Mengyu

List of Publications by Citations

158 papers	2,118 citations	26 h-index	35 g-index
165 ext. papers	2,720 ext. citations	4.6 avg, IF	5.61 L-index

#	Paper	IF	Citations
158	Characterization of novel Bacillus strain N31 from mariculture water capable of halophilic heterotrophic nitrification-aerobic denitrification. *Journal of Bioscience and Bioengineering*, **2017**, 124, 564-571	3.3	65
157	An investigation of endocrine disrupting effects and toxic mechanisms modulated by benzo[a]pyrene in female scallop Chlamys farreri. *Aquatic Toxicology*, **2013**, 144-145, 162-71	5.1	59
156	AHH activity, tissue dose and DNA damage in different tissues of the scallop Chlamys farreri exposed to benzo[a]pyrene. *Environmental Pollution*, **2008**, 153, 192-8	9.3	52
155	Microbiota assemblages of water, sediment, and intestine and their associations with environmental factors and shrimp physiological health. *Applied Microbiology and Biotechnology*, **2018**, 102, 8585-8598	5.7	49
154	Metabolites analysis, metabolic enzyme activities and bioaccumulation in the clam Ruditapes philippinarum exposed to benzo[a]pyrene. *Ecotoxicology and Environmental Safety*, **2014**, 107, 251-9	7	45
153	Application of the biomarker responses in scallop (Chlamys farreri) to assess metals and PAHs pollution in Jiaozhou Bay, China. *Marine Environmental Research*, **2012**, 80, 38-45	3.3	45
152	Metallothionein, antioxidant enzymes and DNA strand breaks as biomarkers of Cd exposure in a marine crab, Charybdis japonica. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2006**, 144, 67-75	3.2	43
151	Bioaccumulation and oxidative damage in juvenile scallop Chlamys farreri exposed to benzo[a]pyrene, benzo[b]fluoranthene and chrysene. *Ecotoxicology and Environmental Safety*, **2014**, 107, 103-10	7	41
150	Effects of benzo(a)pyrene exposure on the antioxidant enzyme activity of scallop Chlamys farreri. *Chinese Journal of Oceanology and Limnology*, **2009**, 27, 43-53		41
149	Digital gene expression analysis in hemocytes of the white shrimp Litopenaeus vannamei in response to low salinity stress. *Fish and Shellfish Immunology*, **2015**, 42, 400-7	4.3	40
148	Molecular cloning and sequence analysis of heat shock proteins 70 (HSP70) and 90 (HSP90) and their expression analysis when exposed to benzo(a)pyrene in the clam Ruditapes philippinarum. *Gene*, **2015**, 555, 108-18	3.8	39
147	Effect of salinity on regulation mechanism of neuroendocrine-immunoregulatory network in Litopenaeus vannamei. *Fish and Shellfish Immunology*, **2016**, 49, 396-406	4.3	38
146	Effects of ammonia-N exposure on the concentrations of neurotransmitters, hemocyte intracellular signaling pathways and immune responses in white shrimp Litopenaeus vannamei. *Fish and Shellfish Immunology*, **2018**, 75, 48-57	4.3	37
145	Response of detoxification gene mRNA expression and selection of molecular biomarkers in the clam Ruditapes philippinarum exposed to benzo[a]pyrene. *Environmental Pollution*, **2014**, 189, 1-8	9.3	35
144	Toxic effects upon exposure to benzo[a]pyrene in juvenile white shrimp Litopenaeus vannamei. *Environmental Toxicology and Pharmacology*, **2015**, 39, 194-207	5.8	33
143	Metabolic enzyme activities, metabolism-related genes expression and bioaccumulation in juvenile white shrimp Litopenaeus vannamei exposed to benzo[a]pyrene. *Ecotoxicology and Environmental Safety*, **2014**, 104, 79-86	7	33
142	Toxicity assessment of environmental pollutant phenanthrene in clam Venerupis philippinarum using oxidative stress biomarkers. *Environmental Toxicology and Pharmacology*, **2014**, 37, 697-704	5.8	31

