Mukhtar A Khan

List of Publications by Year
in descending order

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87	1,889	236612	329751
papers	citations	25 h-index	37 g-index

87	87	87	836
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dietary lysine requirement of fingerling Indian major carp, Cirrhinus mrigala (Hamilton). Aquaculture, 2004, 235, 499-511.	1.7	91
2	Dietary leucine requirement of fingerling Indian major carp, Labeo rohita (Hamilton). Aquaculture Research, 2007, 38, 478-486.	0.9	77
3	Dietary methionine requirement of fingerling Indian major carp,Cirrhinus mrigala(Hamilton). Aquaculture International, 2003, 11, 449-462.	1.1	65
4	Effects of dietary protein levels on growth, feed utilization, protein retention efficiency and body composition of young Heteropneustes fossilis (Bloch). Fish Physiology and Biochemistry, 2009, 35, 479-488.	0.9	59
5	Dietary protein requirement for fingerling Channa punctatus (Bloch), based on growth, feed conversion, protein retention and biochemical composition. Aquaculture International, 2012, 20, 383-395.	1.1	57
6	Dietary branched-chain amino acid valine, isoleucine and leucine requirements of fingerling Indian major carp, Cirrhinus mrigala (Hamilton). British Journal of Nutrition, 2006, 96, 450-60.	1.2	51
7	Dietary vitamin E requirement for maximizing the growth, conversion efficiency, biochemical composition and haematological status of fingerling Channa punctatus. Aquaculture Research, 2012, 43, 226-238.	0.9	50
8	Roles of arginine in fish nutrition and health: insights for future researches. Reviews in Aquaculture, 2020, 12, 2091-2108.	4.6	43
9	Dietary threonine requirement of fingerling Indian major carp, Cirrhinus mrigala (Hamilton). Aquaculture Research, 2004, 35, 162-170.	0.9	42
10	Dietary copper requirement of fingerlingChanna punctatus(Bloch) based on growth, feed conversion, blood parameters and whole body copper concentration. Aquaculture Research, 2017, 48, 2787-2797.	0.9	41
11	Dietary Tryptophan Requirement of Fingerling Rohu, Labeo rohita (Hamilton), Based on Growth and Body Composition. Journal of the World Aquaculture Society, 2010, 41, 700-709.	1.2	40
12	Dietary lysine requirement of fingerling Catla catla (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
13	Dietary arginine requirement of fingerling Indian major carp, Cirrhinus mrigala (Hamilton). Aquaculture Nutrition, 2004, 10, 217-225.	1.1	39
14	Dietary arginine requirement of fingerling Indian major carp,Labeo rohita(Hamilton) based on growth, nutrient retention efficiencies, RNA/DNA ratio and body composition. Journal of Applied Ichthyology, 2009, 25, 707-714.	0.3	38
15	Dietary zinc requirement of fingerling Indian major carp, Labeo rohita (Hamilton). Aquaculture, 2019, 503, 489-498.	1.7	36
16	Dietary valine requirement of Indian major carp, Labeo rohita (Hamilton) fry. Journal of Applied Ichthyology, 2004, 20, 118-122.	0.3	35
17	Dietary phenylalanine requirement and tyrosine replacement value for phenylalanine for fingerling Catla catla (Hamilton). Aquaculture, 2014, 433, 256-265.	1.7	35
18	Dietary arginine requirement of fingerling hybridClarias(Clarias gariepinusÃ—Clarias macrocephalus). Aquaculture Research, 2007, 38, 17-25.	0.9	34

