Youji Wang

List of Publications by Year in Descending Order

115 papers	2,057 citations	26 h-index	39 g-index
123 ext. papers	2,875 ext. citations	5.3 avg, IF	5.33 L-index

#	Paper	IF	Citations
115	Microplastic pollution in the environment and organisms of Xiangshan Bay, East China Sea: An area of intensive mariculture.. *Water Research*, **2022**, 212, 118117	12.5	2
114	Moderate acidification mitigates the toxic effects of phenanthrene on the mitten crab Eriocheir sinensis.. *Chemosphere*, **2022**, 133783	8.4	1
113	Is microplastic an oxidative stressor? Evidence from a meta-analysis on bivalves. *Journal of Hazardous Materials*, **2022**, 423, 127211	12.8	7
112	Immunotoxic effects of metal-based nanoparticles in fish and bivalves.. *Nanotoxicology*, **2022**, 1-26	5.3	1
111	Polystyrene microplastics increase Pb bioaccumulation and health damage in the Chinese mitten crab Eriocheir sinensis.. *Science of the Total Environment*, **2022**, 829, 154586	10.2	1
110	Effect of Probiotics on Juvenile Tachypleus tridentatus Gut Microbiota. *Journal of Ocean University of China*, **2022**, 21, 564-572	1	
109	Trophic Relationship of Sympatric Juvenile Asian Horseshoe Crabs in Beibu Gulf, Southwestern China **2022**, 633-649		
108	Effects of Ocean Acidification on Molting, Oxidative Stress, and Gut Microbiota in Juvenile Horseshoe Crab .. *Frontiers in Physiology*, **2021**, 12, 813582	4.6	0
107	Effects of Ocean Acidification and Microplastics on Microflora Community Composition in the Digestive Tract of the Thick Shell Mussel Mytilus coruscus Through 16S RNA Gene Sequencing. *Bulletin of Environmental Contamination and Toxicology*, **2021**, 107, 616-625	2.7	4
106	Gonadal antioxidant responses to seawater acidification and hypoxia in the marine mussel Mytilus coruscus. *Environmental Science and Pollution Research*, **2021**, 28, 53847-53856	5.1	0
105	Ocean acidification but not hypoxia alters the gonad performance in the thick shell mussel Mytilus coruscus. *Marine Pollution Bulletin*, **2021**, 167, 112282	6.7	0
104	Toxic effects of nano-TiO in bivalves-A synthesis of meta-analysis and bibliometric analysis. *Journal of Environmental Sciences*, **2021**, 104, 188-203	6.4	5
103	Ingestion of nano/micro plastic particles by the mussel Mytilus coruscus is size dependent. *Chemosphere*, **2021**, 263, 127957	8.4	14
102	Microplastic accumulation via trophic transfer: Can a predatory crab counter the adverse effects of microplastics by body defence?. *Science of the Total Environment*, **2021**, 754, 142099	10.2	54
101	Physiological effects of plastic particles on mussels are mediated by food presence. *Journal of Hazardous Materials*, **2021**, 404, 124136	12.8	17
100	Antioxidant responses of the mussel Mytilus coruscus co-exposed to ocean acidification, hypoxia and warming. *Marine Pollution Bulletin*, **2021**, 162, 111869	6.7	14
99	Spirulina platensis powder is an applicable feed additive for Chinese horseshoe crab Tachypleus tridentatus. *Aquaculture Research*, **2021**, 52, 2121-2129	1.9	