141	Molecular cloning and characterization of a novel c-type lysozyme gene in swimming crab Portunus trituberculatus. *Fish and Shellfish Immunology*, **2010**, 29, 286-92	4.3	31
140	The detoxification responses, damage effects and bioaccumulation in the scallop Chlamys farreri exposed to single and mixtures of benzo[a]pyrene and chrysene. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2017**, 191, 36-51	3.2	29
139	Transcriptomic response to low salinity stress in gills of the Pacific white shrimp, Litopenaeus vannamei. *Marine Genomics*, **2015**, 24 Pt 3, 297-304	1.9	28
138	Ammonia and urea excretion in the swimming crab Portunus trituberculatus exposed to elevated ambient ammonia-N. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2015**, 187, 48-54	2.6	28
137	Effects of benzo(k)fluoranthene exposure on the biomarkers of scallop Chlamys farreri. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2005**, 141, 248-56	3.2	28
136	A multi-biomarker approach in scallop Chlamys farreri to assess the impact of contaminants in Qingdao coastal area of China. *Ecotoxicology and Environmental Safety*, **2017**, 142, 399-409	7	27
135	Metagenomic analysis of composition, function and cycling processes of microbial community in water, sediment and effluent of Litopenaeus vannamei farming environments under different culture modes. *Aquaculture*, **2019**, 506, 280-293	4.4	27
134	Phosphorus and nitrogen removal by a novel phosphate-accumulating organism, Arthrobacter sp. HHEP5 capable of heterotrophic nitrification-aerobic denitrification: Safety assessment, removal characterization, mechanism exploration and wastewater treatment. *Bioresource Technology*, **2020**,	11	27
133	Effects of different carbon sources addition on nutrition composition and extracellular enzymes activity of bioflocs, and digestive enzymes activity and growth performance of Litopenaeus vannamei in zero-exchange culture tanks. *Aquaculture Research*, **2016**, 47, 3307-3318	1.9	27
132	Bioaccumulation and detoxification responses in the scallop Chlamys farreri exposed to tetrabromobisphenol A (TBBPA). *Environmental Toxicology and Pharmacology*, **2015**, 39, 997-1007	5.8	26
131	The role of Nrf2-Keap1 signaling pathway in the antioxidant defense response induced by PAHs in the calm Ruditapes philippinarum. *Fish and Shellfish Immunology*, **2018**, 80, 325-334	4.3	26
130	Deep sequencing-based transcriptome profiling analysis of Chlamys farreri exposed to benzo[a]pyrene. *Gene*, **2014**, 551, 261-70	3.8	26
129	The detoxification process, bioaccumulation and damage effect in juvenile white shrimp Litopenaeus vannamei exposed to chrysene. *Ecotoxicology and Environmental Safety*, **2015**, 114, 44-51	7	26
128	Molecular cloning, characterization and recombinant expression of crustacean hyperglycemic hormone in white shrimp Litopenaeus vannamei. *Peptides*, **2014**, 53, 115-24	3.8	26
127	Identification of a CYP3A-like gene and CYPs mRNA expression modulation following exposure to benzo[a]pyrene in the bivalve mollusk Chlamys farreri. *Marine Environmental Research*, **2014**, 94, 7-15	3.3	25
126	Effects of Different Carbon Sources on Bioactive Compound Production of Biofloc, Immune Response, Antioxidant Level, and Growth Performance of Litopenaeus vannamei in Zero-water Exchange Culture Tanks. *Journal of the World Aquaculture Society*, **2016**, 47, 566-576	2.5	25
125	The molecular mechanism of Nrf2-Keap1 signaling pathway in the antioxidant defense response induced by BaP in the scallop Chlamys farreri. *Fish and Shellfish Immunology*, **2019**, 92, 489-499	4.3	22
