

Menghong Hu

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97
papers

1,801
citations

25
h-index

36
g-index

100
ext. papers

2,448
ext. citations

5.1
avg, IF

5.07
L-index

#	Paper	IF	Citations
97	Effect of pH and temperature on antioxidant responses of the thick shell mussel <i>Mytilus coruscus</i> . <i>Fish and Shellfish Immunology</i> , 2015 , 46, 573-83	4.3	95
96	Physiological energetics of the thick shell mussel <i>Mytilus coruscus</i> exposed to seawater acidification and thermal stress. <i>Science of the Total Environment</i> , 2015 , 514, 261-72	10.2	84
95	The combined effects of oxygen availability and salinity on physiological responses and scope for growth in the green-lipped mussel <i>Perna viridis</i> . <i>Marine Pollution Bulletin</i> , 2011 , 63, 255-61	6.7	57
94	Microplastic accumulation via trophic transfer: Can a predatory crab counter the adverse effects of microplastics by body defence?. <i>Science of the Total Environment</i> , 2021 , 754, 142099	10.2	54
93	Replacement of fish meal by rendered animal protein ingredients with lysine and methionine supplementation to practical diets for gibel carp, <i>Carassius auratus gibelio</i> . <i>Aquaculture</i> , 2008 , 275, 260-265	4.4	50
92	Immune toxicity of TiO ₂ under hypoxia in the green-lipped mussel <i>Perna viridis</i> based on flow cytometric analysis of hemocyte parameters. <i>Science of the Total Environment</i> , 2014 , 470-471, 791-9	10.2	47
91	Microplastics impair digestive performance but show little effects on antioxidant activity in mussels under low pH conditions. <i>Environmental Pollution</i> , 2020 , 258, 113691	9.3	47
90	Nanoplastics impair the intestinal health of the juvenile large yellow croaker <i>Larimichthys crocea</i> . <i>Journal of Hazardous Materials</i> , 2020 , 397, 122773	12.8	46
89	Antioxidant response of the hard shelled mussel <i>Mytilus coruscus</i> exposed to reduced pH and oxygen concentration. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 137, 94-102	7	45
88	Immune parameter changes of hemocytes in green-lipped mussel <i>Perna viridis</i> exposure to hypoxia and hyposalinity. <i>Aquaculture</i> , 2012 , 356-357, 22-29	4.4	45
87	Characterization of subpopulations and immune-related parameters of hemocytes in the green-lipped mussel <i>Perna viridis</i> . <i>Fish and Shellfish Immunology</i> , 2012 , 32, 381-90	4.3	45
86	Hemocyte responses of the thick shell mussel <i>Mytilus coruscus</i> exposed to nano-TiO and seawater acidification. <i>Aquatic Toxicology</i> , 2016 , 180, 1-10	5.1	44
85	Effects of short-term hypoxia and seawater acidification on hemocyte responses of the mussel <i>Mytilus coruscus</i> . <i>Marine Pollution Bulletin</i> , 2016 , 108, 46-52	6.7	43
84	Combined effects of short-term exposure to elevated CO ₂ and decreased O ₂ on the physiology and energy budget of the thick shell mussel <i>Mytilus coruscus</i> . <i>Chemosphere</i> , 2016 , 155, 207-216	8.4	42
83	Combined effects of seawater acidification and high temperature on hemocyte parameters in the thick shell mussel <i>Mytilus coruscus</i> . <i>Fish and Shellfish Immunology</i> , 2016 , 56, 554-562	4.3	40
82	Antioxidant responses of triangle sail mussel <i>Hyriopsis cumingii</i> exposed to harmful algae <i>Microcystis aeruginosa</i> and hypoxia. <i>Chemosphere</i> , 2015 , 139, 541-9	8.4	39
81	Rethinking Nano-TiO Safety: Overview of Toxic Effects in Humans and Aquatic Animals. <i>Small</i> , 2020 , 16, e2002019	11	39

