

Mukhtar A Khan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8724090/publications.pdf>

Version: 2024-02-01

87
papers

1,889
citations

236612

25
h-index

329751

37
g-index

87
all docs

87
docs citations

87
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary thiamin requirement of fingerling major carp <i>Catla catla</i> (Hamilton). <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 939-946.	1.0	4
2	Estimation of dietary copper requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton). <i>Aquaculture</i> , 2022, 549, 737742.	1.7	6
3	Effects of dietary pantothenic acid on growth performance, intestinal enzyme activity, non-specific immune response, antioxidant capacity, hematological parameters, carcass composition and liver pantothenic acid concentration of fingerling <i>Catla, Catla catla</i> (Hamilton). <i>Animal Feed Science and Technology</i> , 2022, 285, 115245.	1.1	3
4	Effects of dietary lipid levels on growth, feed utilization, RNA/DNA ratio, digestive tract enzyme activity, non-specific immune response and optimum inclusion in feeds for fingerlings of rohu, <i>Labeo rohita</i> (Hamilton). <i>Aquaculture</i> , 2022, 554, 738114.	1.7	13
5	Dietary threonine requirement of fingerling <i>Channa punctatus</i> (Bloch) based on growth, feed conversion, protein retention efficiency, hematological parameters, and biochemical composition. <i>Aquaculture</i> , 2022, 560, 738504.	1.7	6
6	Effects of dietary cyanocobalamin on growth performance, non-specific immune response, antioxidant capacity, haematological parameters, body composition and liver cyanocobalamin concentration of fingerling major carp, <i>Catla catla</i> (Hamilton). <i>Aquaculture Nutrition</i> , 2021, 27, 604-614.	1.1	10
7	Effects of dietary magnesium supplementation on growth, feed utilization, nucleic acid ratio and antioxidant status of fingerling <i>Heteropneustes fossilis</i> . <i>Animal Feed Science and Technology</i> , 2021, 273, 114819.	1.1	6
8	Dietary niacin requirement of fingerling Indian major carp <i>Catla catla</i> Hamilton. <i>Aquaculture Nutrition</i> , 2021, 27, 1482-1493.	1.1	10
9	Dietary manganese requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton) estimated by growth, tissue manganese concentration and hepatic manganese-superoxide dismutase activity. <i>Aquaculture</i> , 2021, 540, 736734.	1.7	12
10	Optimization of dietary pyridoxine improved growth performance, hematological indices, antioxidant capacity, intestinal enzyme activity, non-specific immune response, and liver pyridoxine concentration of fingerling major carp <i>Catla catla</i> (Hamilton). <i>Aquaculture</i> , 2021, 541, 736815.	1.7	13
11	Dietary vitamin C requirement based on growth performance, non-specific immune response, antioxidant capacity, and liver vitamin C concentration of fingerling <i>Channa punctatus</i> (Bloch). <i>Animal Feed Science and Technology</i> , 2021, 280, 115058.	1.1	5
12	Requirement of fingerling <i>Channa punctatus</i> (Bloch) for dietary lysine based on growth, feed conversion and lysine retention efficiency, RNA/DNA ratio, haematological parameters and serum antioxidant activity. <i>Aquaculture Nutrition</i> , 2021, 27, 140-150.	1.1	4
13	Dietary copper requirement of fingerling <i>Heteropneustes fossilis</i> for formulating copper-balanced commercial feeds. <i>Aquaculture Nutrition</i> , 2020, 26, 248-260.	1.1	6
14	Effects of dietary iron on growth, haematology, oxidative stress and hepatic ascorbic acid concentration of stinging catfish <i>Heteropneustes fossilis</i> . <i>Aquaculture</i> , 2020, 516, 734642.	1.7	29
15	Roles of arginine in fish nutrition and health: insights for future researches. <i>Reviews in Aquaculture</i> , 2020, 12, 2091-2108.	4.6	43
16	Dietary folic acid requirement of fingerling <i>Catla, Catla catla</i> (Hamilton). <i>Aquaculture Nutrition</i> , 2020, 26, 1035-1045.	1.1	12
17	Dietary calcium requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton) based on growth performance, tissue mineralization, whole body, and serum biochemical composition. <i>Aquaculture International</i> , 2020, 28, 1125-1139.	1.1	4
