Xiang-Fei Li

List of Publications by Year in Descending Order

94 papers	1,886 citations	26 h-index	41 g-index
100 ext. papers	2,362 ext. citations	3.5 avg, IF	4.92 L-index

#	Paper	IF	Citations
94	Molecular characterization of farnesoid X receptor in Megalobrama amblycephala and its potential roles in high-carbohydrate diet-induced alterations of bile acid metabolism.. *Journal of Steroid Biochemistry and Molecular Biology*, **2022**, 219, 106065	5.1	0
93	A time-course study of the effects of a high-carbohydrate diet on the growth performance, glycolipid metabolism and mitochondrial biogenesis and function of blunt snout bream (Megalobrama amblycephala). *Aquaculture*, **2022**, 738011	4.4	1
92	Evaluation of dietary linoleic acid on growth as well as hepatopancreatic index, lipid accumulation oxidative stress and inflammation in Chinese mitten crabs (Eriocheir sinensis). *Aquaculture Reports*, **2022**, 22, 100983	2.3	1
91	Protective effects of dietary icariin on lipopolysaccharide-induced acute oxidative stress and hepatopancreas injury in Chinese mitten crab, Eriocheir sinensis. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2022**, 251, 109192	3.2	
90	NLRP3 is a promising target for regulating high glucose-induced inflammatory response in Megalobrama amblycephala. *Aquaculture*, **2022**, 738220	4.4	
89	The Mechanism of Lipopolysaccharide Escaping the Intestinal Barrier in Fed a High-Fat Diet.. *Frontiers in Nutrition*, **2022**, 9, 853409	6.2	1
88	Dietary 18-carbon fatty acid unsaturation improves the muscle fiber development and meat quality of Megalobrama amblycephala. *Aquaculture Reports*, **2022**, 24, 101127	2.3	1
87	Utilization of pelleted and extruded feed by blunt snout bream Megalobrama amblycephala: Insights from growth performance, health status and feed cost. *Journal of Animal Physiology and Animal Nutrition*, **2021**, 105, 1203-1213	2.6	0
86	Interactions between dietary carbohydrate and thiamine: implications on the growth performance and intestinal mitochondrial biogenesis and function of. *British Journal of Nutrition*, **2021**, 1-14	3.6	1
85	Carbonyl cyanide 3-chlorophenylhydrazone induced the imbalance of mitochondrial homeostasis in the liver of Megalobrama amblycephala: A dynamic study. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2021**, 244, 109003	3.2	0
84	Dietary supplementation of glycyrrhetinic acid benefit growth performance and lipid metabolism in blunt snout bream (Megalobrama amblycephala) juveniles. *Aquaculture Nutrition*, **2021**, 27, 407-416	3.2	
83	Effects of dietary icariin supplementation on the ovary development-related transcriptome of Chinese mitten crab (Eriocheir sinensis). *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2021**, 37, 100756	2	2
82	Benfotiamine ameliorates high-carbohydrate diet-induced hepatic oxidative stress, inflammation and apoptosis in Megalobrama amblycephala. *Aquaculture Research*, **2021**, 52, 3174-3185	1.9	2
81	Partial replacement of dietary fish oil by beef tallow does not impair antioxidant capacity and innate immunity of red swamp crayfish, Procambarus clarkii. *Aquaculture Research*, **2021**, 52, 3310-3321	1.9	
80	High-Carbohydrate Diet Alleviates the Oxidative Stress, Inflammation and Apoptosis of Following Dietary Exposure to Silver Nanoparticles. *Antioxidants*, **2021**, 10,	7.1	3
79	High lipid and high carbohydrate diets affect muscle growth of blunt snout bream (Megalobrama amblycephala) through different signaling pathways. *Aquaculture*, **2021**, 548, 737495	4.4	1
78	Molecular characterization of thioredoxin-interacting protein (TXNIP) from Megalobrama amblycephala and its potential roles in high glucose-induced inflammatory response. *International Journal of Biological Macromolecules*, **2021**, 188, 460-472	7.9	2

77	Identification of potential pathways whereby dietary L-tryptophan ameliorates the glucose metabolic disorder of blunt snout bream through long non-coding RNAs. *Aquaculture*, **2021**, 545, 737256	4.4	1
76	Dietary berberine can ameliorate glucose metabolism disorder of Megalobrama amblycephala exposed to a high-carbohydrate diet. *Fish Physiology and Biochemistry*, **2021**, 47, 499-513	2.7	4