124	Crustacean hyperglycemic hormone (CHH) affects hemocyte intracellular signaling pathways to regulate exocytosis and immune response in white shrimp Litopenaeus vannamei. *Peptides*, **2019**, 116, 30-41	3.8	22

123	Deep sequencing of the scallop Chlamys farreri transcriptome response to tetrabromobisphenol A (TBBPA) stress. *Marine Genomics*, **2015**, 19, 31-8	1.9	22
122	Identification of a novel P450 gene belonging to the CYP4 family in the clam Ruditapes philippinarum, and analysis of basal- and benzo(a)pyrene-induced mRNA expression levels in selected tissues. *Environmental Toxicology and Pharmacology*, **2011**, 32, 390-8	5.8	22
121	Toxicity effects of p-choroaniline on the growth, photosynthesis, respiration capacity and antioxidant enzyme activities of a diatom, Phaeodactylum tricornutu. *Ecotoxicology and Environmental Safety*, **2019**, 169, 654-661	7	21
120	Molecular cloning and sequence analysis of two carbonic anhydrase in the swimming crab Portunus trituberculatus and its expression in response to salinity and pH stress. *Gene*, **2016**, 576, 347-57	3.8	20
119	Identification, interactions, nitrogen removal pathways and performances of culturable heterotrophic nitrification-aerobic denitrification bacteria from mariculture water by using cell culture and metagenomics. *Science of the Total Environment*, **2020**, 732, 139268	10.2	20
118	Effects of crustacean hyperglycemic hormone (CHH) on regulation of hemocyte intracellular signaling pathways and phagocytosis in white shrimp Litopenaeus vannamei. *Fish and Shellfish Immunology*, **2019**, 93, 559-566	4.3	20
117	Digital gene expression analysis of reproductive toxicity of benzo[a]pyrene in male scallop chlamys farreri. *Ecotoxicology and Environmental Safety*, **2014**, 110, 190-6	7	20
116	RNA-seq based on transcriptome reveals differ genetic expressing in Chlamys farreri exposed to carcinogen PAHs. *Environmental Toxicology and Pharmacology*, **2015**, 39, 313-20	5.8	19
115	Molecular evidence for the existence of an aryl hydrocarbon receptor pathway in scallops Chlamys farreri. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2016**, 196-197, 74-84	2.3	19
114	Effect of salinity on the biosynthesis of amines in Litopenaeus vannamei and the expression of gill related ion transporter genes. *Journal of Ocean University of China*, **2014**, 13, 453-459	1	19
113	Assessing PAHs pollution in Qingdao coastal area (China) by the combination of chemical and biochemical responses in scallops, Chlamys farreri. *Marine Pollution Bulletin*, **2014**, 89, 473-480	6.7	19
112	Exposure to2,2$4,4Stetrabromodiphenyl ether (BDE-47) alters thyroid hormone levels and thyroid hormone-regulated gene transcription in manila clam Ruditapes philippinarum. *Chemosphere*, **2016**, 152, 10-6	8.4	18
111	Effects of dopamine on immune signaling pathway factors, phagocytosis and exocytosis in hemocytes of Litopenaeus vannamei. *Developmental and Comparative Immunology*, **2020**, 102, 103473	3.2	18
110	Expression profiles of different glutathione S-transferase isoforms in scallop Chlamys farreri exposed to benzo[a]pyrene and chrysene in combination and alone. *Ecotoxicology and Environmental Safety*, **2017**, 142, 480-488	7	17
109	One recombinant C-type lectin (LvLec) from white shrimp Litopenaeus vannamei affected the haemocyte immune response in vitro. *Fish and Shellfish Immunology*, **2019**, 89, 35-42	4.3	16
108	In vitro study of the effect of metabolism enzymes on benzo(a)pyrene-induced DNA damage in the scallop Chlamys farreri. *Environmental Toxicology and Pharmacology*, **2016**, 42, 92-8	5.8	16
107	Short-term exposure to benzo[a]pyrene causes oxidative damage and affects haemolymph steroid levels in female crab Portunus trituberculatus. *Environmental Pollution*, **2016**, 208, 486-94	9.3	16
