

# Wei-Na Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5492793/publications.pdf>

Version: 2024-02-01

61  
papers

1,610  
citations

304743

22  
h-index

315739

38  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1336  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of dietary vitamin E supplementation on antioxidant enzyme activities in <i>Litopenaeus vannamei</i> (Boone, 1931) exposed to acute salinity changes. <i>Aquaculture</i> , 2007, 265, 351-358.	3.5	165
2	Oxidative stress, DNA damage and antioxidant enzyme gene expression in the Pacific white shrimp, <i>Litopenaeus vannamei</i> when exposed to acute pH stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 150, 428-435.	2.6	129
3	Effects of nitrite on lethal and immune response of <i>Macrobrachium nipponense</i> . <i>Aquaculture</i> , 2004, 232, 679-686.	3.5	97
4	Expression of HSP60 and HSP70 in white shrimp, <i>Litopenaeus vannamei</i> in response to bacterial challenge. <i>Journal of Invertebrate Pathology</i> , 2010, 103, 170-178.	3.2	95
5	Effects of pH on survival, phosphorus concentration, adenylate energy charge and Na <sup>+</sup> K <sup>+</sup> ATPase activities of <i>Penaeus chinensis</i> Osbeck juveniles. <i>Aquatic Toxicology</i> , 2002, 60, 75-83.	4.0	80
6	Oxidative stress, DNA damage and osmolality in the Pacific white shrimp, <i>Litopenaeus vannamei</i> exposed to acute low temperature stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 36-41.	2.6	75
7	Gene expression of ferritin in tissue of the Pacific white shrimp, <i>Litopenaeus vannamei</i> after exposure to pH stress. <i>Aquaculture</i> , 2008, 275, 356-360.	3.5	65
8	Molecular cloning, characterization and expression analysis of tumor suppressor protein p53 from orange-spotted grouper, <i>Epinephelus coioides</i> in response to temperature stress. <i>Fish and Shellfish Immunology</i> , 2013, 35, 1466-1476.	3.6	65
9	Two types of ATPases from the Pacific white shrimp, <i>Litopenaeus vannamei</i> in response to environmental stress. <i>Molecular Biology Reports</i> , 2012, 39, 6427-6438.	2.3	45
10	Functional analysis of a dietary recombinant Fatty acid binding protein 10 (FABP10) on the <i>Epinephelus coioides</i> in response to acute low temperature challenge. <i>Fish and Shellfish Immunology</i> , 2014, 36, 475-484.	3.6	41
11	Molecular cloning, characterization and expression analysis of PPAR gamma in the orange-spotted grouper ( <i>Epinephelus coioides</i> ) after the <i>Vibrio alginolyticus</i> challenge. <i>Fish and Shellfish Immunology</i> , 2015, 43, 310-324.	3.6	41
12	Molecular characterization and functional analysis of a complement C3 molecule in the orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>Fish and Shellfish Immunology</i> , 2011, 31, 1284-1290.	3.6	40
13	Effects of cadmium on respiratory burst, intracellular Ca <sup>2+</sup> and DNA damage in the white shrimp <i>Litopenaeus vannamei</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 581-586.	2.6	35
14	Phagocytic activity, respiratory burst, cytoplasmic free-Ca <sup>2+</sup> concentration and apoptotic cell ratio of haemocytes from the black tiger shrimp, <i>Penaeus monodon</i> under acute copper stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 182-188.	2.6	35
15	Molecular cloning, expression of a galectin gene in Pacific white shrimp <i>Litopenaeus vannamei</i> and the antibacterial activity of its recombinant protein. <i>Molecular Immunology</i> , 2015, 67, 325-340.	2.2	34
16	Essential roles of Cdc42 and MAPK in cadmium-induced apoptosis in <i>Litopenaeus vannamei</i> . <i>Aquatic Toxicology</i> , 2015, 163, 89-96.	4.0	34
17	The respiratory burst activity and expression of catalase in white shrimp, <i>Litopenaeus vannamei</i> , during long-term exposure to pH stress. <i>Ecotoxicology</i> , 2012, 21, 1609-1616.	2.4	30
18	Molecular cloning, characterization and expression analysis of (B-cell lymphoma-2) Bcl-2 in the orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>Developmental and Comparative Immunology</i> , 2017, 76, 150-162.	2.3	29

