

# Cheol Young Choi

## List of Publications by Year in descending order

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51  
papers

494  
citations

687363

13  
h-index

794594

19  
g-index

52  
all docs

52  
docs citations

52  
times ranked

513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of gonadotropin inhibitory hormone or gonadotropin-releasing hormone on reproduction-related genes in the protandrous cinnamon clownfish, <i>Amphiprion melanopus</i> . <i>General and Comparative Endocrinology</i> , 2016, 235, 89-99.	1.8	42
2	Effects of different light wavelengths from LEDs on oxidative stress and apoptosis in olive flounder ( <i>Paralichthys olivaceus</i> ) at high water temperatures. <i>Fish and Shellfish Immunology</i> , 2016, 55, 460-468.	3.6	30
3	Growth and Body Composition Effects of Tuna Byproduct Meal Substituted for Fish Meal in the Diet of Juvenile Abalone, <i>Haliotis discus</i> . <i>Journal of the World Aquaculture Society</i> , 2016, 47, 74-81.	2.4	26
4	Effects of various LED light spectra on antioxidant and immune response in juvenile rock bream, <i>Oplegnathus fasciatus</i> exposed to bisphenol A. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 140-149.	4.0	24
5	Effects of melatonin injection or green-wavelength LED light on the antioxidant system in goldfish ( <i>Carassius auratus</i> ) during thermal stress. <i>Fish and Shellfish Immunology</i> , 2016, 52, 157-166.	3.6	24
6	Effects of waterborne selenium on toxic and physiological stress response in goldfish, <i>Carassius auratus</i> . <i>Molecular and Cellular Toxicology</i> , 2015, 11, 35-46.	1.7	21
7	Effect of cortisol on gonadotropin inhibitory hormone (GnIH) in the cinnamon clownfish, <i>Amphiprion melanopus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 342-348.	2.1	21
8	Time-related effects of various LED light spectra on reproductive hormones in the brain of the goldfish <i>Carassius auratus</i> . <i>Biological Rhythm Research</i> , 2015, 46, 671-682.	0.9	19
9	Molecular genomic- and transcriptional-aspects of a teleost TRAF6 homolog: Possible involvement in immune responses of <i>Oplegnathus fasciatus</i> against pathogens. <i>Fish and Shellfish Immunology</i> , 2015, 42, 66-78.	3.6	19
10	Effects of melatonin and green-wavelength LED light on the physiological stress and immunity of goldfish, <i>Carassius auratus</i> , exposed to high water temperature. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1335-1346.	2.3	17
11	Insights into molecular profiles and genomic evolution of an IRAK4 homolog from rock bream ( <i>Oplegnathus fasciatus</i> ): Immunogen- and pathogen-induced transcriptional expression. <i>Fish and Shellfish Immunology</i> , 2015, 43, 436-448.	3.6	15
12	Effect of salinity changes on olfactory memory-related genes and hormones in adult chum salmon <i>Oncorhynchus keta</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 187, 40-47.	1.8	15
13	Profiles of gonadotropin-inhibitory hormone and melatonin during the sex change and maturation of cinnamon clownfish, <i>Amphiprion melanopus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 475, 189-193.	2.1	15
14	Differential daily rhythms of melatonin in the pineal gland and gut of goldfish <i>Carassius auratus</i> in response to light. <i>Biological Rhythm Research</i> , 2016, 47, 145-161.	0.9	15
15	Effects of bisphenol A and light conditions on the circadian rhythm of the goldfish <i>Carassius auratus</i> . <i>Biological Rhythm Research</i> , 2018, 49, 502-514.	0.9	10
16	Physiological effects of various light spectra on oxidative stress by starvation in olive flounder, <i>Paralichthys olivaceus</i> . <i>Molecular and Cellular Toxicology</i> , 2018, 14, 399-408.	1.7	10
17	The effect of green and red light spectra and their intensity on the oxidative stress and non-specific immune responses in gold-striped amberjack, <i>Seriola lalandi</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2016, 49, 223-234.	0.9	9
18	Variations in the antioxidant system and circadian rhythms of goldfish, <i>Carassius auratus</i> , exposed to ammonia: profile of the effects of green LED spectra. <i>Biological Rhythm Research</i> , 2016, 47, 583-596.	0.9	9