106	Assessing PAHs pollution in Shandong coastal area (China) by combination of chemical analysis and responses of reproductive toxicity in crab Portunus trituberculatus. *Environmental Science and Pollution Research*, **2017**, 24, 14291-14303	5.1	14

105	Effects of low salinity stress on immune response and evaluating indicators of the swimming crab Portunus trituberculatus. *Aquaculture Research*, **2018**, 49, 659-667	1.9	14
104	Effects of hypoxia on dopamine concentration and the immune response of White Shrimp (Litopenaeus vannamei). *Journal of Ocean University of China*, **2009**, 8, 77-82	1	14
103	Transcriptome analysis of hemocytes from the white shrimp Litopenaeus vannamei with the injection of dopamine. *Fish and Shellfish Immunology*, **2019**, 94, 497-509	4.3	13
102	Using multi-integrated biomarker indexes approach to assess marine quality and health status of marine organism: a case study of Ruditapes philippinarum in Laizhou Bay, China. *Environmental Science and Pollution Research*, **2019**, 26, 9916-9930	5.1	13
101	The molecular mechanism of AhR-ARNT-XREs signaling pathway in the detoxification response induced by polycyclic aromatic hydrocarbons (PAHs) in clam Ruditapes philippinarum. *Environmental Research*, **2020**, 183, 109165	7.9	13
100	The roles of serine protease, intracellular and extracellular phenoloxidase in activation of prophenoloxidase system, and characterization of phenoloxidase from shrimp haemocytes induced by lipopolysaccharide or dopamine. *Chinese Journal of Oceanology and Limnology*, **2013**, 31, 1018-1027		13
99	Effects of Yu-Ping-Feng polysaccharides (YPS) on the immune response, intestinal microbiota, disease resistance and growth performance of Litopenaeus vannamei. *Fish and Shellfish Immunology*, **2020**, 105, 104-116	4.3	13
98	Effect of using sodium bicarbonate to adjust the pH to different levels on water quality, the growth and the immune response of shrimp Litopenaeus vannamei reared in zero-water exchange biofloc-based culture tanks. *Aquaculture Research*, **2017**, 48, 1194-1208	1.9	12
97	Effects of 2,2$,4,4Stetrabromodipheny ether (BDE-47) on gonadogenesis of the manila clam Ruditapes philippinarum. *Aquatic Toxicology*, **2017**, 193, 178-186	5.1	12
96	Responses of prophenoloxidase system and related defence parameters of Litopenaeus vannamei to low salinity. *Journal of Ocean University of China*, **2010**, 9, 273-278	1	12
95	Differential gene expression analysis of benzo(a)pyrene toxicity in the clam, Ruditapes philippinarum. *Ecotoxicology and Environmental Safety*, **2015**, 115, 126-36	7	11
94	Immunotoxicity effect of benzo[]pyrene on scallop Chlamys farreri. *Journal of Ocean University of China*, **2009**, 8, 89-94	1	11
93	Molecular cloning, characterization, and expression analysis of a gonadotropin-releasing hormone-like cDNA in the clam, Ruditapes philippinarum. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2015**, 189, 47-54	2.3	10
92	Dietary accumulation of tetrabromobisphenol A and its effects on the scallop Chlamys farreri. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2015**, 167, 7-14	3.2	10
91	Bioaccumulation and oxidative damage of polycyclic aromatic hydrocarbon mixtures in Manila clam Ruditapes philippinarum. *Ecotoxicology and Environmental Safety*, **2020**, 197, 110558	7	10
90	Crustacean hyperglycemic hormone (CHH) regulates the ammonia excretion and metabolism in white shrimp, Litopenaeus vannamei under ammonia-N stress. *Science of the Total Environment*, **2020**, 723, 138128	10.2	10