98	Behavioral impacts of ocean acidification on marine animals **2021**, 109-153		0
97	Effects of Ocean Acidification, Hypoxia, and Warming on the Gut Microbiota of the Thick Shell Mussel Mytilus coruscus Through 16S rRNA Gene Sequencing. *Frontiers in Marine Science*, **2021**, 8,	4.5	1
96	Oxidative stress induced by nanoplastics in the liver of juvenile large yellow croaker Larimichthys crocea. *Marine Pollution Bulletin*, **2021**, 170, 112661	6.7	9
95	Toxicity mechanisms of polystyrene microplastics in marine mussels revealed by high-coverage quantitative metabolomics using chemical isotope labeling liquid chromatography mass spectrometry. *Journal of Hazardous Materials*, **2021**, 417, 126003	12.8	24
94	Effects of Microplastics on Immune Responses of the Yellow Catfish Under Hypoxia. *Frontiers in Physiology*, **2021**, 12, 753999	4.6	0
93	The Effect of Microplastics on the Bioenergetics of the Mussel Mytilus coruscus Assessed by Cellular Energy Allocation Approach. *Frontiers in Marine Science*, **2021**, 8,	4.5	1
92	Microplastics and food shortage impair the byssal attachment of thick-shelled mussel Mytilus coruscus. *Marine Environmental Research*, **2021**, 171, 105455	3.3	1
91	Nanoplastics impair the intestinal health of the juvenile large yellow croaker Larimichthys crocea. *Journal of Hazardous Materials*, **2020**, 397, 122773	12.8	46
90	Microplastics aggravate the adverse effects of BDE-47 on physiological and defense performance in mussels. *Journal of Hazardous Materials*, **2020**, 398, 122909	12.8	26
89	Ocean acidification, hypoxia and warming impair digestive parameters of marine mussels. *Chemosphere*, **2020**, 256, 127096	8.4	15
88	Impacts of ocean acidification under multiple stressors on typical organisms and ecological processes. *Marine Life Science and Technology*, **2020**, 2, 279-291	4.5	14
87	Combined effects of ocean acidification and hypoxia on the early development of the thick shell mussel Mytilus coruscus. *Helgoland Marine Research*, **2020**, 74,	1.8	2
86	Research Development on Horseshoe Crab: A 30-Year Bibliometric Analysis. *Frontiers in Marine Science*, **2020**, 7,	4.5	4
85	Impact of Initial Feeding and Molting on Tachypleus tridentatus Gut Microbiota. *Current Microbiology*, **2020**, 77, 2847-2858	2.4	5
84	Coastal zone use influences the spatial distribution of microplastics in Hangzhou Bay, China. *Environmental Pollution*, **2020**, 266, 115137	9.3	31
83	Diel-cycling seawater acidification and hypoxia impair the physiological and growth performance of marine mussels. *Science of the Total Environment*, **2020**, 722, 138001	10.2	7
82	Accumulation of microplastics in typical commercial aquatic species: A case study at a productive aquaculture site in China. *Science of the Total Environment*, **2020**, 708, 135432	10.2	89
81	Behavioral responses to ocean acidification in marine invertebrates: new insights and future directions. *Journal of Oceanology and Limnology*, **2020**, 38, 759-772	1.5	16

80	Microplastics impair digestive performance but show little effects on antioxidant activity in mussels under low pH conditions. *Environmental Pollution*, **2020**, 258, 113691	9.3	47
79	Short-term exposure to norfloxacin induces oxidative stress, neurotoxicity and microbiota alteration in juvenile large yellow croaker Pseudosciaena crocea. *Environmental Pollution*, **2020**, 267, 115397	9.3	4
78	Rethinking Nano-TiO Safety: Overview of Toxic Effects in Humans and Aquatic Animals. *Small*, **2020**, 16, e2002019	11	39
77	Specific dynamic action of mussels exposed to TiO nanoparticles and seawater acidification. *Chemosphere*, **2020**, 241, 125104	8.4	10
76	Effects of copper supplement on the immune function and blood-chemistry in adult Chinese horseshoe crab Tachypleus tridentatus. *Aquaculture*, **2020**, 515, 734576	4.4	14
75	Nano-TiO impairs digestive enzyme activities of marine mussels under ocean acidification. *Chemosphere*, **2019**, 237, 124561	8.4	19
74	Hypoxia aggravates the effects of ocean acidification on the physiological energetics of the blue mussel Mytilus edulis. *Marine Pollution Bulletin*, **2019**, 149, 110538	6.7	19
73	Seawater acidification and temperature modulate anti-predator defenses in two co-existing Mytilus species. *Marine Pollution Bulletin*, **2019**, 145, 118-125	6.7	18
72	Classification and characterization of hemocytes from two Asian horseshoe crab species Tachypleus tridentatus and Carcinoscorpius rotundicauda. *Scientific Reports*, **2019**, 9, 7095	4.9	8
71	Combined effects of toxic Microcystis aeruginosa and hypoxia on the digestive enzyme activities of the triangle sail mussel Hyriopsis cumingii. *Aquatic Toxicology*, **2019**, 212, 241-246	5.1	13
70	Fusion of microplastics into the mussel byssus. *Environmental Pollution*, **2019**, 252, 420-426	9.3	34
69	Differential in vivo hemocyte responses to nano titanium dioxide in mussels: Effects of particle size. *Aquatic Toxicology*, **2019**, 212, 28-36	5.1	13
68	Transgenerational effects of short-term exposure to acidification and hypoxia on early developmental traits of the mussel Mytilus edulis. *Marine Environmental Research*, **2019**, 145, 73-80	3.3	23
67	Nano-ZnO impairs anti-predation capacity of marine mussels under seawater acidification. *Journal of Hazardous Materials*, **2019**, 371, 521-528	12.8	11
66	Delayed interference effects of air exposure on adult Chinese horseshoe crab Tachypleus tridentatus. *Aquaculture Research*, **2019**, 50, 3633-3642	1.9	3
65	Fatty acids from controlled feeding as dietary markers of juvenile Chinese horseshoe crab, Tachypleus tridentatus. *Journal of the Marine Biological Association of the United Kingdom*, **2019**, 99, 421-428	1.1	4
64	Oxidative stress induced by titanium dioxide nanoparticles increases under seawater acidification in the thick shell mussel Mytilus coruscus. *Marine Environmental Research*, **2018**, 137, 49-59	3.3	38
63	Modulatory effect of glutamate GluR2 receptor on the caudal neurosecretory Dahlgren cells of the olive flounder, Paralichthys olivaceus. *General and Comparative Endocrinology*, **2018**, 261, 9-22	3	4