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19	Response of fingerling stinging catfish,Heteropneustes fossilis(Bloch) to varying levels of dietary<scp>l</scp>-leucine in relation to growth, feed conversion, protein utilization, leucine retention and blood parameters. Aquaculture Nutrition, 2014, 20, 291-302.	1.1	32
20	Dietary threonine requirement of fingerling Indian major carp,Labeo rohita(Hamilton). Aquaculture Research, 2008, 39, 1498-1505.	0.9	31
21	Dietary tryptophan requirement of fingerling Indian major carp, Cirrhinus mrigala (Hamilton). Aquaculture Research, 2005, 36, 687-695.	0.9	30
22	Total sulfur amino acid requirement and cystine replacement value for fingerling stinging catfish, Heteropneustes fossilis (Bloch). Aquaculture, 2014, 426-427, 270-281.	1.7	30
23	Dietary<scp>l</scp>-lysine requirement of fingerling stinging catfish,Heteropneustes fossilis(Bloch) for optimizing growth, feed conversion, protein and lysine deposition. Aquaculture Research, 2013, 44, 523-533.	0.9	29
24	Effects of dietary iron on growth, haematology, oxidative stress and hepatic ascorbic acid concentration of stinging catfish Heteropneustes fossilis. Aquaculture, 2020, 516, 734642.	1.7	29
25	Effects of varying levels of dietary l-histidine on growth, feed conversion, protein gain, histidine retention, hematological and body composition in fingerling stinging catfish Heteropneustes fossilis (Bloch). Aquaculture, 2013, 404-405, 130-138.	1.7	28
26	Total aromatic amino acid requirement of Indian major carp Labeo rohita (Hamilton) fry. Aquaculture, 2007, 267, 111-118.	1.7	27
27	Dietary L-tryptophan requirement of fingerling stinging catfish,Heteropneustes fossilis(Bloch). Aquaculture Research, 2014, 45, 1224-1235.	0.9	27
28	Dietary Arginine Requirement of Fingerling Indian Major Carp, Catla catla (Hamilton). Journal of the World Aquaculture Society, 2013, 44, 363-373.	1.2	26
29	Dietary Vitamin C Requirement of Fingerling, Cirrhinus mrigala (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
30	Dietary histidine requirement of Singhi,Heteropneustes fossilisfry (Bloch). Aquaculture Research, 2014, 45, 1341-1354.	0.9	25
31	Dietary riboflavin requirement of fingerlingChanna punctatus(Bloch) based on growth, conversion efficiencies, protein retention, liver riboflavin storage, RNA/DNA ratio and carcass composition. Aquaculture Nutrition, 2018, 24, 269-276.	1.1	25
32	Growth, feed utilization, mineralization and antioxidant response of stinging catfish Heteropneustes fossilis fed diets with different levels of manganese. Aquaculture, 2019, 509, 120-128.	1.7	25
33	Optimum histidine requirement of fry African catfish,Clarias gariepinus(Burchell). Aquaculture Research, 2009, 40, 1000-1010.	0.9	24
34	Optimum ration level for better growth, conversion efficiencies and body composition of fingerling Heteropneustes fossilis (Bloch). Aquaculture International, 2010, 18, 175-188.	1.1	23
35	Dietary leucine requirement of fingerling Catla catla (Hamilton) based on growth, feed conversion ratio, RNA/DNA ratio, leucine gain, blood indices and carcass composition. Aquaculture International, 2015, 23, 577-595.	1.1	23
36	Dietary thiamin and pyridoxine requirements of fingerling Indian major carp,Cirrhinus mrigala(Hamilton). Aquaculture Research, 2017, 48, 4945-4957.	0.9	23