89	Effects of Vibro harveyi and Staphyloccocus aureus infection on hemocyanin synthesis and innate immune responses in white shrimp Litopenaeus vannamei. *Fish and Shellfish Immunology*, **2019**, 93, 659-668	4.3	10
88	Molecular cloning and characterization of a MXR-related P-glycoprotein cDNA in scallop Chlamys farreri: transcriptional response to benzo(a)pyrene, tetrabromobisphenol A and endosulfan. *Ecotoxicology and Environmental Safety*, **2014**, 110, 136-42	7	10

87	Environmentally relevant concentrations of benzo[a]pyrene affect steroid levels and affect gonad of male scallop Chlamys farreri. *Ecotoxicology and Environmental Safety*, **2015**, 114, 150-6	7	10
86	A physiologically based toxicokinetic and toxicodynamic model links the tissue distribution of benzo[a]pyrene and toxic effects in the scallop Chlamys farreri. *Environmental Toxicology and Pharmacology*, **2014**, 37, 493-504	5.8	10
85	Ammonia-N exposure alters neurohormone levels in the hemolymph and mRNA abundance of neurohormone receptors and associated downstream factors in the gills of. *Journal of Experimental Biology*, **2019**, 222,	3	9
84	Gender differences in detoxification metabolism of polycyclic aromatic hydrocarbon (chrysene) in scallop Chlamys farreri during the reproduction period. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2015**, 170, 50-9	3.2	9
83	Effects of dietary herbal formulae combined by Astragalus polysaccharides, chlorogenic acid and allicin in different combinations and proportions on growth performance, non-specific immunity, antioxidant status, vibriosis resistance and damage indexes of Litopenaeus vannamei. *Aquaculture Research*, **2018**, 49, 701-716	1.9	9
82	Identification of differentially expressed genes in the digestive gland of manila clam Ruditapes philippinarum exposed to BDE-47. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2014**, 161, 15-20	3.2	9
81	Effects of phosphatidyl serine on immune response in the shrimp Litopenaeus vannamei. *Open Life Sciences*, **2013**, 8, 1135-1144	1.2	9
80	Application of SSH and quantitative real time PCR to construction of gene expression profiles from scallop Chlamys farreri in response to exposure to tetrabromobisphenol A. *Environmental Toxicology and Pharmacology*, **2012**, 34, 911-8	5.8	9
79	Tissue distribution, elimination of florfenicol and its effect on metabolic enzymes and related genes expression in the white shrimp Litopenaeus vannamei following oral administration. *Aquaculture Research*, **2016**, 47, 1584-1595	1.9	9
78	Independent and simultaneous effect of crustacean hyperglycemic hormone and dopamine on the hemocyte intracellular signaling pathways and immune responses in white shrimp Litopenaeus vannamei. *Fish and Shellfish Immunology*, **2018**, 83, 262-271	4.3	9
77	Inhibition of growth in juvenile manila clam Ruditapes philippinarum: Potential adverse outcome pathway of TBBPA. *Chemosphere*, **2019**, 224, 588-596	8.4	8
76	Generally detected genes in comparative transcriptomics in bivalves: toward the identification of molecular markers of cellular stress response. *Environmental Toxicology and Pharmacology*, **2015**, 39, 475-81	5.8	8
75	A verification of correlation between chemical monitoring and multi-biomarker approach using clam Ruditapes philippinarum and scallop Chlamys farreri to assess the impact of pollution in Shandong coastal area of China. *Marine Pollution Bulletin*, **2020**, 155, 111155	6.7	8
74	Screening of bacterial strains from the gut of Pacific White Shrimp (Litopenaeus vannamei) and their efficiencies in improving the fermentation of soybean meal. *FEMS Microbiology Letters*, **2020**, 367,	2.9	8