62	Combined effects of ZnO NPs and seawater acidification on the haemocyte parameters of thick shell mussel Mytilus coruscus. *Science of the Total Environment*, **2018**, 624, 820-830	10.2	25
61	Impact of zinc oxide nanoparticles and ocean acidification on antioxidant responses of Mytilus coruscus. *Chemosphere*, **2018**, 196, 182-195	8.4	27
60	Effects of copper on hemocyte parameters in the estuarine oyster Crassostrea rivularis under low pH conditions. *Aquatic Toxicology*, **2018**, 203, 61-68	5.1	10
59	Short-Term Exposure of to Decreased pH and Salinity Change Impacts Immune Parameters of Their Haemocytes. *Frontiers in Physiology*, **2018**, 9, 166	4.6	17
58	Liver Transcriptome and miRNA Analysis of Silver Carp () Intraperitoneally Injected With Microcystin-LR. *Frontiers in Physiology*, **2018**, 9, 381	4.6	8
57	Synergistic Effects of Nano-ZnO and Low pH of Sea Water on the Physiological Energetics of the Thick Shell Mussel. *Frontiers in Physiology*, **2018**, 9, 757	4.6	16
56	Salinity mediates the toxic effect of nano-TiO on the juvenile olive flounder Paralichthys olivaceus. *Science of the Total Environment*, **2018**, 640-641, 726-735	10.2	15
55	Effects of Gonadal Preoperative Treatment on the Physiological Metabolism of the Pearl Oyster Pinctada martensii: Implications for Pearl Production. *Journal of Shellfish Research*, **2018**, 37, 1051	1	0
54	Growth Performance and Feed Utilization of Low-Cost Artificial Feeds for Juvenile Asian Horseshoe Crab Culture. *Journal of Shellfish Research*, **2018**, 37, 581-589	1	4
53	Elevated pCO Affects Feeding Behavior and Acute Physiological Response of the Brown Crab. *Frontiers in Physiology*, **2018**, 9, 1164	4.6	13
52	CO-induced pH reduction increases physiological toxicity of nano-TiO in the mussel Mytilus coruscus. *Scientific Reports*, **2017**, 7, 40015	4.9	22
51	Effects of seawater pH and temperature on foraging behavior of the Japanese stone crab Charybdis japonica. *Marine Pollution Bulletin*, **2017**, 120, 99-108	6.7	22
50	Seasonal niche segregation of two sympatric xenocyprinid fishes. *Journal of Applied Ichthyology*, **2017**, 33, 423-428	0.9	1
49	Antioxidant response of the hard shelled mussel Mytilus coruscus exposed to reduced pH and oxygen concentration. *Ecotoxicology and Environmental Safety*, **2017**, 137, 94-102	7	45
48	Dynamic responses of prolactin, growth hormone and their receptors to hyposmotic acclimation in the olive flounder Paralichthys olivaceus. *General and Comparative Endocrinology*, **2017**, 254, 8-13	3	9
47	Effects of toxic Microcystis aeruginosa on the silver carp Hypophthalmichtys molitrix revealed by hepatic RNA-seq and miRNA-seq. *Scientific Reports*, **2017**, 7, 10456	4.9	5
46	Defense Responses to Short-term Hypoxia and Seawater Acidification in the Thick Shell Mussel. *Frontiers in Physiology*, **2017**, 8, 145	4.6	22
45	Influence of long (16L:8D) and short (8L:16D) photoperiods on blood metabolites and hepatic metabolism in Olive flounder, Paralichthys olivaceus. *SpringerPlus*, **2016**, 5, 924		5