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37	Determination of dietary phosphorus requirement of stinging catfishHeteropneustes fossilisbased on feed conversion, growth, vertebrae phosphorus, whole body phosphorus, haematology and antioxidant status. Aquaculture Nutrition, 2018, 24, 1577-1586.	1.1	23
38	Growth, feed conversion and body composition of fingerling stinging catfish Heteropneustes fossilis (Bloch) fed varying levels of dietary <scp>l</scp> â€threonine. Aquaculture Research, 2017, 48, 2355-2368.	0.9	21
39	Dietary tryptophan requirement of fingerlingCatla catla(Hamilton) based on growth, protein gain, RNA/DNA ratio, haematological parameters and carcass composition. Aquaculture Nutrition, 2015, 21, 690-701.	1.1	20
40	Dietary pantothenic acid requirement of fingerlingChanna punctatus(Bloch) based on growth, feed conversion, liver pantothenic acid concentration and carcass composition. Aquaculture Nutrition, 2018, 24, 1436-1443.	1.1	19
41	Dietary thiamin requirement of fingerlingChanna punctatus(Bloch) based on growth, protein gain, liver thiamin storage, RNA/DNA ratio and biochemical composition. Aquaculture Nutrition, 2018, 24, 1015-1023.	1.1	19
42	Dietary methionine requirement of Indian major carp fry,Cirrhinus mrigala(Hamilton) based on growth, feed conversion and nitrogen retention efficiency. Aquaculture Research, 2013, 44, 268-281.	0.9	18
43	Dietary isoleucine requirement of fingerling catla, Catla catla (Hamilton), based on growth, protein productive value, isoleucine retention efficiency and carcass composition. Aquaculture International, 2013, 21, 1243-1259.	1.1	18
44	Effects of dietary arginine levels on growth, feed conversion, protein productive value and carcass composition of stinging catfish fingerling Heteropneustes fossilis (Bloch). Aquaculture International, 2012, 20, 935-950.	1.1	17
45	Dietary pyridoxine requirement of fingerling Channa punctatus (Bloch) based on growth performance, liver pyridoxine concentration, and carcass composition. Journal of Applied Aquaculture, 2018, 30, 238-255.	0.7	17
46	Quantification of dietary inositol requirement for fingerling Channa punctatus (Bloch) based on growth, antioxidant status, hematological tools and liver inositol concentration. Aquaculture, 2019, 512, 734280.	1.7	17
47	Requirement of fingerling Indian major carp, Labeo rohita (Hamilton) for dietary iron based on growth, whole body composition, haematological parameters, tissue iron concentration and serum antioxidant status. Aquaculture, 2019, 504, 148-157.	1.7	17
48	Effect of dietary isoleucine level on growth, protein retention efficiency, haematological parameter, lysozyme activity and serum antioxidant status of fingerlingChanna punctatus(Bloch). Aquaculture Nutrition, 2020, 26, 908-920.	1.1	17
49	Dietary histidine requirement of fingerlingCatla Catla(Hamilton) based on growth, protein gain, histidine gain, RNA/DNA ratio, haematological indices and carcass composition. Aquaculture Research, 2016, 47, 1028-1039.	0.9	16
50	Total sulphur amino acid requirement and maximum cysteine replacement value for methionine for fingerlingCatla catla(Hamilton). Aquaculture Research, 2016, 47, 304-317.	0.9	15
51	Dietary threonine requirement of fingerling Indian major carp,Catla catla(Hamilton) estimated by growth, protein retention efficiency, threonine deposition, haematological parameters and carcass composition. Aquaculture Research, 2016, 47, 253-265.	0.9	15
52	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 Channa punctatus (Bloch). Aquaculture, 2019, 511, 734272.	1.7	15
53	Evaluation of feeding rate based on growth, feed conversion, protein gain and carcass quality of fingerling Indian major carp,Catla catla(Hamilton). Aquaculture Research, 2014, 45, 439-447.	0.9	13
54	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 Catla catla (Hamilton). Aquaculture, 2021, 541, 736815.	1.7	13

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55	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, Labeo rohita (Hamilton). Aquaculture, 2022, 554, 738114.	1.7	13
56	Dietary Valine Requirement of FingerlingCatla catla. Journal of Applied Aquaculture, 2014, 26, 232-251.	0.7	12
57	Dietary Phosphorus Requirement of Fingerling Indian Major Carp, Labeo rohita (Hamilton). Journal of the World Aquaculture Society, 2019, 50, 469-484.	1.2	12
58	Dietary folic acid requirement of fingerling Catla,Catla catla(Hamilton). Aquaculture Nutrition, 2020, 26, 1035-1045.	1.1	12
59	Dietary manganese requirement of fingerling Indian major carp, Labeo rohita (Hamilton) estimated by growth, tissue manganese concentration and hepatic manganese-superoxide dismutase activity. Aquaculture, 2021, 540, 736734.	1.7	12
60	Growth, Protein Retention, and Body Composition of Fingerling Indian Major Carp, Rohu, Labeo rohita (Hamilton), Fed Diets with Various Levels of Lysine. Journal of the World Aquaculture Society, 2010, 41, 791-799.	1.2	11
61	Growth, Feed Conversion, and Nutrient Retention Efficiency of African Catfish,Clarias gariepinus,(Burchell) Fingerling Fed Diets with Varying Levels of Protein. Journal of Applied Aquaculture, 2011, 23, 304-316.	0.7	11
62	Dietary magnesium requirement for fingerlings of Rohu (Labeo rohita). Aquaculture, 2018, 496, 96-104.	1.7	11
63	Dietary niacin requirement of fingerling Channa punctatus (Bloch). Journal of Applied Ichthyology, 2018, 34, 929-936.	0.3	11
64	Effect of Varying Proteinâ€toâ€Energy Ratios on Growth, Nutrient Retention, Somatic Indices, and Digestive Enzyme Activities of Singhi, Heteropneustes fossilis (Bloch). Journal of the World Aquaculture Society, 2012, 43, 490-501.	1.2	10
65	Effects of dietary cyanocobalamin on growth performance, nonâ€specific immune response, antioxidant capacity, haematological parameters, body composition and liver cyanocobalamin concentration of fingerling major carp, Catla catla (Hamilton). Aquaculture Nutrition, 2021, 27, 604-614.	1.1	10
66	Dietary niacin requirement of fingerling Indian major carpCatla catlaHamilton. Aquaculture Nutrition, 2021, 27, 1482-1493.	1.1	10
67	Dietary Biotin Requirement of Fingerling Catla catla (Hamilton) Based on Growth, Feed Conversion Efficiency, and Liver Biotin Concentration. Journal of the World Aquaculture Society, 2019, 50, 674-683.	1.2	8
68	Assessment of growth zones on whole and thin-sectioned otoliths in Sperata aor (Bagridae) inhabiting the River Ganga, India. Journal of Ichthyology, 2016, 56, 242-246.	0.2	7
69	Quantification of dietary calcium requirement of fingerling Heteropneustes fossilis based on growth, feed conversion efficiency, mineralization and serum alkaline phosphatase activity. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1959-1968.	1.0	6
70	Dietary copper requirement of fingerlingHeteropneustes fossilisfor formulating copperâ€balanced commercial feeds. Aquaculture Nutrition, 2020, 26, 248-260.	1.1	6
71	Dietary folic acid requirement of fingerling Channa punctatus (Bloch) based on growth, protein productive value and liver folic acid concentrations. Animal Feed Science and Technology, 2020, 262, 114397.	1.1	6
72	Effects of dietary magnesium supplementation on growth, feed utilization, nucleic acid ratio and antioxidant status of fingerling Heteropneustes fossilis. Animal Feed Science and Technology, 2021, 273, 114819.	1.1	6