73	Levels of Metabolic Enzymes and Nitrogenous Compounds in the Swimming Crab Portunus trituberculatus Exposed to Elevated Ambient Ammonia-N. *Journal of Ocean University of China*, **2018**, 17, 957-966	1	8
72	Multi-biomarker approach in the scallop Chlamys farreri to assess PAHs pollution in Qingdao coastal areas of China. *Environmental Sciences: Processes and Impacts*, **2017**, 19, 1387-1403	4.3	8
71	Effects of heavy metal ions (Cu2+, Pb2+ and Cd2+) on DNA damage of the gills, hemocytes and hepatopancreas of marine crab, Charybdis japonica. *Journal of Ocean University of China*, **2011**, 10, 177-184	1	8
70	Effect of dopamine injection on the hemocyte count and prophenoloxidase system of the white shrimp Litopenaeus vannamei. *Journal of Ocean University of China*, **2011**, 10, 280-286	1	8

69	Effect of salinity on hemolymph osmotic pressure, sodium concentration and Na+-K+-ATPase activity of gill of Chinese crab, Eriocheir sinensis. *Journal of Ocean University of China*, **2008**, 7, 77-82	1	8
68	Transcriptomic changes in the ovaries of scallop Chlamys farreri exposed to benzo[a]pyrene. *Genes and Genomics*, **2016**, 38, 509-518	2.1	8
67	Simultaneous aerobic removal of phosphorus and nitrogen by a novel salt-tolerant phosphate-accumulating organism and the application potential in treatment of domestic sewage and aquaculture sewage. *Science of the Total Environment*, **2021**, 758, 143580	10.2	8
66	Role of neuropeptide F in regulating filter feeding of Manila clam, Ruditapes philippinarum. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2017**, 205, 30-38	2.3	7
65	Short-term exposure to benzo[a]pyrene disrupts reproductive endocrine status in the swimming crab Portunus trituberculatus. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2015**, 174-175, 13-20	3.2	7
64	Evidence that dopamine is involved in neuroendocrine regulation, gill intracellular signaling pathways and ion regulation in. *Journal of Experimental Biology*, **2019**, 222,	3	7
63	Study on the AhR signaling pathway and phase II detoxification metabolic enzymes isoforms in scallop Chlamys farreri exposed to single and mixtures of PAHs. *Environmental Research*, **2020**, 190, 109980	7.9	7
62	Evaluating the toxic effects of three priority hazardous and noxious substances (HNS) to rotifer Brachionus plicatilis. *Environmental Science and Pollution Research*, **2017**, 24, 27277-27287	5.1	6
61	Benzo[a]pyrene exposure induced reproductive endocrine-disrupting effects via the steroidogenic pathway and estrogen signaling pathway in female scallop Chlamys farreri. *Science of the Total Environment*, **2020**, 726, 138585	10.2	6
60	The mechanism of Mitogen-Activated Protein Kinases to mediate apoptosis and immunotoxicity induced by Benzo[a]pyrene on hemocytes of scallop Chlamys farreri in vitro. *Fish and Shellfish Immunology*, **2020**, 102, 64-72	4.3	6
59	Effects of feeding level and C/N ratio on water quality, growth performance, immune and antioxidant status of Litopenaeus vannamei in zero -water exchange bioflocs-based outdoor soil culture ponds. *Fish and Shellfish Immunology*, **2020**, 101, 126-134	4.3	6
58	Effect of benzo[a]pyrene on detoxification and the activity of antioxidant enzymes of marine microalgae. *Journal of Ocean University of China*, **2016**, 15, 303-310	1	6
57	Toxicity assessment of p-choroaniline on Platymonas subcordiformis and its biodegradation. *Ecotoxicology and Environmental Safety*, **2020**, 189, 109995	7	6
56	Benzo[a]pyrene exposure disrupts steroidogenesis and impairs spermatogenesis in diverse reproductive stages of male scallop (Chlamys farreri). *Environmental Research*, **2020**, 191, 110125	7.9	6