75	Nicotinamide improves the growth performance, intermediary metabolism and glucose homeostasis of blunt snout bream Megalobrama amblycephala fed high-carbohydrate diets. *Aquaculture Nutrition*, **2020**, 26, 1311-1328	3.2	4
74	Utilization of raw and gelatinized starch by blunt snout bream Megalobrama amblycephala as evidenced by the glycolipid metabolism, glucose tolerance and mitochondrial function. *Aquaculture* , **2020**, 529, 735603	4.4	6
73	Excess DHA Induces Cell Cycle Arrest by Activating the P53/Cycling Pathway in Blunt Snout Bream (Megalobrama amblycephala). *Frontiers in Marine Science*, **2020**, 7,	4.5	3
72	Dietary lipid sources modulate the intestinal transport of fatty acids in the red swamp crayfish Procambarus clarkii. *Aquaculture*, **2020**, 521, 735091	4.4	9
71	Restricted feeding benefits the growth performance and glucose homeostasis of blunt snout bream Megalobrama amblycephala fed high-carbohydrate diets. *Aquaculture Reports*, **2020**, 18, 100513	2.3	1
70	Insulin-like growth factor I of Yellow catfish (Pelteobagrus fulvidraco): cDNA characterization, tissue distribution, and expressions in response to starvation and refeeding. *Fish Physiology and Biochemistry*, **2020**, 46, 177-186	2.7	0
69	Influences of glycyrrhetinic acid (GA) dietary supplementation on growth, feed utilization, and expression of lipid metabolism genes in channel catfish (Ictalurus punctatus) fed a high-fat diet. *Fish Physiology and Biochemistry*, **2020**, 46, 653-663	2.7	3
68	Effects of dietary docosahexaenoic acid on growth performance, fatty acid profile and lipogenesis of blunt snout bream (Megalobrama amblycephala). *Aquaculture Nutrition*, **2020**, 26, 502-515	3.2	5
67	Dietary DHA affects muscle fiber development by activating AMPK/Sirt1 pathway in blunt snout bream (Megalobrama amblycephala). *Aquaculture*, **2020**, 518, 734835	4.4	8
66	Dietary raw starch to gelatinized starch ratios: Effects on the growth performance, digestive functions, intestinal histology and growth hormone-insulin-like growth factor-I axis of blunt snout bream Megalobrama amblycephala. *Aquaculture Research*, **2020**, 51, 707-718	1.9	2
65	Transcriptional regulation of the AMP-activated protein kinase and glycolipid metabolism-related genes by insulin and glucagon in blunt snout bream (Megalobrama amblycephala): A comparative study. *Aquaculture*, **2020**, 515, 734553	4.4	5
64	Regulation of growth, intestinal microflora composition and expression of immune-related genes by dietary supplementation of Streptococcus faecalis in blunt snout bream (Megalobrama amblycephala). *Fish and Shellfish Immunology*, **2020**, 105, 195-202	4.3	1
63	Combined effects of dietary quercetin and resveratrol on growth performance, antioxidant capability and innate immunity of blunt snout bream (Megalobrama amblycephala). *Animal Feed Science and Technology*, **2019**, 256, 114268	3	15
62	Selection of reference genes for miRNA quantitative PCR and its application in miR-34a/Sirtuin-1 mediated energy metabolism in Megalobrama amblycephala. *Fish Physiology and Biochemistry*, **2019**, 45, 1663-1681	2.7	3
61	Photoperiod affects blunt snout bream (Megalobrama amblycephala) growth, diel rhythm of cortisol, activities of antioxidant enzymes and mRNA expression of GH/IGF-I. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2019**, 233, 4-10	2.3	7
60	Chronic inflammation is a key to inducing liver injury in blunt snout bream (Megalobrama amblycephala) fed with high-fat diet. *Developmental and Comparative Immunology*, **2019**, 97, 28-37	3.2	38

59	Feeding restriction alleviates high carbohydrate diet-induced oxidative stress and inflammation of Megalobrama amblycephala by activating the AMPK-SIRT1 pathway. *Fish and Shellfish Immunology*, **2019**, 92, 637-648	4.3	20
58	Metformin improves the glucose homeostasis of Wuchang bream fed high-carbohydrate diets: a dynamic study. *Endocrine Connections*, **2019**, 8, 182-194	3.5	5
57	Glucose-6-phosphate dehydrogenase in blunt snout bream Megalobrama amblycephala: molecular characterization, tissue distribution, and the responsiveness to dietary carbohydrate levels. *Fish Physiology and Biochemistry*, **2019**, 45, 401-415	2.7	5