#	ARTICLE	IF	CITATIONS
19	Integrative mRNA-miRNA interaction analysis associated with the immune response of <i>Epinephelus coioides</i> to <i>Vibrio alginolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , 2019, 90, 404-412.	3.6	29
20	Molecular cloning, characterization and expression analysis of (B-cell lymphoma-2 associated X) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 challenge. <i>Developmental and Comparative Immunology</i> , 2016, 60, 66-79.	2.3	24
21	Glutathione peroxidase from the white shrimp <i>Litopenaeus vannamei</i> : characterization and its regulation upon pH and Cd exposure. <i>Ecotoxicology</i> , 2012, 21, 1585-1592.	2.4	23
22	LvDJ-1 plays an important role in resistance against <i>Vibrio alginolyticus</i> in <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2015, 44, 180-186.	3.6	23
23	Effects of a recombinant complement component C3b functional fragment $\hat{I}\pm 2MR$ ( $\hat{I}\pm 2$ -macroglobulin) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 70 after the exposure to cold shock challenge. <i>Fish and Shellfish Immunology</i> , 2015, 45, 346-356.	3.6	22
24	Molecular cloning, characterization and expression analysis of complement component C8 beta in the orange-spotted grouper ( <i>Epinephelus coioides</i> ) after the <i>Vibrio alginolyticus</i> challenge. <i>Gene</i> , 2015, 558, 291-298.	2.2	21
25	The role of delta-1-pyrroline-5-carboxylate dehydrogenase (P5CDh) in the Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) during biotic and abiotic stress. <i>Aquatic Toxicology</i> , 2019, 208, 1-11.	4.0	21
26	Transcriptome analysis of Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) hepatopancreas challenged by <i>Vibrio alginolyticus</i> reveals lipid metabolic disturbance. <i>Fish and Shellfish Immunology</i> , 2022, 123, 238-247.	3.6	21
27	Functional analysis target of rapamycin (TOR) on the <i>Penaeus vannamei</i> in response to acute low temperature stress. <i>Fish and Shellfish Immunology</i> , 2020, 96, 53-61.	3.6	18
28	A Rac1 GTPase is a critical factor in the immune response of shrimp ( <i>Litopenaeus vannamei</i> ) to <i>Vibrio alginolyticus</i> infection. <i>Developmental and Comparative Immunology</i> , 2015, 51, 226-237.	2.3	17
29	Identifying the function of LvPI3K during the pathogenic infection of <i>Litopenaeus vannamei</i> by <i>Vibrio alginolyticus</i> . <i>Fish and Shellfish Immunology</i> , 2018, 76, 355-367.	3.6	17
30	Molecular characterization and expression analysis of elongation factors 1A and 2 from the Pacific white shrimp, <i>Litopenaeus vannamei</i> . <i>Molecular Biology Reports</i> , 2011, 38, 2167-2178.	2.3	16
31	Optimal conditions for expressing a complement component 3b functional fragment ( $\hat{I}\pm 2$ -macroglobulin) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 70 109, 23-28.	1.3	14
32	Molecular cloning and characterization of PTEN in the orange-spotted grouper ( <i>Epinephelus coioides</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	3.6	14
33	Rab from the white shrimp <i>Litopenaeus vannamei</i> : characterization and its regulation upon environmental stress. <i>Ecotoxicology</i> , 2015, 24, 1765-1774.	2.4	13
34	Pva-miR-252 participates in ammonia nitrogen-induced oxidative stress by modulating autophagy in <i>Penaeus vannamei</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112774.	6.0	13
35	Effect of dietary vitamin C and ammonia concentration on the cellular defense response of <i>Macrobrachium nipponense</i> . <i>Journal of the World Aquaculture Society</i> , 2005, 36, 1-7.	2.4	12
36	Characterization of a CD59 in orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>Fish and Shellfish Immunology</i> , 2019, 89, 486-497.	3.6	12