55	Effects of biogenic amines on the immune response and immunoregulation mechanism in hemocytes of Litopenaeus vannamei in vitro. *Molecular Immunology*, **2020**, 128, 1-9	4.3	6
54	Toxic effects upon exposure to polycyclic aromatic hydrocarbon (chrysene) in scallop Chlamys farreri during the reproduction period. *Environmental Toxicology and Pharmacology*, **2016**, 44, 75-83	5.8	6
53	Acute and chronic toxicity effects of acrylonitrile to the juvenile marine flounder Paralichthys olivaceus. *Environmental Science and Pollution Research*, **2018**, 25, 35301-35311	5.1	6
52	Identification of the role of Rh protein in ammonia excretion of the swimming crab. *Journal of Experimental Biology*, **2018**, 221,	3	6

51	Comparative transcriptome analysis of eyestalk from the white shrimp Litopenaeus vannamei after the injection of dopamine. *Gene*, **2020**, 763, 145115	3.8	5
50	Identification of interacting proteins with aryl hydrocarbon receptor in scallop Chlamys farreri by yeast two hybrid screening. *Ecotoxicology and Environmental Safety*, **2016**, 133, 381-9	7	5
49	Heterotrophic nitrification-aerobic denitrification characteristics and antibiotic resistance of two bacterial consortia from Marinomonas and Halomonas with effective nitrogen removal in mariculture wastewater. *Journal of Environmental Management*, **2021**, 279, 111786	7.9	5
48	Application of a series of biomarkers in Scallop Chlamys farreri to assess the toxic effects after exposure to a priority hazardous and noxious substance (HNS)-Acrylonitrile. *Environmental Toxicology and Pharmacology*, **2018**, 64, 122-130	5.8	5
47	Identification and real-time qPCR quantification of a nitrite-N degrading bacterial strain in aquatic water. *Aquaculture Research*, **2017**, 48, 3657-3668	1.9	4
46	Transcriptomic response to ammonia-N stress in the hepatopancreas of swimming crab Portunus trituberculatus. *Marine Life Science and Technology*, **2020**, 2, 135-145	4.5	4
45	The Effect of Bilateral Eyestalk Ablation on Signal Transduction Pathways of Ion Regulation ofLitopenaeus vannamei. *Journal of the World Aquaculture Society*, **2017**, 48, 145-155	2.5	4
44	Modulation by biogenic amines for the hemocyte count and prophenoloxidase exocytosis via receptors in Litopenaeus vannamei. *Journal of Ocean University of China*, **2011**, 10, 425-432	1	4
43	Biomonitoring of polycyclic aromatic hydrocarbons (PAHs) from Manila clam Ruditapes philippinarum in Laizhou, Rushan and Jiaozhou, bays of China, and investigation of its relationship with human carcinogenic risk. *Marine Pollution Bulletin*, **2020**, 160, 111556	6.7	4
42	In vitro and in vivo immunologic potentiation of herb extracts on shrimp (Litopenaeus vannamei). *Fish and Shellfish Immunology*, **2020**, 107, 556-566	4.3	4
41	Integration of chemical and biological methods: A case study of polycyclic aromatic hydrocarbons pollution monitoring in Shandong Peninsula, China.. *Journal of Environmental Sciences*, **2022**, 111, 24-37	6.4	4
40	Changes of water, sediment, and intestinal bacterial communities in Penaeus japonicus cultivation and their impacts on shrimp physiological health. *Aquaculture International*, **2020**, 28, 1847-1865	2.6	3
39	Temporal transcriptome analysis in female scallop Chlamys farreri: First molecular insights into the disturbing mechanism on lipid metabolism of reproductive-stage dependence under benzo[a]pyrene exposure. *Science of the Total Environment*, **2020**, 746, 142032	10.2	3
