163-188.	2.3	257
39	Thermal biology of zebrafish (<i>Danio rerio</i>). <i>Journal of Thermal Biology</i> , 2011, 36, 91-104.	2.5	149
40	A Blind Circadian Clock in Cavefish Reveals that Opsins Mediate Peripheral Clock Photoreception. <i>PLoS Biology</i> , 2011, 9, e1001142.	5.6	194
41	The Highly Conserved Gonadotropin-Releasing Hormone-2 Form Acts as a Melatonin-Releasing Factor in the Pineal of a Teleost Fish, the European Sea Bass <i>Dicentrarchus labrax</i> . <i>Endocrinology</i> , 2010, 151, 2265-2275.	2.8	72
42	Synchronization of daily rhythms of locomotor activity and plasma glucose, cortisol and thyroid hormones to feeding in Gilthead seabream (<i>Sparus aurata</i>) under a light-dark cycle. <i>Physiology and Behavior</i> , 2010, 101, 101-107.	2.1	68
43	Feeding time synchronises daily rhythms of behaviour and digestive physiology in gilthead seabream (<i>Sparus aurata</i>). <i>Aquaculture</i> , 2010, 306, 315-321.	3.5	94
44	FEEDING ENTRAINMENT OF FOOD-ANTICIPATORY ACTIVITY AND PERIPHERAL EXPRESSION IN THE BRAIN AND LIVER OF ZEBRAFISH UNDER DIFFERENT LIGHTING AND FEEDING CONDITIONS. <i>Chronobiology International</i> , 2010, 27, 1380-1400.	2.0	68
45	Zebrafish Temperature Selection and Synchronization of Locomotor Activity Circadian Rhythm to Ahemeral Cycles of Light and Temperature. <i>Chronobiology International</i> , 2009, 26, 200-218.	2.0	39
46	Monthly day/night changes and seasonal daily rhythms of sexual steroids in Senegal sole (<i>Solea</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 168-175.	1.8	35
47	Effects of water salinity on melatonin levels in plasma and peripheral tissues and on melatonin binding sites in European sea bass (<i>Dicentrarchus labrax</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 152, 486-490.	1.8	22
48	Daily and circadian melatonin release in vitro by the pineal organ of two nocturnal teleost species: Senegal sole (<i>Solea senegalensis</i>) and tench (<i>Tinca tinca</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, 297-302.	1.8	14
49	Glucose tolerance in fish: Is the daily feeding time important?. <i>Physiology and Behavior</i> , 2009, 96, 631-636.	2.1	37
50	Effects of feeding schedule on locomotor activity rhythms and stress response in sea bream. <i>Physiology and Behavior</i> , 2009, 98, 125-129.	2.1	97
51	SYNCHRONIZATION TO LIGHT AND RESTRICTED-FEEDING SCHEDULES OF BEHAVIORAL AND HUMORAL DAILY RHYTHMS IN GILTHEAD SEA BREAM (<i>SPARUS AURATA</i>). <i>Chronobiology International</i> , 2009, 26, 1389-1408.	2.0	85
52	Melatonin Binding Sites in Senegal Sole: Day/Night Changes in Density and Location in Different Regions of the Brain. <i>Chronobiology International</i> , 2008, 25, 645-652.	2.0	12
53	Influence of Constant Light and Darkness, Light Intensity, and Light Spectrum on Plasma Melatonin Rhythms in Senegal Sole. <i>Chronobiology International</i> , 2007, 24, 615-627.	2.0	65
54	Seasonal and daily plasma melatonin rhythms and reproduction in Senegal sole kept under natural photoperiod and natural or controlled water temperature. <i>Journal of Pineal Research</i> , 2007, 43, 50-55.	7.4	62

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55	Light and Temperature Cycles as Zeitgebers of Zebrafish (<i>Danio rerio</i>) Circadian Activity Rhythms. <i>Chronobiology International</i> , 2006, 23, 537-550.	2.0	68
56	Effects of melatonin administration on oxidative stress and daily locomotor activity patterns in goldfish. <i>Journal of Physiology and Biochemistry</i> , 2006, 62, 17-25.	3.0	14
57	Melatonin effects on food intake and activity rhythms in two fish species with different activity patterns: Diurnal (goldfish) and nocturnal (tench). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2006, 144, 180-187.	1.8	64
58	Influence of Light Intensity on Plasma Melatonin and Locomotor Activity Rhythms in Tench. <i>Chronobiology International</i> , 2005, 22, 67-78.	2.0	49
59	Circadian melatonin release in vitro by European sea bass pineal. <i>Fish Physiology and Biochemistry</i> , 2004, 30, 87-89.	2.3	16
60	Daily locomotor activity and melatonin rhythms in Senegal sole (<i>Solea senegalensis</i>). <i>Physiology and Behavior</i> , 2004, 81, 577-583.	2.1	94