#	ARTICLE	IF	CITATIONS
37	N-terminal domain of EcC1INH in <i>Epinephelus coioides</i> can antagonize the LPS-stimulated inflammatory response. <i>Fish and Shellfish Immunology</i> , 2019, 84, 8-19.	3.6	12
38	Molecular cloning and characterization of an ATP-binding cassette (ABC) transmembrane transporter from the white shrimp <i>Litopenaeus vannamei</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 150, 450-458.	2.6	11
39	Molecular characterization and function of the Prohibitin2 gene in <i>Litopenaeus vannamei</i> responses to <i>Vibrio alginolyticus</i> . <i>Developmental and Comparative Immunology</i> , 2017, 67, 177-188.	2.3	11
40	Effects of a <i>Dissostichus mawsoni</i> -CaM recombinant proteins feed additive on the juvenile orange-spotted grouper ( <i>Epinephelus coioides</i> ) under the acute low temperature challenge. <i>Fish Physiology and Biochemistry</i> , 2015, 41, 1345-1358.	2.3	9
41	Valuation of shrimp ecosystem services – a case study in Leizhou City, China. <i>International Journal of Sustainable Development and World Ecology</i> , 2010, 17, 217-224.	5.9	8
42	Molecular cloning, characterization and function of a germinal center kinase MST4 gene from <i>Litopenaeus vannamei</i> in response to <i>Vibrio alginolyticus</i> challenge in TLR-TRAF6 signaling pathway. <i>Developmental and Comparative Immunology</i> , 2017, 73, 206-219.	2.3	8
43	miR-151 Affects Low-Temperature Tolerance of <i>Penaeus vannamei</i> by Modulating Autophagy Under Low-Temperature Stress. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 595108.	3.7	8
44	Correlation and causation between the intestinal microbiome and male morphotypes in the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Aquaculture</i> , 2021, 531, 735936.	3.5	7
45	Integrative analysis of the miRNA-mRNA regulation network in hemocytes of <i>Penaeus vannamei</i> following <i>Vibrio alginolyticus</i> infection. <i>Developmental and Comparative Immunology</i> , 2022, 131, 104390.	2.3	7
46	Fatty acid binding protein 10 in the orange-spotted grouper ( <i>Epinephelus coioides</i> ): Characterization and regulation under pH and temperature stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 447-455.	2.6	6
47	Characterization and expression analysis of Calmodulin (CaM) in orange-spotted grouper ( <i>Epinephelus coioides</i> ) in response to <i>Vibrio alginolyticus</i> challenge. <i>Ecotoxicology</i> , 2015, 24, 1775-1787.	2.4	6
48	The GRIM-19 plays a vital role in shrimps' responses to <i>Vibrio alginolyticus</i> . <i>Fish and Shellfish Immunology</i> , 2016, 49, 34-44.	3.6	6
49	Potential roles for microRNAs in facilitating physiological adaptation to low-temperature stress in <i>Penaeus vannamei</i> . <i>Journal of Fish Diseases</i> , 2021, 44, 1191-1200.	1.9	6
50	Determining the function of LvSmad3 on <i>Litopenaeus vannamei</i> in response to acute low temperature stress. <i>Developmental and Comparative Immunology</i> , 2021, 125, 104209.	2.3	6
51	A diet of fructose-enriched <i>Artemia</i> improves the response of juvenile <i>Litopenaeus vannamei</i> shrimp to acute low-salinity challenge. <i>Aquaculture Research</i> , 2017, 48, 3935-3949.	1.8	5
52	Tuberous sclerosis complex 1 (PvTSC1) participates in ammonia nitrogen induced oxidative stress in <i>Penaeus vannamei</i> by regulating autophagy. <i>Aquaculture</i> , 2021, 533, 736107.	3.5	5
53	Molecular characterization and function analysis of a nucleotide excision repair gene Rad23 from <i>Litopenaeus vannamei</i> after <i>Vibrio alginolyticus</i> challenge. <i>Fish and Shellfish Immunology</i> , 2018, 83, 190-204.	3.6	4
54	Nemo-like kinase (NLK) gene regulates apoptosis via the p53 signaling pathway in <i>Litopenaeus vannamei</i> under low-temperature stress. <i>Developmental and Comparative Immunology</i> , 2022, 131, 104378.	2.3	4

#	ARTICLE	IF	CITATIONS
55	A <i>Litopenaeus vannamei</i> p70S6K gene is involved in the antioxidative and apoptosis under low temperature. <i>Fish and Shellfish Immunology</i> , 2020, 106, 656-665.	3.6	3
56	FABP regulates fatty acid metabolism and oxidative response via PPAR $\alpha$ /RXR signaling in <i>Litopenaeus vannamei</i> following environmental exposure of clofibrac acid. <i>Ecotoxicology</i> , 2021, 30, 954-965.	2.4	3
57	MYC drives autophagy to adapt to stress in <i>Penaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2022, 126, 187-196.	3.6	3
58	Molecular cloning, characterization and expression analysis of S-adenosyl-L-homocysteine hydrolase (SAHH) during the pathogenic infection of <i>Litopenaeus vannamei</i> by <i>Vibrio alginolyticus</i> . <i>Fish and Shellfish Immunology</i> , 2019, 88, 284-292.	3.6	2
59	A Novel Kelch-Like-1 Is Involved in Antioxidant Response by Regulating Antioxidant Enzyme System in <i>Penaeus vannamei</i> . <i>Genes</i> , 2020, 11, 1077.	2.4	2
60	TBC domain family 7-like enhances the tolerance of <i>Penaeus vannamei</i> to ammonia nitrogen by the up-regulation of autophagy. <i>Fish and Shellfish Immunology</i> , 2022, 122, 48-56.	3.6	2
61	LvCdc42 is a potential negative regulator of Lvp53 in <i>Litopenaeus vannamei</i> exposed to <i>Vibrio alginolyticus</i> stress. <i>Developmental and Comparative Immunology</i> , 2018, 82, 113-117.	2.3	1