18	Dietary folic acid requirement of fingerling <i>Channa punctatus</i> (Bloch) based on growth, protein productive value and liver folic acid concentrations. <i>Animal Feed Science and Technology</i> , 2020, 262, 114397.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Effect of dietary isoleucine level on growth, protein retention efficiency, haematological parameter, lysozyme activity and serum antioxidant status of fingerling <i>Channa punctatus</i> (Bloch). <i>Aquaculture Nutrition</i> , 2020, 26, 908-920.	1.1	17
20	Dietary Biotin Requirement of Fingerling <i>Catla catla</i> (Hamilton) Based on Growth, Feed Conversion Efficiency, and Liver Biotin Concentration. <i>Journal of the World Aquaculture Society</i> , 2019, 50, 674-683.	1.2	8
21	Quantification of dietary inositol requirement for fingerling <i>Channa punctatus</i> (Bloch) based on growth, antioxidant status, hematological tools and liver inositol concentration. <i>Aquaculture</i> , 2019, 512, 734280.	1.7	17
22	Effects of different levels of dietary cyanocobalamin on growth, liver cyanocobalamin concentration, antioxidant capacity, intestinal enzymes and non-specific immune response for optimum inclusion in the commercial feeds of fingerling <i>Channa punctatus</i> (Bloch). <i>Aquaculture</i> , 2019, 511, 734272.	1.7	15
23	Quantification of dietary calcium requirement of fingerling <i>Heteropneustes fossilis</i> based on growth, feed conversion efficiency, mineralization and serum alkaline phosphatase activity. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1959-1968.	1.0	6
24	Growth, body composition, mineralisation and Na ⁺ /K ⁺ -ATPase activity of fingerling <i>Heteropneustes fossilis</i> (Bloch) fed diets with different levels of potassium. <i>Archives of Animal Nutrition</i> , 2019, 73, 505-516.	0.9	5
25	Dietary zinc requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton). <i>Aquaculture</i> , 2019, 503, 489-498.	1.7	36
26	Dietary biotin requirement of fingerling <i>Channa punctatus</i> (Bloch). <i>Journal of Applied Aquaculture</i> , 2019, 31, 236-253.	0.7	3
27	Age and Growth of Spotted Snakehead, <i>Channa punctata</i> from the Ganga River. <i>Journal of Ichthyology</i> , 2019, 59, 197-204.	0.2	1
28	Growth, feed utilization, mineralization and antioxidant response of stinging catfish <i>Heteropneustes fossilis</i> fed diets with different levels of manganese. <i>Aquaculture</i> , 2019, 509, 120-128.	1.7	25
29	Dietary potassium requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton), based on growth parameters, gill Na ⁺ /K ⁺ ATPase activity, tissue mineralization and antioxidant activities. <i>Aquaculture Nutrition</i> , 2019, 25, 271-280.	1.1	5
30	Requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton) for dietary iron based on growth, whole body composition, haematological parameters, tissue iron concentration and serum antioxidant status. <i>Aquaculture</i> , 2019, 504, 148-157.	1.7	17
31	Dietary Phosphorus Requirement of Fingerling Indian Major Carp, <i>Labeo rohita</i> (Hamilton). <i>Journal of the World Aquaculture Society</i> , 2019, 50, 469-484.	1.2	12
32	Dietary pyridoxine requirement of fingerling <i>Channa punctatus</i> (Bloch) based on growth performance, liver pyridoxine concentration, and carcass composition. <i>Journal of Applied Aquaculture</i> , 2018, 30, 238-255.	0.7	17
33	Dietary pantothenic acid requirement of fingerling <i>Channa punctatus</i> (Bloch) based on growth, feed conversion, liver pantothenic acid concentration and carcass composition. <i>Aquaculture Nutrition</i> , 2018, 24, 1436-1443.	1.1	19
34	Dietary riboflavin requirement of fingerling <i>Channa punctatus</i> (Bloch) based on growth, conversion efficiencies, protein retention, liver riboflavin storage, RNA/DNA ratio and carcass composition. <i>Aquaculture Nutrition</i> , 2018, 24, 269-276.	1.1	25
35	Dietary thiamin requirement of fingerling <i>Channa punctatus</i> (Bloch) based on growth, protein gain, liver thiamin storage, RNA/DNA ratio and biochemical composition. <i>Aquaculture Nutrition</i> , 2018, 24, 1015-1023.	1.1	19
36	Dietary magnesium requirement for fingerlings of Rohu (<i>Labeo rohita</i>). <i>Aquaculture</i> , 2018, 496, 96-104.	1.7	11