56	Regulation of mitochondrial biosynthesis and function by dietary carbohydrate levels and lipid sources in juvenile blunt snout bream Megalobrama amblycephala. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2019**, 227, 14-24	2.6	7
55	Xylooligosaccharides benefits the growth, digestive functions and TOR signaling in Megalobrama amblycephala fed diets with fish meal replaced by rice protein concentrate. *Aquaculture*, **2019**, 500, 417-428	4.4	21
54	Dietary supplementation of Streptococcus faecalis benefits the feed utilization, antioxidant capability, innate immunity, and disease resistance of blunt snout bream (Megalobrama amblycephala). *Fish Physiology and Biochemistry*, **2019**, 45, 643-656	2.7	4
53	Dietary fructooligosaccharide can mitigate the negative effects of immunity on Chinese mitten crab fed a high level of plant protein diet. *Fish and Shellfish Immunology*, **2019**, 84, 100-107	4.3	15
52	Dietary supplementation of xylooligosaccharides benefits the growth performance and lipid metabolism of common carp (Cyprinus carpio) fed high-fat diets. *Aquaculture Nutrition*, **2018**, 24, 1416-1424	3.2	12
51	Fishmeal replacement by rice protein concentrate with xylooligosaccharides supplement benefits the growth performance, antioxidant capability and immune responses against Aeromonas hydrophila in blunt snout bream (Megalobrama amblycephala). *Fish and Shellfish Immunology*, **2018**, 78, 177-186	4.3	34
50	Growth performance, digestion and metabolism to fish meal replacement by rice protein concentrate in Chinese soft-shelled turtle Pelodiscus sinensis. *Aquaculture*, **2018**, 492, 321-326	4.4	8
49	Molecular cloning of adipose triglyceride lipase (ATGL) gene from blunt snout bream and its expression after LPS-induced TNF- factor. *Fish Physiology and Biochemistry*, **2018**, 44, 1143-1157	2.7	5
48	Different preference is modulated by the feeding stimulants supplementation in different Chinese soft-shelled turtle (Pelodiscus sinensis) basic diets. *Aquaculture Nutrition*, **2018**, 24, 195-203	3.2	7
47	Effects of complete fish meal replacement by rice protein concentrate with or without lysine supplement on growth performance, muscle development and flesh quality of blunt snout bream (Megalobrama amblycephala). *Aquaculture Nutrition*, **2018**, 24, 481-491	3.2	32
46	Interactions between dietary carbohydrate and metformin: Implications on energy sensing, insulin signaling pathway, glycolipid metabolism and glucose tolerance in blunt snout bream Megalobrama amblycephala. *Aquaculture*, **2018**, 483, 183-195	4.4	47
45	Resveratrol supplementation improves lipid and glucose metabolism in high-fat diet-fed blunt snout bream. *Fish Physiology and Biochemistry*, **2018**, 44, 163-173	2.7	29
44	Molecular Characterization of the RNA-Binding Protein Quaking-a in : Response to High-Carbohydrate Feeding and Glucose/Insulin/Glucagon Treatment. *Frontiers in Physiology*, **2018**, 9, 434	4.6	7
43	Lysine supplement benefits the growth performance, protein synthesis, and muscle development of Megalobrama amblycephala fed diets with fish meal replaced by rice protein concentrate. *Fish Physiology and Biochemistry*, **2018**, 44, 1159-1174	2.7	12
42	Effects of dietary glucose and starch levels on the growth, apparent digestibility, and skin-associated mucosal non-specific immune parameters in juvenile blunt snout bream (Megalobrama amblycephala). *Fish and Shellfish Immunology*, **2018**, 79, 193-201	4.3	16

41	Benfotiamine, a Lipid-Soluble Analog of Vitamin B, Improves the Mitochondrial Biogenesis and Function in Blunt Snout Bream () Fed High-Carbohydrate Diets by Promoting the AMPK/PGC-1/NRF-1 Axis. *Frontiers in Physiology*, **2018**, 9, 1079	4.6	7
40	Resveratrol Improves the Energy Sensing and Glycolipid Metabolism of Blunt Snout Bream Fed High-Carbohydrate Diets by Activating the AMPK-SIRT1-PGC-1Network. *Frontiers in Physiology*, **2018**, 9, 1258	4.6	26
39	The mechanism of action of a fat regulator: Glycyrrhetinic acid (GA) stimulating fatty acid transmembrane and intracellular transport in blunt snout bream (Megalobrama amblycephala). *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2018**, 226, 83-90	2.6	11