44	Hemocyte responses of the thick shell mussel Mytilus coruscus exposed to nano-TiO and seawater acidification. *Aquatic Toxicology*, **2016**, 180, 1-10	5.1	44
43	Combined effects of toxic cyanobacteria Microcystis aeruginosa and hypoxia on the physiological responses of triangle sail mussel Hyriopsis cumingii. *Journal of Hazardous Materials*, **2016**, 306, 24-33	12.8	11
42	Effects of salinity on the physiological responses of the large yellow croaker Pseudosciaena crocea under indoor culture conditions. *Aquaculture Research*, **2016**, 47, 3410-3420	1.9	6
41	Effects of short-term hypoxia and seawater acidification on hemocyte responses of the mussel Mytilus coruscus. *Marine Pollution Bulletin*, **2016**, 108, 46-52	6.7	43
40	Combined effects of short-term exposure to elevated CO2 and decreased O2 on the physiology and energy budget of the thick shell mussel Mytilus coruscus. *Chemosphere*, **2016**, 155, 207-216	8.4	42
39	Physiological responses to salinity increase in blood parrotfish (Cichlasoma synspilum ?Cichlasoma citrinellum ?). *SpringerPlus*, **2016**, 5, 1246		8
38	Combined effects of seawater acidification and high temperature on hemocyte parameters in the thick shell mussel Mytilus coruscus. *Fish and Shellfish Immunology*, **2016**, 56, 554-562	4.3	40
37	Anti-predatory responses of the thick shell mussel Mytilus coruscus exposed to seawater acidification and hypoxia. *Marine Environmental Research*, **2015**, 109, 159-67	3.3	31
36	Conflicting Effects of Predator Cue and Ocean Acidification on the MusselMytilus coruscusByssus Production. *Journal of Shellfish Research*, **2015**, 34, 393-400	1	17
35	Antioxidant responses of triangle sail mussel Hyriopsis cumingii exposed to harmful algae Microcystis aeruginosa and hypoxia. *Chemosphere*, **2015**, 139, 541-9	8.4	39
34	Effect of pH and temperature on antioxidant responses of the thick shell mussel Mytilus coruscus. *Fish and Shellfish Immunology*, **2015**, 46, 573-83	4.3	95
33	Larval development and salinity tolerance of Japanese flounder (Paralichthys olivaceus) from hatching to juvenile settlement. *Aquaculture Research*, **2015**, 46, 1878-1890	1.9	5
32	Physiological energetics of the thick shell mussel Mytilus coruscus exposed to seawater acidification and thermal stress. *Science of the Total Environment*, **2015**, 514, 261-72	10.2	84
31	Population Structure and Growth of Juvenile Horseshoe Crabs Tachypleus tridentatus and Carcinoscorpius rotundicauda (Xiphosura) in Southern China **2015**, 167-180		17
30	Digestible dietary protein and energy requirements of juvenile Asian horseshoe crabs, Tachypleus tridentatus and Carcinoscorpius rotundicauda. *Aquaculture Research*, **2014**, 45, 1621-1633	1.9	10
29	Immune toxicity of TiO under hypoxia in the green-lipped mussel Perna viridis based on flow cytometric analysis of hemocyte parameters. *Science of the Total Environment*, **2014**, 470-471, 791-9	10.2	47
28	Comparison of different frozen natural foods on survival and growth of juvenile Chinese horseshoe crab Tachypleus tridentatus (Leach, 1819): implications on laboratory culture. *Aquaculture Research*, **2013**, 44, 567-573	1.9	12
27	Ontogenesis from embryo to juvenile and salinity tolerance of Japanese devil stinger Inimicus japonicus during early life stage. *SpringerPlus*, **2013**, 2, 289		6