#	ARTICLE	IF	CITATIONS
37	Determination of dietary phosphorus requirement of stinging catfish <i>Heteropneustes fossilis</i> based on feed conversion, growth, vertebrae phosphorus, whole body phosphorus, haematology and antioxidant status. <i>Aquaculture Nutrition</i> , 2018, 24, 1577-1586.	1.1	23
38	Dietary niacin requirement of fingerling <i>Channa punctatus</i> (Bloch). <i>Journal of Applied Ichthyology</i> , 2018, 34, 929-936.	0.3	11
39	Growth, feed conversion and body composition of fingerling stinging catfish <i>Heteropneustes fossilis</i> (Bloch) fed varying levels of dietary α -threonine. <i>Aquaculture Research</i> , 2017, 48, 2355-2368.	0.9	21
40	Dietary copper requirement of fingerling <i>Channa punctatus</i> (Bloch) based on growth, feed conversion, blood parameters and whole body copper concentration. <i>Aquaculture Research</i> , 2017, 48, 2787-2797.	0.9	41
41	Dietary thiamin and pyridoxine requirements of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture Research</i> , 2017, 48, 4945-4957.	0.9	23
42	Length-weight and length-length relationships of <i>Cirrhinus mrigala</i> (Cyprinidae) and <i>Xenentodon cancala</i> (Belontiidae) from the river Ganga. <i>Journal of Ichthyology</i> , 2017, 57, 787-790.	0.2	0
43	Total sulphur amino acid requirement and maximum cysteine replacement value for methionine for fingerling <i>Catla catla</i> (Hamilton). <i>Aquaculture Research</i> , 2016, 47, 304-317.	0.9	15
44	Assessment of growth zones on whole and thin-sectioned otoliths in <i>Sperata aor</i> (Bagridae) inhabiting the River Ganga, India. <i>Journal of Ichthyology</i> , 2016, 56, 242-246.	0.2	7
45	Dietary histidine requirement of fingerling <i>Catla Catla</i> (Hamilton) based on growth, protein gain, histidine gain, RNA/DNA ratio, haematological indices and carcass composition. <i>Aquaculture Research</i> , 2016, 47, 1028-1039.	0.9	16
46	Dietary threonine requirement of fingerling Indian major carp, <i>Catla catla</i> (Hamilton) estimated by growth, protein retention efficiency, threonine deposition, haematological parameters and carcass composition. <i>Aquaculture Research</i> , 2016, 47, 253-265.	0.9	15
47	Dietary tryptophan requirement of fingerling <i>Catla catla</i> (Hamilton) based on growth, protein gain, RNA/DNA ratio, haematological parameters and carcass composition. <i>Aquaculture Nutrition</i> , 2015, 21, 690-701.	1.1	20
48	Dietary leucine requirement of fingerling <i>Catla catla</i> (Hamilton) based on growth, feed conversion ratio, RNA/DNA ratio, leucine gain, blood indices and carcass composition. <i>Aquaculture International</i> , 2015, 23, 577-595.	1.1	23
49	Dietary Valine Requirement of Fingerling <i>Catla catla</i> . <i>Journal of Applied Aquaculture</i> , 2014, 26, 232-251.	0.7	12
50	Dietary histidine requirement of Singhi, <i>Heteropneustes fossilis</i> fry (Bloch). <i>Aquaculture Research</i> , 2014, 45, 1341-1354.	0.9	25
51	Response of fingerling stinging catfish, <i>Heteropneustes fossilis</i> (Bloch) to varying levels of dietary α -leucine in relation to growth, feed conversion, protein utilization, leucine retention and blood parameters. <i>Aquaculture Nutrition</i> , 2014, 20, 291-302.	1.1	32
52	Evaluation of feeding rate based on growth, feed conversion, protein gain and carcass quality of fingerling Indian major carp, <i>Catla catla</i> (Hamilton). <i>Aquaculture Research</i> , 2014, 45, 439-447.	0.9	13
53	Total sulfur amino acid requirement and cystine replacement value for fingerling stinging catfish, <i>Heteropneustes fossilis</i> (Bloch). <i>Aquaculture</i> , 2014, 426-427, 270-281.	1.7	30
54	Dietary phenylalanine requirement and tyrosine replacement value for phenylalanine for fingerling <i>Catla catla</i> (Hamilton). <i>Aquaculture</i> , 2014, 433, 256-265.	1.7	35

