

# Keyong Jiang

## List of Publications by Year in descending order

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53  
papers

1,175  
citations

361413  
20  
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414414  
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54  
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54  
docs citations

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times ranked

1256  
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#	ARTICLE	IF	CITATIONS
1	Effects of lactic acid bacteria and the corresponding supernatant on the survival, growth performance, immune response and disease resistance of <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2016, 452, 28-36.	3.5	86
2	The intestinal microbial diversity in Chinese shrimp ( <i>Fenneropenaeus chinensis</i> ) as determined by PCR-DGGE and clone library analyses. <i>Aquaculture</i> , 2011, 317, 32-36.	3.5	85
3	Transcriptome, antioxidant enzyme activity and histopathology analysis of hepatopancreas from the white shrimp <i>Litopenaeus vannamei</i> fed with aflatoxin B1 (AFB1). <i>Developmental and Comparative Immunology</i> , 2017, 74, 69-81.	2.3	62
4	Aflatoxin B1 (AFB1) induced dysregulation of intestinal microbiota and damage of antioxidant system in pacific white shrimp ( <i>Litopenaeus vannamei</i> ). <i>Aquaculture</i> , 2018, 495, 940-947.	3.5	62
5	Bacterial Population in Intestines of <i>Litopenaeus vannamei</i> Fed Different Probiotics or Probiotic Supernatant. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1736-1745.	2.1	51
6	Replacement of fishmeal by fermented soybean meal could enhance the growth performance but not significantly influence the intestinal microbiota of white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2019, 504, 354-360.	3.5	50
7	Gut bacterial diversity of farmed sea cucumbers <i>Apostichopus japonicus</i> with different growth rates. <i>Microbiology</i> , 2016, 85, 109-115.	1.2	48
8	Evaluation of biofloc meal as an ingredient in diets for white shrimp <i>Litopenaeus vannamei</i> under practical conditions: Effect on growth performance, digestive enzymes and TOR signaling pathway. <i>Aquaculture</i> , 2017, 479, 516-521.	3.5	48
9	Transcriptomic and morphological analyses of <i>Litopenaeus vannamei</i> intestinal barrier in response to <i>Vibrio parahaemolyticus</i> infection reveals immune response signatures and structural disruption. <i>Fish and Shellfish Immunology</i> , 2017, 70, 437-450.	3.6	47
10	Purification and characterization of a natural lectin from the plasma of the shrimp <i>Fenneropenaeus chinensis</i> . <i>Fish and Shellfish Immunology</i> , 2008, 25, 290-297.	3.6	43
11	Purification and characterisation of a natural lectin from the serum of the shrimp <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2007, 23, 292-299.	3.6	41
12	A comparative study on oxidative stress response in the hepatopancreas and midgut of the white shrimp <i>Litopenaeus vannamei</i> under gradual changes to low or high pH environment. <i>Fish and Shellfish Immunology</i> , 2018, 76, 27-34.	3.6	39
13	Comparative sensitivity of the hepatopancreas and midgut in the white shrimp <i>Litopenaeus vannamei</i> to oxidative stress under cyclic serious/medium hypoxia. <i>Aquaculture</i> , 2018, 490, 44-52.	3.5	34
14	Sensitive and Rapid Detection of Genetic Modified Soybean (Roundup Ready) by Loop-Mediated Isothermal Amplification. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2365-2369.	1.3	32
15	Molecular Cloning of Hemocyanin cDNA from <i>Fenneropenaeus chinensis</i> and Antimicrobial Analysis of Two C-terminal Fragments. <i>Marine Biotechnology</i> , 2014, 16, 46-53.	2.4	29
16	The transcriptomic response to copper exposure by the gill tissue of Japanese scallops ( <i>Mizuhopecten</i> ) TJ ETQq0 0 0 ggBT /Overlock 10 T	3.6	28
17	Adaptation of the white shrimp <i>Litopenaeus vannamei</i> to gradual changes to a low-pH environment. <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 203-210.	6.0	28
18	The transcriptomic response to copper exposure in the digestive gland of Japanese scallops ( <i>Mizuhopecten yessoensis</i> ). <i>Fish and Shellfish Immunology</i> , 2015, 46, 161-167.	3.6	27