80	Oxidative stress induced by titanium dioxide nanoparticles increases under seawater acidification in the thick shell mussel <i>Mytilus coruscus</i> . <i>Marine Environmental Research</i> , 2018 , 137, 49-59	3.3	38
79	Summer distribution and abundance of juvenile Chinese horseshoe crabs <i>Tachypleus tridentatus</i> along an intertidal zone in southern China. <i>Aquatic Biology</i> , 2009 , 7, 107-112	2	35
78	Immune responses to combined effect of hypoxia and high temperature in the green-lipped mussel <i>Perna viridis</i> . <i>Marine Pollution Bulletin</i> , 2011 , 63, 201-8	6.7	33
77	Anti-predatory responses of the thick shell mussel <i>Mytilus coruscus</i> exposed to seawater acidification and hypoxia. <i>Marine Environmental Research</i> , 2015 , 109, 159-67	3.3	31
76	Effects of the timing of initial feeding on growth and survival of spotted mandarin fish <i>Siniperca scherzeri</i> larvae. <i>Journal of Fish Biology</i> , 2009 , 75, 1158-72	1.9	29
75	Impact of zinc oxide nanoparticles and ocean acidification on antioxidant responses of <i>Mytilus coruscus</i> . <i>Chemosphere</i> , 2018 , 196, 182-195	8.4	27
74	Microplastics aggravate the adverse effects of BDE-47 on physiological and defense performance in mussels. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122909	12.8	26
73	Combined effects of ZnO NPs and seawater acidification on the haemocyte parameters of thick shell mussel <i>Mytilus coruscus</i> . <i>Science of the Total Environment</i> , 2018 , 624, 820-830	10.2	25
72	Chronic hypoxia and low salinity impair anti-predatory responses of the green-lipped mussel <i>Perna viridis</i> . <i>Marine Environmental Research</i> , 2012 , 77, 84-9	3.3	24
71	Transgenerational effects of short-term exposure to acidification and hypoxia on early developmental traits of the mussel <i>Mytilus edulis</i> . <i>Marine Environmental Research</i> , 2019 , 145, 73-80	3.3	23
70	CO ₂ -induced pH reduction increases physiological toxicity of nano-TiO ₂ in the mussel <i>Mytilus coruscus</i> . <i>Scientific Reports</i> , 2017 , 7, 40015	4.9	22
69	Effects of seawater pH and temperature on foraging behavior of the Japanese stone crab <i>Charybdis japonica</i> . <i>Marine Pollution Bulletin</i> , 2017 , 120, 99-108	6.7	22
68	Defense Responses to Short-term Hypoxia and Seawater Acidification in the Thick Shell Mussel. <i>Frontiers in Physiology</i> , 2017 , 8, 145	4.6	22
67	Effects on growth and survival of loach (<i>Misgurnus anguillicaudatus</i>) larvae when co-fed on live and microparticle diets. <i>Aquaculture Research</i> , 2009 , 40, 385-394	1.9	21
66	Effect of prolonged starvation on body weight and blood-chemistry in two horseshoe crab species: <i>Tachypleus tridentatus</i> and <i>Carcinoscorpius rotundicauda</i> (Chelicerata: Xiphosura). <i>Journal of Experimental Marine Biology and Ecology</i> , 2010 , 395, 112-119	2.1	21
65	Effect of starvation on the energy budget of two Asian horseshoe crab species: <i>Tachypleus tridentatus</i> and <i>Carcinoscorpius rotundicauda</i> (Chelicerata: Xiphosura). <i>Marine Biology</i> , 2011 , 158, 1591-1600	2.5	20
64	Transpositional feeding rhythm of loach <i>Misgurnus anguillicaudatus</i> from larvae to juveniles and its ontogenesis under artificial rearing conditions. <i>Aquaculture International</i> , 2008 , 16, 539-549	2.6	20
63	Nano-TiO ₂ impairs digestive enzyme activities of marine mussels under ocean acidification. <i>Chemosphere</i> , 2019 , 237, 124561	8.4	19