26	Antipredatory responses of Perna viridis (Linnaeus, 1758) under acute hypoxia and low salinity. *Journal of Molluscan Studies*, **2013**, 79, 42-50	1.1	11
25	Chronic hypoxia and low salinity impair anti-predatory responses of the green-lipped mussel Perna viridis. *Marine Environmental Research*, **2012**, 77, 84-9	3.3	24
24	Immune parameter changes of hemocytes in green-lipped mussel Perna viridis exposure to hypoxia and hyposalinity. *Aquaculture*, **2012**, 356-357, 22-29	4.4	45
23	Characterization of subpopulations and immune-related parameters of hemocytes in the green-lipped mussel Perna viridis. *Fish and Shellfish Immunology*, **2012**, 32, 381-90	4.3	45
22	The combined effects of oxygen availability and salinity on physiological responses and scope for growth in the green-lipped mussel Perna viridis. *Marine Pollution Bulletin*, **2011**, 63, 255-61	6.7	57
21	Immune responses to combined effect of hypoxia and high temperature in the green-lipped mussel Perna viridis. *Marine Pollution Bulletin*, **2011**, 63, 201-8	6.7	33
20	Effect of starvation on the energy budget of two Asian horseshoe crab species: Tachypleus tridentatus and Carcinoscorpius rotundicauda (Chelicerata: Xiphosura). *Marine Biology*, **2011**, 158, 1591-1600	2.5	20
19	Combined Effects of Dissolved Oxygen and Salinity on Growth and Body Composition of Juvenile Green-Lipped MusselPerna viridis. *Journal of Shellfish Research*, **2011**, 30, 851-857	1	10
18	Induction of anti-predator responses in the green-lipped mussel Perna viridis under hypoxia. *Marine Biology*, **2010**, 157, 747-754	2.5	14
17	Effects of the timing of initial feeding on growth and survival of loach (Misgurnus anguillicaudatus) larvae. *Aquaculture International*, **2010**, 18, 135-148	2.6	19
16	Effect of prolonged starvation on body weight and blood-chemistry in two horseshoe crab species: Tachypleus tridentatus and Carcinoscorpius rotundicauda (Chelicerata: Xiphosura). *Journal of Experimental Marine Biology and Ecology*, **2010**, 395, 112-119	2.1	21
15	Threatened fishes of the world: Schizothorax taliensis Regan, 1907 (Cyprinidae). *Environmental Biology of Fishes*, **2009**, 86, 29-30	1.6	1
14	Threatened fishes of the world: Trachidermus fasciatus Heckel, 1837 (Cottidae). *Environmental Biology of Fishes*, **2009**, 86, 63-64	1.6	5
13	Threatened fishes of the world: Bahaba taipingensis Herre, 1932 (Sciaenidae). *Environmental Biology of Fishes*, **2009**, 85, 335-336	1.6	3
12	Threatened fishes of the world: Psilorhynchus homaloptera Hora & Mukerji, 1935 (Psilorhynchidae). *Environmental Biology of Fishes*, **2009**, 86, 349-350	1.6	
11	Threatened fishes of the world: Aphyocypris lini Weitzman and Chan, 1966 (Cyprinidae). *Environmental Biology of Fishes*, **2009**, 86, 525-526	1.6	1
10	Effects on growth and survival of loach (Misgurnus anguillicaudatus) larvae when co-fed on live and microparticle diets. *Aquaculture Research*, **2009**, 40, 385-394	1.9	21
9	Induced ovulation of yellow catfish (Pelteobagrus fulvidraco) using a combination of a gonadotrop-releasing hormone analogue and domperidone. *Aquaculture Research*, **2009**, 41, 1243	1.9	

8	Effects of the timing of initial feeding on growth and survival of spotted mandarin fish Siniperca scherzeri larvae. *Journal of Fish Biology*, **2009**, 75, 1158-72	1.9	29
7	Effects of GnRHa (D-Ala6, Pro9-NEt) combined with domperidone on ovulation induction in wild loach Misgurnus anguillicaudatus. *Aquaculture*, **2009**, 291, 136-139	4.4	6
6	Summer distribution and abundance of juvenile Chinese horseshoe crabs Tachypleus tridentatus along an intertidal zone in southern China. *Aquatic Biology*, **2009**, 7, 107-112	2	35
5	Evaluation of rendered animal protein ingredients for replacement of fish meal in practical diets for gibel carp, Carassius auratus gibelio (Bloch). *Aquaculture Research*, **2008**, 39, 1475-1482	1.9	6
4	Replacement of fish meal by rendered animal protein ingredients with lysine and methionine supplementation to practical diets for gibel carp, Carassius auratus gibelio. *Aquaculture*, **2008**, 275, 260-265	4.4	50
3	Threatened fishes of the world: Hucho bleekeri Kimura, 1934 (Salmonidae). *Environmental Biology of Fishes*, **2008**, 82, 385-386	1.6	7
2	Effects of daphnia (Moina micrura) plus chlorella (Chlorella pyrenoidosa) or microparticle diets on growth and survival of larval loach (Misgurnus anguillicaudatus). *Aquaculture International*, **2008**, 16, 361-368	2.6	16
1	Transpositional feeding rhythm of loach Misgurnus anguillicaudatus from larvae to juveniles and its ontogenesis under artificial rearing conditions. *Aquaculture International*, **2008**, 16, 539-549	2.6	20