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73	Estimation of dietary copper requirement of fingerling Indian major carp, Labeo rohita (Hamilton). Aquaculture, 2022, 549, 737742.	1.7	6
74	Dietary threonine requirement of fingerling Channa punctatus (Bloch) based on growth, feed conversion, protein retention efficiency, hematological parameters, and biochemical composition. Aquaculture, 2022, 560, 738504.	1.7	6
75	Growth, body composition, mineralisation and Na⁺/K⁺-ATPase activity of fingerling Heteropneustes fossilis (Bloch) fed diets with different levels of potassium. Archives of Animal Nutrition, 2019, 73, 505-516.	0.9	5
76	Dietary potassium requirement of fingerling Indian major carp,Labeo rohita(Hamilton), based on growth parameters, gill Na⁺-K⁺ATPase activity, tissue mineralization and antioxidant activities. Aquaculture Nutrition, 2019, 25, 271-280.	1.1	5
77	Dietary vitamin C requirement based on growth performance, non-specific immune response, antioxidant capacity, and liver vitamin C concentration of fingerling Channa punctatus (Bloch). Animal Feed Science and Technology, 2021, 280, 115058.	1.1	5
78	Dietary calcium requirement of fingerling Indian major carp, Labeo rohita (Hamilton) based on growth performance, tissue mineralization, whole body, and serum biochemical composition. Aquaculture International, 2020, 28, 1125-1139.	1.1	4
79	Dietary thiamin requirement of fingerling major carp Catla catla (Hamilton). Journal of Animal Physiology and Animal Nutrition, 2022, 106, 939-946.	1.0	4
80	Requirement of fingerling Channa punctatus (Bloch) for dietary lysine based on growth, feed conversion and lysine retention efficiency, RNA/DNA ratio, haematological parameters and serum antioxidant activity. Aquaculture Nutrition, 2021, 27, 140-150.	1.1	4
81	Replacement of Fish Oil With Groundnut Oil for Developing Sustainable Feeds for Labeo rohita Fingerling. Frontiers in Sustainable Food Systems, 0, 6, .	1.8	4
82	Dietary biotin requirement of fingerling Channa punctatus (Bloch). Journal of Applied Aquaculture, 2019, 31, 236-253.	0.7	3
83	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 Catla, Catla catla (Hamilton). Animal Feed Science and Technology, 2022, 285, 115245.	1.1	3
84	Age and Growth of Spotted Snakehead, Channa punctata from the Ganga River. Journal of Ichthyology, 2019, 59, 197-204.	0.2	1
85	Histopathological Effects of Certain Insecticides on the Malpighian Tubules of Hieroglyphus nigrorepletus Bol. (Acrididae: Orthoptera). Zeitschrift FÃ¼r Angewandte Entomologie, 2009, 73, 400-405.	0.0	0
86	The fecundity and the fertility of Spodoptera litura (Fabr.) in relation to photoperiod. Zeitschrift FÃ¼r Angewandte Entomologie, 2009, 85, 215-219.	0.0	0
87	Length-weight and length-length relationships of Cirrhinus mrigala (Cyprinidae) and Xenentodon cancila (Belonidae) from the river Ganga. Journal of Ichthyology, 2017, 57, 787-790.	0.2	0