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19	Effect of green light spectra on the reduction of retinal damage and stress in goldfish, <i>Carassius auratus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 96-101.	2.1	9
20	Effects of waterborne copper on oxidative stress and immune responses in red seabream, <i>Pagrus major</i> . <i>Molecular and Cellular Toxicology</i> , 2018, 14, 291-301.	1.7	9
21	Kisspeptin regulates the somatic growth-related factors of the cinnamon clownfish <i>Amphiprion melanopus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 179, 17-24.	1.8	8
22	Effects of various photoperiods and specific wavelengths on circadian rhythm in ornamental cleaner shrimp <i>Lysmata amboinensis</i> . <i>Biological Rhythm Research</i> , 2019, 50, 897-907.	0.9	8
23	Effects of light-emitting diode spectra on the vertebrate ancient long opsin and gonadotropin hormone in the goldfish <i>Carassius auratus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 541-545.	2.1	7
24	Effects of various wavelengths of light on physiological stress and non-specific immune responses in black rockfish <i>Sebastes schlegelii</i> subjected to water temperature change. <i>Fisheries Science</i> , 2017, 83, 997-1006.	1.6	7
25	Effects of waterborne copper on toxicity stress and apoptosis responses in red seabream, <i>Pagrus major</i> . <i>Molecular and Cellular Toxicology</i> , 2018, 14, 201-210.	1.7	7
26	Effects of specific light wavelengths on osmotic stress in the ornamental cleaner shrimp <i>Lysmata amboinensis</i> (De Man, 1888) (Decapoda: Caridea: Lysmatidae). <i>Journal of Crustacean Biology</i> , 2018, 38, 475-482.	0.8	7
27	Effects of green wavelength light on antioxidant and non-specific immune responses of the olive flounder <i>Paralichthys olivaceus</i> maintained at different stocking densities. <i>Aquacultural Engineering</i> , 2019, 84, 23-28.	3.1	7
28	Effects of blue light spectra on retinal stress and damage in goldfish ( <i>Carassius auratus</i> ). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 391-400.	2.3	7
29	Waterborne copper disrupts circadian rhythm in red seabream ( <i>Pagrus major</i> ). <i>Biological Rhythm Research</i> , 2017, 48, 837-843.	0.9	6
30	Evaluation of visible fluorescent elastomer tags implanted in marine medaka, <i>Oryzias dancena</i> . <i>Fisheries and Aquatic Sciences</i> , 2017, 20, .	0.8	5
31	Effects of UV Radiation on Oxidative Stress in Yellowtail Clownfish <i>Amphiprion clarkii</i> . <i>Ocean Science Journal</i> , 2019, 54, 205-212.	1.3	5
32	Effects of various LED light spectra on circadian rhythm during starvation in the olive flounder ( <i>Paralichthys olivaceus</i> ). <i>Biological Rhythm Research</i> , 2019, 50, 355-365.	0.9	5
33	Anesthetic and Physiological Effects of Clove oil and Lidocaine-HCl on the Grass Puffer, <i>Takifugu niphobles</i> . <i>Ocean and Polar Research</i> , 2017, 39, 1-11.	0.3	5
34	Molecular cloning, expression and functional characterization of a teleostan cytokine-induced apoptosis inhibitor from rock bream ( <i>Oplegnathus fasciatus</i> ). <i>Developmental and Comparative Immunology</i> , 2015, 52, 48-57.	2.3	4
35	Cloning metallothionein gene in Zacco platypus and its potential as an exposure biomarker against cadmium. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 447.	2.7	4
36	Effect of long-afterglow phosphorescent pigment on reproductive parameters and ovarian maturation in the yellowtail damselfish, <i>Chrysiptera parasema</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 182, 113-120.	1.8	4