62	Hypoxia aggravates the effects of ocean acidification on the physiological energetics of the blue mussel <i>Mytilus edulis</i> . <i>Marine Pollution Bulletin</i> , 2019 , 149, 110538	6.7	19
61	Effects of the timing of initial feeding on growth and survival of loach (<i>Misgurnus anguillicaudatus</i>) larvae. <i>Aquaculture International</i> , 2010 , 18, 135-148	2.6	19
60	Histopathological alterations in triangle sail mussel (<i>Hyriopsis cumingii</i>) exposed to toxic cyanobacteria (<i>Microcystis aeruginosa</i>) under hypoxia. <i>Aquaculture</i> , 2017 , 467, 182-189	4.4	18
59	Seawater acidification and temperature modulate anti-predator defenses in two co-existing <i>Mytilus</i> species. <i>Marine Pollution Bulletin</i> , 2019 , 145, 118-125	6.7	18
58	Short-Term Exposure of to Decreased pH and Salinity Change Impacts Immune Parameters of Their Haemocytes. <i>Frontiers in Physiology</i> , 2018 , 9, 166	4.6	17
57	Modeling trophic structure and energy flows in a typical macrophyte dominated shallow lake using the mass balanced model. <i>Ecological Modelling</i> , 2012 , 233, 26-30	3	17
56	Population Structure and Growth of Juvenile Horseshoe Crabs <i>Tachypleus tridentatus</i> and <i>Carcinoscorpius rotundicauda</i> (Xiphosura) in Southern China 2015 , 167-180		17
55	Physiological effects of plastic particles on mussels are mediated by food presence. <i>Journal of Hazardous Materials</i> , 2021 , 404, 124136	12.8	17
54	Synergistic Effects of Nano-ZnO and Low pH of Sea Water on the Physiological Energetics of the Thick Shell Mussel. <i>Frontiers in Physiology</i> , 2018 , 9, 757	4.6	16
53	Effects of daphnia (<i>Moina micrura</i>) plus chlorella (<i>Chlorella pyrenoidosa</i>) or microparticle diets on growth and survival of larval loach (<i>Misgurnus anguillicaudatus</i>). <i>Aquaculture International</i> , 2008 , 16, 361-368	2.6	16
52	Ocean acidification, hypoxia and warming impair digestive parameters of marine mussels. <i>Chemosphere</i> , 2020 , 256, 127096	8.4	15
51	Salinity mediates the toxic effect of nano-TiO on the juvenile olive flounder <i>Paralichthys olivaceus</i> . <i>Science of the Total Environment</i> , 2018 , 640-641, 726-735	10.2	15
50	Induction of anti-predator responses in the green-lipped mussel <i>Perna viridis</i> under hypoxia. <i>Marine Biology</i> , 2010 , 157, 747-754	2.5	14
49	Effects of copper supplement on the immune function and blood-chemistry in adult Chinese horseshoe crab <i>Tachypleus tridentatus</i> . <i>Aquaculture</i> , 2020 , 515, 734576	4.4	14
48	Antioxidant responses of the mussel <i>Mytilus coruscus</i> co-exposed to ocean acidification, hypoxia and warming. <i>Marine Pollution Bulletin</i> , 2021 , 162, 111869	6.7	14
47	Combined effects of toxic <i>Microcystis aeruginosa</i> and hypoxia on the digestive enzyme activities of the triangle sail mussel <i>Hyriopsis cumingii</i> . <i>Aquatic Toxicology</i> , 2019 , 212, 241-246	5.1	13
46	Differential in vivo hemocyte responses to nano titanium dioxide in mussels: Effects of particle size. <i>Aquatic Toxicology</i> , 2019 , 212, 28-36	5.1	13
45	Elevated pCO Affects Feeding Behavior and Acute Physiological Response of the Brown Crab. <i>Frontiers in Physiology</i> , 2018 , 9, 1164	4.6	13