38	Characterization of Vibrio sp. strain AB15 and Pseudomonas fluorescens strain NB14 from the biofloc of shrimp culture ponds capable of high ammonia and nitrite removal efficiency. *Journal of the World Aquaculture Society*, **2021**, 52, 843-858	2.5	3
37	Ion Transport Signal Pathways Mediated by Neurotransmitter (Biogenic Amines) of Litopenaeus vannamei Under Low Salinity Challenge. *Journal of Ocean University of China*, **2019**, 18, 210-218	1	3
36	Using digital gene expression profile to detect representational difference of Chlamys farreri genes after laboratory exposure to persistent organic pollutants. *Genes and Genomics*, **2016**, 38, 263-274	2.1	2
35	Immunotoxic effect of Benzo[]Pyrene and chrysene in juvenile white shrimp Litopenaeus vannamei. *Open Life Sciences*, **2014**, 9, 1048-1057	1.2	2
34	Effects of mercuric chloride on antioxidant system and DNA integrity of the crab Charybdis japonica. *Journal of Ocean University of China*, **2009**, 8, 416-424	1	2

33	Toxic effect of p-chloroaniline and butyl acrylateon Nannochloropsis oculata based on water samples from two sea areas. *Environmental Toxicology and Pharmacology*, **2021**, 83, 103582	5.8	2
32	Toxicity evaluation of butyl acrylate on the photosynthetic pigments, chlorophyll fluorescence parameters, and oxygen evolution activity of Phaeodactylum tricornutum and Platymonas subcordiformis. *Environmental Science and Pollution Research*, **2021**, 28, 60954-60967	5.1	2
31	Acute toxic effect of typical chemicals and ecological risk assessment based on two marine microalgae, Phaeodactylum tricornutum and Platymonas subcordiformis. *Environmental Toxicology and Pharmacology*, **2021**, 85, 103649	5.8	2
30	Neuroendocrine-immune regulation mechanism in crustaceans: A review. *Reviews in Aquaculture*,	8.9	2
29	Damages to biological macromolecules in gonadal subcellular fractions of scallop Chlamys farreri following benzo[a]pyrene exposure: Contribution to inhibiting gonadal development and reducing fertility. *Environmental Pollution*, **2021**, 283, 117084	9.3	2
28	Impacts of benzo(a)pyrene exposure on scallop (Chlamys farreri) gut health and gut microbiota composition. *Science of the Total Environment*, **2021**, 799, 149471	10.2	2
27	An integrated approach using chemical ecological risk assessment and multi-integrated biomarker indexes approach to assess pollution: A case study of Ruditapes philippinarum in four bays on the Shandong Peninsula in China. *Environmental Research*, **2022**, 203, 111793	7.9	2
26	Bioaccumulation and function analysis of glutathione S-transferase isoforms in Manila clam Ruditapes philippinarum exposed to different kinds of PAHs.. *Journal of Environmental Sciences*, **2022**, 112, 129-139	6.4	2
25	In vitro recombinant yeast assay reveals the binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and aryl hydrocarbon receptor (AhR) from scallop Chlamys farreri. *Toxicology in Vitro*, **2019**, 59, 64-69	3.6	1
24	The feasibility of using primary shrimp hemocyte culture to screen herbal immunostimulants. *Aquaculture International*, **2018**, 26, 799-811	2.6	1
23	Initiation of two ovarian cell lines from Fugu rubripes (Temminck et. Schlegel). *Acta Oceanologica Sinica*, **2015**, 34, 98-102	1	1
22	Variations of ion-transport enzyme activities during early development of the shrimps Fenneropenaeus chinensis and Marsupenaeus japonicus. *Journal of Ocean University of China*, **2010**, 9, 76-80	1	1
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20	Gene expression and functional analysis of different heat shock protein (HSPs) in Ruditapes philippinarum under BaP stress. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2022**, 251, 109194	3.2	1
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