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19	Interaction between <i>Lactobacillus pentosus</i> HC-2 and <i>Vibrio parahaemolyticus</i> E1 in <i>Litopenaeus vannamei</i> in vivo and in vitro. <i>Aquaculture</i> , 2016, 465, 117-123.	3.5	24
20	Low temperature stress on the hematological parameters and HSP gene expression in the turbot <i>Scophthalmus maximus</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 430-440.	0.7	23
21	Comparative transcriptome analysis reveals the different roles between hepatopancreas and intestine of <i>Litopenaeus vannamei</i> in immune response to aflatoxin B1 (AFB1) challenge. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 222, 1-10.	2.6	23
22	Analysis of the expression of metabolism-related genes and histopathology of the hepatopancreas of white shrimp <i>Litopenaeus vannamei</i> fed with aflatoxin B1. <i>Aquaculture</i> , 2018, 485, 191-196.	3.5	22
23	Understanding the roles of surface proteins in regulation of <i>Lactobacillus pentosus</i> HC-2 to immune response and bacterial diversity in midgut of <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2019, 86, 1194-1206.	3.6	19
24	Effects of <i>Lactobacillus pentosus</i> HC-2 on the growth performance, intestinal morphology, immune-related genes and intestinal microbiota of <i>Penaeus vannamei</i> affected by aflatoxin B1. <i>Aquaculture</i> , 2020, 525, 735289.	3.5	19
25	Transcriptomic analysis of exosomal shuttle mRNA in Pacific oyster <i>Crassostrea gigas</i> during bacterial stimulation. <i>Fish and Shellfish Immunology</i> , 2018, 74, 540-550.	3.6	18
26	Synthesis and characterization of biodegradable thermoresponsive N-maleyl gelatin-co-P(N-isopropylacrylamide) hydrogel cross-linked with Bis-acrylamide for control release. <i>Colloid and Polymer Science</i> , 2015, 293, 1615-1621.	2.1	17
27	A mitochondrial manganese superoxide dismutase involved in innate immunity is essential for the survival of <i>Chlamys farreri</i> . <i>Fish and Shellfish Immunology</i> , 2018, 72, 282-290.	3.6	16
28	Exploring the influence of the surface proteins on probiotic effects performed by <i>Lactobacillus pentosus</i> HC-2 using transcriptome analysis in <i>Litopenaeus vannamei</i> midgut. <i>Fish and Shellfish Immunology</i> , 2019, 87, 853-870.	3.6	16
29	PCR-DGGE analysis of intestinal bacteria and effect of <i>Bacillus</i> spp. on intestinal microbial diversity in kuruma shrimp ( <i>Marsupenaeus japonicus</i> ). <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 808-814.	0.7	14
30	Mechanistic target of rapamycin inhibition with rapamycin induces autophagy and correlative regulation in white shrimp ( <i>Litopenaeus vannamei</i> ). <i>Aquaculture Nutrition</i> , 2018, 24, 1509-1520.	2.7	12
31	A new method to evaluate the effects of bacterial dosage, infection route and <i>Vibrio</i> strain in experimental challenges of <i>Litopenaeus vannamei</i> , based on the Cox proportional hazard model. <i>Fish and Shellfish Immunology</i> , 2015, 46, 686-692.	3.6	11
32	<i>Litopenaeus vannamei</i> fed diets with different replacement levels of fish meal by fish silage: A molecular approach on intestinal microbiota. <i>Aquaculture Nutrition</i> , 2019, 25, 721-728.	2.7	10
33	A novel LRR-only protein mediates bacterial proliferation in hemolymph through regulating expression of antimicrobial peptides in mollusk <i>Chlamys farreri</i> . <i>Developmental and Comparative Immunology</i> , 2019, 92, 223-229.	2.3	10
34	A comparative transcriptomic analysis in late embryogenesis of the red claw crayfish <i>Cherax quadricarinatus</i> . <i>Molecular Genetics and Genomics</i> , 2020, 295, 299-311.	2.1	9
35	The influence of surface proteins on the probiotic effects of <i>Lactobacillus pentosus</i> HC-2 in the <i>Litopenaeus vannamei</i> hepatopancreas. <i>Fish and Shellfish Immunology</i> , 2019, 92, 119-124.	3.6	8
36	A preliminary attempt to explore the potential functions of a tetraspanin gene (MmTSPAN) in the innate immunity of hard clam <i>Meretrix meretrix</i> : Sequence features and expression profiles. <i>Fish and Shellfish Immunology</i> , 2019, 88, 135-141.	3.6	8