38	AMP-activated protein kinase in Megalobrama amblycephala: Molecular characterization and the transcriptional modulation by nutrient restriction and glucose and insulin loadings. *General and Comparative Endocrinology*, **2018**, 267, 66-75	3	12
37	Effects of dietary selenium on the growth, selenium status, antioxidant activities, muscle composition and meat quality of blunt snout bream, Megalobrama amblycephala. *Aquaculture Nutrition*, **2017**, 23, 777-787	3.2	21
36	Molecular characterization of AMP-activated protein kinase from herbivorous fish Megalobrama amblycephala and responsiveness to glucose loading and dietary carbohydrate levels. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2017**, 208, 24-34	2.6	18
35	Long-term administration of benfotiamine benefits the glucose homeostasis of juvenile blunt snout bream Megalobrama amblycephala fed a high-carbohydrate diet. *Aquaculture*, **2017**, 470, 74-83	4.4	27
34	Dietary carbohydrate levels and lipid sources modulate the growth performance, fatty acid profiles and intermediary metabolism of blunt snout bream Megalobrama amblycephala in an interactive pattern. *Aquaculture*, **2017**, 481, 140-153	4.4	30
33	Effects of dietary fructooligosaccharide on the growth, antioxidants, immunity and disease resistance of Chinese mitten crab. *Aquaculture*, **2017**, 481, 154-161	4.4	17
32	Effects of dietary biotin on growth performance and fatty acids metabolism in blunt snout bream, Megalobrama amblycephala fed with different lipid levels diets. *Aquaculture*, **2017**, 479, 790-797	4.4	18
31	Dietary niacin requirement of juvenile blunt snout bream Megalobrama amblycephala based on a doseesponse study. *Aquaculture Nutrition*, **2017**, 23, 1410-1417	3.2	7
30	Molecular characterization of fructose-1,6-bisphosphatase 1b in blunt snout bream Megalobrama amblycephala and the transcriptional response to glucose loading after the adaptation to high-carbohydrate diets. *Fish Physiology and Biochemistry*, **2017**, 43, 1337-1349	2.7	5
29	Feeding rates affect growth, intestinal digestive and absorptive capabilities and endocrine functions of juvenile blunt snout bream Megalobrama amblycephala. *Fish Physiology and Biochemistry*, **2016**, 42, 689-700	2.7	31
28	Effects of fish meal replacement with animal protein blend on growth performance, nutrient digestibility and body composition of juvenile Chinese soft-shelled turtle Pelodiscus sinensis. *Aquaculture Nutrition*, **2016**, 22, 315-325	3.2	7
27	Feeding rates affect stress and non-specific immune responses of juvenile blunt snout bream Megalobrama amblycephala subjected to hypoxia. *Fish and Shellfish Immunology*, **2016**, 49, 298-305	4.3	11
26	Molecular characterization and expression analysis of glucokinase from herbivorous fish Megalobrama amblycephala subjected to a glucose load after the adaption to dietary carbohydrate levels. *Aquaculture*, **2016**, 459, 89-98	4.4	38
25	Dietary vitamin B12 requirement of fingerling blunt snout bream Megalobrama amblycephala determined by growth performance, digestive and absorptive capability and status of the GH-IGF-I axis. *Aquaculture*, **2016**, 464, 647-653	4.4	9
24	Effects of dietary choline supplementation on growth performance, lipid deposition and intestinal enzyme activities of blunt snout bream Megalobrama amblycephal fed high-lipid diet. *Aquaculture Nutrition*, **2016**, 22, 181-190	3.2	11

23	Cloning and characterization of microsomal triglyceride transfer protein gene and its potential connection with peroxisome proliferator-activated receptor (PPAR) in blunt snout bream (Megalobrama amblycephala). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2015**, 189, 23-33	2.3	1
22	Effects of fructooligosaccharide on immune response, antioxidant capability and HSP70 and HSP90 expressions of blunt snout bream (Megalobrama amblycephala) under high ammonia stress. *Fish Physiology and Biochemistry*, **2015**, 41, 203-17	2.7	41
21	A global transcriptional analysis of Megalobrama amblycephala revealing the molecular determinants of diet-induced hepatic steatosis. *Gene*, **2015**, 570, 255-63	3.8	9