44	Comparison of different frozen natural foods on survival and growth of juvenile Chinese horseshoe crab <i>Tachypleus tridentatus</i> (Leach, 1819): implications on laboratory culture. <i>Aquaculture Research</i> , 2013 , 44, 567-573	1.9	12
43	Nano-ZnO impairs anti-predation capacity of marine mussels under seawater acidification. <i>Journal of Hazardous Materials</i> , 2019 , 371, 521-528	12.8	11
42	Combined effects of toxic cyanobacteria <i>Microcystis aeruginosa</i> and hypoxia on the physiological responses of triangle sail mussel <i>Hyriopsis cumingii</i> . <i>Journal of Hazardous Materials</i> , 2016 , 306, 24-33	12.8	11
41	Antipredatory responses of <i>Perna viridis</i> (Linnaeus, 1758) under acute hypoxia and low salinity. <i>Journal of Molluscan Studies</i> , 2013 , 79, 42-50	1.1	11
40	Effects of copper on hemocyte parameters in the estuarine oyster <i>Crassostrea rivularis</i> under low pH conditions. <i>Aquatic Toxicology</i> , 2018 , 203, 61-68	5.1	10
39	Digestible dietary protein and energy requirements of juvenile Asian horseshoe crabs, <i>Tachypleus tridentatus</i> and <i>Carcinoscorpius rotundicauda</i> . <i>Aquaculture Research</i> , 2014 , 45, 1621-1633	1.9	10
38	Combined Effects of Dissolved Oxygen and Salinity on Growth and Body Composition of Juvenile Green-Lipped Mussel <i>Perna viridis</i> . <i>Journal of Shellfish Research</i> , 2011 , 30, 851-857	1	10
37	Specific dynamic action of mussels exposed to TiO nanoparticles and seawater acidification. <i>Chemosphere</i> , 2020 , 241, 125104	8.4	10
36	Oxidative stress induced by nanoplastics in the liver of juvenile large yellow croaker <i>Larimichthys crocea</i> . <i>Marine Pollution Bulletin</i> , 2021 , 170, 112661	6.7	9
35	Classification and characterization of hemocytes from two Asian horseshoe crab species <i>Tachypleus tridentatus</i> and <i>Carcinoscorpius rotundicauda</i> . <i>Scientific Reports</i> , 2019 , 9, 7095	4.9	8
34	Liver Transcriptome and miRNA Analysis of Silver Carp () Intraperitoneally Injected With Microcystin-LR. <i>Frontiers in Physiology</i> , 2018 , 9, 381	4.6	8
33	Diel-cycling seawater acidification and hypoxia impair the physiological and growth performance of marine mussels. <i>Science of the Total Environment</i> , 2020 , 722, 138001	10.2	7
32	Threatened fishes of the world: <i>Hucho bleekeri</i> Kimura, 1934 (Salmonidae). <i>Environmental Biology of Fishes</i> , 2008 , 82, 385-386	1.6	7
31	Is microplastic an oxidative stressor? Evidence from a meta-analysis on bivalves. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127211	12.8	7
30	Effects of GnRHa (D-Ala6, Pro9-NEt) combined with domperidone on ovulation induction in wild loach <i>Misgurnus anguillicaudatus</i> . <i>Aquaculture</i> , 2009 , 291, 136-139	4.4	6
29	Evaluation of rendered animal protein ingredients for replacement of fish meal in practical diets for gibel carp, <i>Carassius auratus gibelio</i> (Bloch). <i>Aquaculture Research</i> , 2008 , 39, 1475-1482	1.9	6
28	Can mussels change phytoplankton community structure and enhance prawn production in semi-enclosed prawn ponds?. <i>Aquaculture Research</i> , 2015 , 46, 2559-2564	1.9	5
27	Impact of Initial Feeding and Molting on <i>Tachypleus tridentatus</i> Gut Microbiota. <i>Current Microbiology</i> , 2020 , 77, 2847-2858	2.4	5

