

Xing Lu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

412
citations

759233

12
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of creatine supplementation on the myofiber characteristics and muscle protein synthesis of grass carp (<i>Ctenopharyngodon idellus</i>). <i>British Journal of Nutrition</i> , 2022, , 1-45.	2.3	1
2	Generation of Knockout and Transgenic Zebrafish to Characterize Abcc4 Functions in Detoxification and Efflux of Lead. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2054.	4.1	6
3	Adaptations of hepatic lipid and glucose metabolism in response to high-macronutrient diets in juvenile grass carp. <i>Aquaculture Nutrition</i> , 2021, 27, 1738-1749.	2.7	10
4	Creatine improves the flesh quality of Pacific white shrimp (<i>Litopenaeus vannamei</i>) reared in freshwater. <i>Food Chemistry</i> , 2021, 354, 129498.	8.2	41
5	Effect of lipid sources on growth performance, muscle composition, haemolymph biochemical indices and digestive enzyme activities of red swamp crayfish (<i>Procambarus clarkii</i>). <i>Aquaculture Nutrition</i> , 2021, 27, 1996-2006.	2.7	2
6	Dietary vitamin E requirement of sub-adult genetically improved farmed tilapia strain of Nile tilapia (<i>Oreochromis niloticus</i>) reared in freshwater. <i>Aquaculture Nutrition</i> , 2020, 26, 233-241.	2.7	6
7	Epigenetic dysregulation of Mdr1b in the blood-testis barrier contributes to dyszoospermia in mice exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110142.	6.0	13
8	AMPK activation by dietary AICAR affects the growth performance and glucose and lipid metabolism in juvenile grass carp. <i>Aquaculture Nutrition</i> , 2020, 26, 3-14.	2.7	12
9	Effects of dietary niacin on liver health in genetically improved farmed tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.7	10
10	Effects of dietary protein levels on growth, muscle composition, digestive enzymes activities, hemolymph biochemical indices and ovary development of pre-adult red swamp crayfish (<i>Procambarus</i>) Tj ETQq0 0.07rgBT /Overlock 10 T	2.7	10
11	Effects of ferulic acid on growth performance, immunity and antioxidant status in genetically improved farmed tilapia (<i>Oreochromis niloticus</i>) fed oxidized fish oil. <i>Aquaculture Nutrition</i> , 2020, 26, 1431-1442.	2.7	20
12	The effects of high-macronutrient (protein, fat and carbohydrate) diets on growth performance and muscular metabolic responses in grass carp. <i>Aquaculture Nutrition</i> , 2020, 26, 2135-2146.	2.7	6
13	A comparative study on protein-sparing effects among juvenile <i>Erythroculter ilishaeformis</i> line, <i>Ancherythroculter nigrocauda</i> line and their hybrid F ₁ fed diets with different protein to carbohydrate ratios. <i>Aquaculture Nutrition</i> , 2020, 26, 993-1006.	2.7	6
14	Transcriptional response of zebrafish larvae exposed to lindane reveals two detoxification genes of ABC transporter family (abcg5 and abcg8). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 232, 108755.	2.6	8
15	Effects of dietary manipulation on compensatory growth of juvenile genetically improved farmed tilapia (<i>Oreochromis niloticus</i>). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 21-32.	2.3	9
16	Microcystin-LR-regulated transcriptome dynamics in ZFL cells. <i>Aquatic Toxicology</i> , 2019, 212, 222-232.	4.0	11
17	Comparative analysis of growth performance and liver transcriptome response of juvenile <i>Ancherythroculter nigrocauda</i> fed diets with different protein levels. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 31, 100592.	1.0	7
18	Histone Demethylase KDM4B Promotes DNA Damage by Activating Long Interspersed Nuclear Element-1. <i>Cancer Research</i> , 2019, 79, 86-98.	0.9	25

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19	Dietary phosphatidylcholine impacts on growth performance and lipid metabolism in adult Genetically Improved Farmed Tilapia (GIFT) strain of Nile tilapia (<i>Oreochromis niloticus</i>). <i>British Journal of Nutrition</i> , 2018, 119, 12-21.	2.3	16
20	Effect of stocking density on growth performance, serum biochemical parameters, and muscle texture properties of genetically improved farm tilapia, <i>Oreochromis niloticus</i> . <i>Aquaculture International</i> , 2018, 26, 1247-1259.	2.2	49
21	Molecular cloning and gene/protein expression of FAT/CD36 from grass carp (<i>Ctenopharyngodon</i>) Tj ETQq1 1 0.784314 rgBT /Overload. <i>Aquaculture International</i> , 2018, 26, 875-888.	2.3	21
22	Semisynthetic ferulic acid derivative: an efficient feed additive for Genetically Improved Farmed Tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture Research</i> , 2017, 48, 5017-5028.	1.8	23
23	Transcriptomic characterization of zebrafish larvae in response to mercury exposure. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 192, 40-49.	2.6	11
24	Growth arrest specific gene 2 in tilapia (<i>Oreochromis niloticus</i>): molecular characterization and functional analysis under low-temperature stress. <i>BMC Molecular Biology</i> , 2017, 18, 18.	3.0	6
25	Identification of a C-type lectin from tilapia (<i>Oreochromis niloticus</i>) and its functional characterization under low-temperature stress. <i>Fish and Shellfish Immunology</i> , 2016, 58, 631-640.	3.6	9
26	Zebrafish Abcb4 is a potential efflux transporter of microcystin-LR. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 167, 35-42.	2.6	23
27	Characterization of Zebrafish Abcc4 as an Efflux Transporter of Organochlorine Pesticides. <i>PLoS ONE</i> , 2014, 9, e111664.	2.5	24
28	RNA-Seq Identifies Key Reproductive Gene Expression Alterations in Response to Cadmium Exposure. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	18
29	Genome-wide identification and expression analysis of Bcl-2 gene family under low-temperature stress in tilapia (<i>Oreochromis niloticus</i>). <i>Israeli Journal of Aquaculture - Bamidgeh</i> , 0, 72, .	0.0	1