20	Combined effects of dietary fructooligosaccharide and Bacillus licheniformis on growth performance, body composition, intestinal enzymes activities and gut histology of triangular bream (Megalobrama terminalis). *Aquaculture Nutrition*, **2015**, 21, 755-766	3.2	40
19	Optimum feeding frequency of juvenile blunt snout bream Megalobrama amblycephala. *Aquaculture*, **2015**, 437, 60-66	4.4	28
18	Effects of dietary pantothenic acid on growth, intestinal function, anti-oxidative status and fatty acids synthesis of juvenile blunt snout bream Megalobrama amblycephala. *PLoS ONE*, **2015**, 10, e0119518	3.7	53
17	Feeding frequency affects stress, innate immunity and disease resistance of juvenile blunt snout bream Megalobrama amblycephala. *Fish and Shellfish Immunology*, **2014**, 38, 80-7	4.3	39
16	Effects of dietary choline supplementation on growth performance and hepatic lipid transport in blunt snout bream (Megalobrama amblycephala) fed high-fat diets. *Aquaculture*, **2014**, 434, 340-347	4.4	33
15	Effects of dietary fructooligosaccharide levels and feeding modes on growth, immune responses, antioxidant capability and disease resistance of blunt snout bream (Megalobrama amblycephala). *Fish and Shellfish Immunology*, **2014**, 41, 560-9	4.3	39
14	Association of mitochondrial dysfunction with oxidative stress and immune suppression in Blunt Snout Bream Megalobrama amblycephala fed a high-fat diet. *Journal of Aquatic Animal Health*, **2014**, 26, 100-12	2.6	37
13	Effects of Dietary Nutrient Composition on Compensatory Growth of Juvenile Blunt Snout Bream Megalobrama amblycephala. *North American Journal of Aquaculture*, **2014**, 76, 55-60	1.5	5
12	The effects of fructooligosaccharide on the immune response, antioxidant capability and HSP70 and HSP90 expressions in blunt snout bream (Megalobrama amblycephala Yih) under high heat stress. *Aquaculture*, **2014**, 433, 458-466	4.4	32
11	Dietary biotin requirement of juvenile blunt snout bream, Megalobrama amblycephala. *Aquaculture Nutrition*, **2014**, 20, 616-622	3.2	9
10	Alterations of liver histology and blood biochemistry in blunt snout bream Megalobrama amblycephala fed high-fat diets. *Fisheries Science*, **2013**, 79, 661-671	1.9	66
9	Combined effects of dietary fructooligosaccharide and Bacillus licheniformis on innate immunity, antioxidant capability and disease resistance of triangular bream (Megalobrama terminalis). *Fish and Shellfish Immunology*, **2013**, 35, 1380-6	4.3	131
8	Molecular characterization of lipoprotein lipase from blunt snout bream Megalobrama amblycephala and the regulation of its activity and expression by dietary lipid levels. *Aquaculture*, **2013**, 416-417, 23-32	4.4	22
7	Hepatic triacylglycerol secretion, lipid transport and tissue lipid uptake in blunt snout bream (Megalobrama amblycephala) fed high-fat diet. *Aquaculture*, **2013**, 408-409, 160-168	4.4	98
6	Effects of dietary supplementation of fructooligosaccharide on growth performance, body composition, intestinal enzymes activities and histology of blunt snout bream (Megalobrama amblycephala) fingerlings. *Aquaculture Nutrition*, **2013**, 19, 886-894	3.2	64

5	Effects of dietary carbohydrate/lipid ratios on growth performance, body composition and glucose metabolism of fingerling blunt snout bream Megalobrama amblycephala. *Aquaculture Nutrition*, **2013**, 19, 701-708	3.2	85
4	Effects of different dietary glycyrrhetinic acid (GA) levels on growth, body composition and plasma biochemical index of juvenile channel catfish, Ictalurus punctatus. *Aquaculture*, **2012**, 338-341, 167-171	4.4	8
3	Dietary carbohydrate/lipid ratios affect stress, oxidative status and non-specific immune responses of fingerling blunt snout bream, Megalobrama amblycephala. *Fish and Shellfish Immunology*, **2012**, 33, 316-23	4.3	97
2	Protein-sparing effect of dietary lipid in practical diets for blunt snout bream (Megalobrama amblycephala) fingerlings: effects on digestive and metabolic responses. *Fish Physiology and Biochemistry*, **2012**, 38, 529-41	2.7	116
1	Effects of dietary protein and lipid levels in practical diets on growth performance and body composition of blunt snout bream (Megalobrama amblycephala) fingerlings. *Aquaculture*, **2010**, 303, 65-70	4.4	110