26	Effects of toxic <i>Microcystis aeruginosa</i> on the silver carp <i>Hypophthalmichthys molitrix</i> revealed by hepatic RNA-seq and miRNA-seq. <i>Scientific Reports</i> , 2017 , 7, 10456	4.9	5
25	Toxic effects of nano-TiO in bivalves-A synthesis of meta-analysis and bibliometric analysis. <i>Journal of Environmental Sciences</i> , 2021 , 104, 188-203	6.4	5
24	Research Development on Horseshoe Crab: A 30-Year Bibliometric Analysis. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	4
23	Short-term exposure to norfloxacin induces oxidative stress, neurotoxicity and microbiota alteration in juvenile large yellow croaker <i>Pseudosciaena crocea</i> . <i>Environmental Pollution</i> , 2020 , 267, 115397	9.3	4
22	Fatty acids from controlled feeding as dietary markers of juvenile Chinese horseshoe crab, <i>Tachypleus tridentatus</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019 , 99, 421-428	11.1	4
21	Growth Performance and Feed Utilization of Low-Cost Artificial Feeds for Juvenile Asian Horseshoe Crab Culture. <i>Journal of Shellfish Research</i> , 2018 , 37, 581-589	1	4
20	Delayed interference effects of air exposure on adult Chinese horseshoe crab <i>Tachypleus tridentatus</i> . <i>Aquaculture Research</i> , 2019 , 50, 3633-3642	1.9	3
19	Threatened fishes of the world: <i>Bahaba taipingensis</i> Herre, 1932 (Sciaenidae). <i>Environmental Biology of Fishes</i> , 2009 , 85, 335-336	1.6	3
18	Combined effects of ocean acidification and hypoxia on the early development of the thick shell mussel <i>Mytilus coruscus</i> . <i>Helgoland Marine Research</i> , 2020 , 74,	1.8	2
17	Enhanced immunity and hemocytes proliferation by three immunostimulants in tri-spine horseshoe crab <i>Tachypleus tridentatus</i> . <i>Fish and Shellfish Immunology</i> , 2021 , 115, 112-123	4.3	2
16	Do physicochemical variables regulate the distribution of zooplankton communities in reservoirs dominated by filter-feeding carp?. <i>Chinese Journal of Oceanology and Limnology</i> , 2014 , 32, 266-277		1
15	Threatened fishes of the world: <i>Schizothorax taliensis</i> Regan, 1907 (Cyprinidae). <i>Environmental Biology of Fishes</i> , 2009 , 86, 29-30	1.6	1
14	Threatened fishes of the world: <i>Aphyocypris lini</i> Weitzman and Chan, 1966 (Cyprinidae). <i>Environmental Biology of Fishes</i> , 2009 , 86, 525-526	1.6	1
13	Effects of Ocean Acidification, Hypoxia, and Warming on the Gut Microbiota of the Thick Shell Mussel <i>Mytilus coruscus</i> Through 16S rRNA Gene Sequencing. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	1
12	The Effect of Microplastics on the Bioenergetics of the Mussel <i>Mytilus coruscus</i> Assessed by Cellular Energy Allocation Approach. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	1
11	Microplastics and food shortage impair the byssal attachment of thick-shelled mussel <i>Mytilus coruscus</i> . <i>Marine Environmental Research</i> , 2021 , 171, 105455	3.3	1
10	Effects of Ocean Acidification on Molting, Oxidative Stress, and Gut Microbiota in Juvenile Horseshoe Crab .. <i>Frontiers in Physiology</i> , 2021 , 12, 813582	4.6	0
9	Effects of Gonadal Preoperative Treatment on the Physiological Metabolism of the Pearl Oyster <i>Pinctada martensii</i> : Implications for Pearl Production. <i>Journal of Shellfish Research</i> , 2018 , 37, 1051	1	0

8	Gonadal antioxidant responses to seawater acidification and hypoxia in the marine mussel <i>Mytilus coruscus</i> . <i>Environmental Science and Pollution Research</i> , 2021 , 28, 53847-53856	5.1	o
7	Ocean acidification but not hypoxia alters the gonad performance in the thick shell mussel <i>Mytilus coruscus</i> . <i>Marine Pollution Bulletin</i> , 2021 , 167, 112282	6.7	o
6	Effects of Microplastics on Immune Responses of the Yellow Catfish Under Hypoxia. <i>Frontiers in Physiology</i> , 2021 , 12, 753999	4.6	o
5	Threatened fishes of the world: <i>Psilorhynchus homaloptera</i> Hora & Mukerji, 1935 (Psilorhynchidae). <i>Environmental Biology of Fishes</i> , 2009 , 86, 349-350	1.6	
4	Induced ovulation of yellow catfish (<i>Pelteobagrus fulvidraco</i>) using a combination of a gonadotrop-releasing hormone analogue and domperidone. <i>Aquaculture Research</i> , 2009 , 41, 1243	1.9	
3	<i>Spirulina platensis</i> powder is an applicable feed additive for Chinese horseshoe crab <i>Tachypleus tridentatus</i> . <i>Aquaculture Research</i> , 2021 , 52, 2121-2129	1.9	
2	Effect of Probiotics on Juvenile <i>Tachypleus tridentatus</i> Gut Microbiota. <i>Journal of Ocean University of China</i> , 2022 , 21, 564-572	1	
1	Trophic Relationship of Sympatric Juvenile Asian Horseshoe Crabs in Beibu Gulf, Southwestern China 2022 , 633-649		