#	ARTICLE	IF	CITATIONS
55	Dietary L-tryptophan requirement of fingerling stinging catfish, <i>Heteropneustes fossilis</i> (Bloch). Aquaculture Research, 2014, 45, 1224-1235.	0.9	27
56	Dietary methionine requirement of Indian major carp fry, <i>C. irrhinus mrigala</i> (Hamilton) based on growth, feed conversion and nitrogen retention efficiency. Aquaculture Research, 2013, 44, 268-281.	0.9	18
57	Dietary l-lysine requirement of fingerling stinging catfish, <i>Heteropneustes fossilis</i> (Bloch) for optimizing growth, feed conversion, protein and lysine deposition. Aquaculture Research, 2013, 44, 523-533.	0.9	29
58	Dietary isoleucine requirement of fingerling catla, <i>Catla catla</i> (Hamilton), based on growth, protein productive value, isoleucine retention efficiency and carcass composition. Aquaculture International, 2013, 21, 1243-1259.	1.1	18
59	Effects of varying levels of dietary l-histidine on growth, feed conversion, protein gain, histidine retention, hematological and body composition in fingerling stinging catfish <i>Heteropneustes fossilis</i> (Bloch). Aquaculture, 2013, 404-405, 130-138.	1.7	28
60	Dietary lysine requirement of fingerling <i>Catla catla</i> (Hamilton) based on growth, protein deposition, lysine retention efficiency, RNA/DNA ratio and carcass composition. Fish Physiology and Biochemistry, 2013, 39, 503-512.	0.9	40
61	Dietary Arginine Requirement of Fingerling Indian Major Carp, <i>Catla catla</i> (Hamilton). Journal of the World Aquaculture Society, 2013, 44, 363-373.	1.2	26
62	Effects of dietary arginine levels on growth, feed conversion, protein productive value and carcass composition of stinging catfish fingerling <i>Heteropneustes fossilis</i> (Bloch). Aquaculture International, 2012, 20, 935-950.	1.1	17
63	Dietary Vitamin C Requirement of Fingerling, <i>Cirrhinus mrigala</i> (Hamilton), Based on Growth, Feed Conversion, Protein Retention, Hematological Indices, and Liver Vitamin C Concentration. Journal of the World Aquaculture Society, 2012, 43, 648-658.	1.2	25
64	Dietary vitamin E requirement for maximizing the growth, conversion efficiency, biochemical composition and haematological status of fingerling <i>Channa punctatus</i> . Aquaculture Research, 2012, 43, 226-238.	0.9	50
65	Effect of Varying Protein-Energy Ratios on Growth, Nutrient Retention, Somatic Indices, and Digestive Enzyme Activities of Singhi, <i>Heteropneustes fossilis</i> (Bloch). Journal of the World Aquaculture Society, 2012, 43, 490-501.	1.2	10
66	Dietary protein requirement for fingerling <i>Channa punctatus</i> (Bloch), based on growth, feed conversion, protein retention and biochemical composition. Aquaculture International, 2012, 20, 383-395.	1.1	57
67	Growth, Feed Conversion, and Nutrient Retention Efficiency of African Catfish, <i>Clarias gariepinus</i> (Burchell) Fingerling Fed Diets with Varying Levels of Protein. Journal of Applied Aquaculture, 2011, 23, 304-316.	0.7	11
68	Optimum ration level for better growth, conversion efficiencies and body composition of fingerling <i>Heteropneustes fossilis</i> (Bloch). Aquaculture International, 2010, 18, 175-188.	1.1	23
69	Dietary Tryptophan Requirement of Fingerling Rohu, <i>Labeo rohita</i> (Hamilton), Based on Growth and Body Composition. Journal of the World Aquaculture Society, 2010, 41, 700-709.	1.2	40
70	Growth, Protein Retention, and Body Composition of Fingerling Indian Major Carp, Rohu, <i>Labeo rohita</i> (Hamilton), Fed Diets with Various Levels of Lysine. Journal of the World Aquaculture Society, 2010, 41, 791-799.	1.2	11
71	Histopathological Effects of Certain Insecticides on the Malpighian Tubules of <i>Hieroglyphus nigrorepletus</i> Bol. (Acrididae: Orthoptera). Zeitschrift für Angewandte Entomologie, 2009, 73, 400-405.	0.0	0
72	The fecundity and the fertility of <i>Spodoptera litura</i> (Fabr.) in relation to photoperiod. Zeitschrift für Angewandte Entomologie, 2009, 85, 215-219.	0.0	0