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37	Effects of recombinant vertebrate ancient long opsin on reproduction in goldfish, <i>Carassius auratus</i> : profiling green-wavelength light. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 1027-1036.	2.3	4
38	Effects of specific wavelength spectra on antioxidant stress and cell damage of the ornamental cleaner shrimp <i>Lysmata amboinensis</i> (De Man, 1888) (Decapoda, Caridea, Lysmatidae) exposed to changing saline environments. <i>Crustaceana</i> , 2018, 91, 1231-1245.	0.3	4
39	Temporal Changes in Physiological Responses of Bay Scallop: Performance of Antioxidant Mechanism in <i>Argopecten irradians</i> in Response to Sudden Changes in Habitat Salinity. <i>Antioxidants</i> , 2021, 10, 1673.	5.1	4
40	Effect of LED light spectra on exogenous prolactin-regulated circadian rhythm in goldfish, <i>Carassius auratus</i> . <i>Biological Rhythm Research</i> , 2015, 46, 121-135.	0.9	3
41	Profiles of hypothalamus-pituitary-interrenal axis gene expression in the parr and smolt stages of rainbow trout, <i>Oncorhynchus mykiss</i> : Effects of recombinant aquaporin 3 and seawater acclimation. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 182, 14-21.	1.8	3
42	Changes in circadian parameters of humbug damselfish, <i>Dascyllus aruanus</i> according to lunar phase shifts in Micronesia. <i>Biological Rhythm Research</i> , 2017, 48, 475-483.	0.9	3
43	Effects of Recombinant Aquaporin 3 and Seawater Acclimation on the Expression of Aquaporin 3 and 8 mRNAs in the Parr and Smolt Stages of Rainbow Trout, <i>Oncorhynchus mykiss</i> . <i>Ocean and Polar Research</i> , 2016, 38, 103-113.	0.3	3
44	Water Hardness Can Reduce the Accumulation and Oxidative Stress of Zinc in Goldfish, <i>Carassius auratus</i> . <i>Antioxidants</i> , 2022, 11, 715.	5.1	3
45	Changes of physiological rhythms of N-methyl-D-aspartate receptors in the chum salmon <i>Oncorhynchus keta</i> : effect of seawater acclimation during the parr-smolt transformation. <i>Biological Rhythm Research</i> , 2016, 47, 77-91.	0.9	2
46	Effect of different wavelengths of light on the antioxidant and immunity status of juvenile rock bream, <i>Oplegnathus fasciatus</i> , exposed to thermal stress. <i>Ocean Science Journal</i> , 2017, 52, 501-509.	1.3	2
47	Effects of 17 $\beta$ -estradiol injection and red-spectrum light on eyestalk hormones and vitellogenesis of the ornamental cleaner shrimp <i>Lysmata amboinensis</i> (De Man, 1888) (Decapoda: Caridea: Lysmatidae). <i>Journal of Crustacean Biology</i> , 0, , .	0.8	2
48	Effects of LEDs of different spectra on immunity-related responses in olive flounder <i>Paralichthys olivaceus</i> during short starvation. <i>Fisheries Science</i> , 2019, 85, 317-325.	1.6	2
49	Effects of Various Light Spectra on Physiological Stress and DNA Damage by Thermal Stress in Juvenile Rock Bream ( <i>Oplegnathus fasciatus</i> ). <i>Ocean and Polar Research</i> , 2017, 39, 107-114.	0.3	2
50	The reproductive cycle of the humbug damselfish <i>Dascyllus aruanus</i> according to the changes in lunar phase in Micronesia. <i>Ocean Science Journal</i> , 2017, 52, 439-446.	1.3	1
51	The Effects of Different Wavelengths of Light-Emitting Diodes on the Expression of Reproduction-Related Genes in Goldfish <i>Carassius auratus</i> . <i>Fisheries and Aquatic Sciences</i> , 2015, 18, 211-220.	0.8	1