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37	Exploration of the influence of surface proteins on the probiotic activity of <i>Lactobacillus pentosus</i> HC-2 in the <i>Litopenaeus vannamei</i> midgut via label-free quantitative proteomic analysis. <i>Fish and Shellfish Immunology</i> , 2019, 95, 368-382.	3.6	7
38	Response of the <i>Litopenaeus vananmei</i> intestinal bacteria and antioxidant system to rearing density and exposure to <i>Vibrio paraheamolyticus</i> E1. <i>Journal of Invertebrate Pathology</i> , 2020, 170, 107326.	3.2	7
39	Effect of dietary supplementation of vitamin C on growth, reactive oxygen species, and antioxidant enzyme activity of <i>Apostichopus japonicus</i> (Selenka) juveniles exposed to nitrite. <i>Chinese Journal of Oceanology and Limnology</i> , 2014, 32, 749-763.	0.7	6
40	Rice Bran Expressing a Shrimp Antimicrobial Peptide Confers Delayed Spoilage of Fish Feed and Resistance of <i>Tilapia</i> to <i>Aeromonas hydrophila</i> . <i>Journal of the World Aquaculture Society</i> , 2014, 45, 269-278.	2.4	6
41	Comparative study of Î²-thymosin in two scallop species <i>Argopecten irradians</i> and <i>Chlamys farreri</i> . <i>Fish and Shellfish Immunology</i> , 2019, 86, 516-524.	3.6	6
42	The eco-nutrition requirements for dietary protein and its rhomb characteristics in juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 1002-1008.	0.7	5
43	Identification and Profiling of MicroRNAs During Embryogenesis in the Red Claw Crayfish <i>Cherax quadricarinatus</i> . <i>Frontiers in Physiology</i> , 2020, 11, 878.	2.8	4
44	Molecular and functional characterization of <i>Raptor</i> in mTOR pathway from <i>Litopenaeus vannamei</i> . <i>Aquaculture Research</i> , 2020, 51, 2179-2189.	1.8	3
45	Cloning of the cDNA encoding adenosine 5â€²-monophosphate deaminase 1 and its mRNA expression in Japanese flounder <i>Paralichthys olivaceus</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 118-127.	0.7	2
46	Purification and identification of a clotting protein from the hemolymph of Chinese shrimp ( <i>Fenneropenaeus chinensis</i> ). <i>Journal of Ocean University of China</i> , 2013, 12, 477-483.	1.2	2
47	A global view of hepatopancreas and intestinal reveals the potential influencing mechanism of aflatoxin B1 on nutrition and metabolism in <i>Litopenaeus vannamei</i> . <i>Aquaculture Nutrition</i> , 2019, 25, 1354-1366.	2.7	2
48	Characterization and function analysis of a Kazal-type serine proteinase inhibitor in the red claw crayfish <i>Cherax quadricarinatus</i> . <i>Developmental and Comparative Immunology</i> , 2021, 114, 103871.	2.3	2
49	Comparative analysis of different density restrictions reveals the potential influence mechanism on the compensatory growth of <i>Litopenaeus vannamei</i> . <i>Aquaculture Research</i> , 2022, 53, 2629-2644.	1.8	2
50	Statistical optimization of medium composition and culture condition for the production of recombinant anti-lipopolysaccharide factor of <i>Eriocheir sinensis</i> in <i>Escherichia coli</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 1249-1259.	0.7	1
51	Effects of the non-chlorine oxidizer potassium monopersulfate on the water quality, growth performance and microbial community of Pacific white shrimp ( <i>Penaeus vannamei</i> ) culture systems with limited water exchange. <i>Aquaculture Research</i> , 0, , .	1.8	1
52	Peptidomic analysis of Chinese shrimp ( <i>Fenneropenaeus chinensis</i> ) hemolymph by magnetic bead-based MALDI-TOF MS. <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 407-415.	0.7	0
53	Effect of all-nutrient broken yeast on nonspecific immunity and intestinal flora of sea cucumber <i>Apostichopus japonicus</i> . <i>Journal of Fishery Sciences of China</i> , 2013, 19, 641-646.	0.2	0