#	ARTICLE	IF	CITATIONS
73	Effects of dietary protein levels on growth, feed utilization, protein retention efficiency and body composition of young <i>Heteropneustes fossilis</i> (Bloch). <i>Fish Physiology and Biochemistry</i> , 2009, 35, 479-488.	0.9	59
74	Optimum histidine requirement of fry African catfish, <i>Clarias gariepinus</i> (Burchell). <i>Aquaculture Research</i> , 2009, 40, 1000-1010.	0.9	24
75	Dietary arginine requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton) based on growth, nutrient retention efficiencies, RNA/DNA ratio and body composition. <i>Journal of Applied Ichthyology</i> , 2009, 25, 707-714.	0.3	38
76	Dietary threonine requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton). <i>Aquaculture Research</i> , 2008, 39, 1498-1505.	0.9	31
77	Total aromatic amino acid requirement of Indian major carp <i>Labeo rohita</i> (Hamilton) fry. <i>Aquaculture</i> , 2007, 267, 111-118.	1.7	27
78	Dietary arginine requirement of fingerling hybrid <i>Clarias</i> (<i>Clarias gariepinus</i> × <i>Clarias macrocephalus</i>). <i>Aquaculture Research</i> , 2007, 38, 17-25.	0.9	34
79	Dietary leucine requirement of fingerling Indian major carp, <i>Labeo rohita</i> (Hamilton). <i>Aquaculture Research</i> , 2007, 38, 478-486.	0.9	77
80	Dietary branched-chain amino acid valine, isoleucine and leucine requirements of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>British Journal of Nutrition</i> , 2006, 96, 450-60.	1.2	51
81	Dietary tryptophan requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture Research</i> , 2005, 36, 687-695.	0.9	30
82	Dietary arginine requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture Nutrition</i> , 2004, 10, 217-225.	1.1	39
83	Dietary threonine requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture Research</i> , 2004, 35, 162-170.	0.9	42
84	Dietary valine requirement of Indian major carp, <i>Labeo rohita</i> (Hamilton) fry. <i>Journal of Applied Ichthyology</i> , 2004, 20, 118-122.	0.3	35
85	Dietary lysine requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture</i> , 2004, 235, 499-511.	1.7	91
86	Dietary methionine requirement of fingerling Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton). <i>Aquaculture International</i> , 2003, 11, 449-462.	1.1	65
87	Replacement of Fish Oil With Groundnut Oil for Developing Sustainable Feeds for <i>Labeo rohita</i> Fingerling. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	1.8	4