

# Shivendra Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,340  
citations

430874

18  
h-index

345221

36  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of dietary carbohydrate on haematology, respiratory burst activity and histological changes in juveniles. <i>Fish and Shellfish Immunology</i> , 2005, 19, 331-344.	3.6	193
2	Haemato-immunological responses to dietary yeast RNA, $\hat{I}$ %-3 fatty acid and $\hat{I}^2$ -carotene in <i>Catla catla</i> juveniles. <i>Fish and Shellfish Immunology</i> , 2007, 23, 917-927.	3.6	171
3	Dietary yeast RNA supplementation reduces mortality by <i>Aeromonas hydrophila</i> in rohu ( <i>Labeo rohita</i> ) Tj ETQq1 1 0,784314 rgBT /Over	3.6	127
4	Pre- and post-challenge immuno-haematological changes in <i>Labeo rohita</i> juveniles fed gelatinised or non-gelatinised carbohydrate with n-3 PUFA. <i>Fish and Shellfish Immunology</i> , 2006, 21, 346-356.	3.6	93
5	Haematological modulation and growth of <i>Labeo rohita</i> fingerlings: effect of dietary mannan oligosaccharide, yeast extract, protein hydrolysate and chlorella. <i>Aquaculture Research</i> , 2009, 41, 61-69.	1.8	69
6	Yeast extract, brewerâ€™s yeast and spirulina in diets for <i>Labeo rohita</i> fingerlings affect haemato-immunological responses and survival following <i>Aeromonas hydrophila</i> challenge. <i>Research in Veterinary Science</i> , 2011, 91, 103-109.	1.9	65
7	Studies on digestibility and digestive enzyme activities in <i>Labeo rohita</i> (Hamilton) juveniles: effect of microbial $\hat{I}$ -amylase supplementation in non-gelatinized or gelatinized corn-based diet at two protein levels. <i>Fish Physiology and Biochemistry</i> , 2006, 32, 209-220.	2.3	63
8	Modulation of key enzymes of glycolysis, gluconeogenesis, amino acid catabolism, and TCA cycle of the tropical freshwater fish <i>Labeo rohita</i> fed gelatinized and non-gelatinized starch diet. <i>Fish Physiology and Biochemistry</i> , 2010, 36, 491-499.	2.3	57
9	Immunomodulation of <i>Labeo rohita</i> juveniles due to dietary gelatinized and non-gelatinized starch. <i>Fish and Shellfish Immunology</i> , 2007, 23, 341-353.	3.6	49
10	Modulation of key metabolic enzyme of <i>Labeo rohita</i> (Hamilton) juvenile: effect of dietary starch type, protein level and exogenous $\hat{I}$ -amylase in the diet. <i>Fish Physiology and Biochemistry</i> , 2009, 35, 301-315.	2.3	45
11	Potential of processed animal protein versus soybean meal to replace fish meal in practical diets for European catfish ( <i>Silurus glanis</i> ): growth response and liver gene expression. <i>Aquaculture Nutrition</i> , 2017, 23, 1179-1189.	2.7	42
12	Non-gelatinized corn supplemented with alpha-amylase at sub-optimum protein level enhances the growth of <i>Labeo rohita</i> (Hamilton) fingerlings. <i>Aquaculture Research</i> , 2006, 37, 284-292.	1.8	37
13	Effect of dietary tannin on growth and haemato-immunological parameters of <i>Labeo rohita</i> (Hamilton) fingerlings. <i>Animal Feed Science and Technology</i> , 2007, 136, 96-108.	2.2	33
14	Haemato-immunology and histo-architectural changes in <i>Labeo rohita</i> fingerlings: effect of dietary aflatoxin and mould inhibitor. <i>Fish Physiology and Biochemistry</i> , 2011, 37, 177-186.	2.3	29
15	A GFP-based bacterial biosensor with chromosomally integrated sensing cassette for quantitative detection of Hg(II) in environment. <i>Journal of Environmental Sciences</i> , 2012, 24, 963-968.	6.1	23
16	Compensatory growth, feed intake and body composition of <i>Labeo rohita</i> fingerlings following feed deprivation. <i>Aquaculture Nutrition</i> , 2014, 20, 101-108.	2.7	23
17	Gelatinized to non-gelatinized starch ratio in the diet of <i>Labeo rohita</i> : effect on digestive and metabolic response and on growth. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2008, 92, 492-501.	2.2	21
18	High dietary protein combats the stress of <i>Labeo rohita</i> fingerlings exposed to heat shock. <i>Fish Physiology and Biochemistry</i> , 2011, 37, 1005-1019.	2.3	20

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2015, 15, .	0.9	20
20	Effect of dietary source and level of chitin on growth and survival of post-larvae <i>Macrobrachium rosenbergii</i> . Journal of Applied Ichthyology, 2006, 22, 363-368.	0.7	17
21	Effects of dietary microbial levan on growth performance, RNA/DNA ratio and some physio-biochemical responses of <i>Labeo rohita</i> (Hamilton) juveniles. Aquaculture Nutrition, 2015, 21, 892-903.	2.7	16
22	Improving crop production for food security and improved livelihoods on the East India Plateau II. Crop options, alternative cropping systems and capacity building. Agricultural Systems, 2015, 137, 180-190.	6.1	15
23	Comparative performance of Gamma Amino Butyric Acid (GABA) and 5-Hydroxytryptamine (5-HT) in the diet of larvae and post larvae of giant freshwater prawn, <i>Macrobrachium rosenbergii</i> : Effect of dose and route of administration on growth and survival. Aquaculture, 2007, 270, 240-248.	3.5	14
24	Short-term exposure to higher temperature triggers the metabolic enzyme activities and growth of fish <i>Labeo rohita</i> fed with high-protein diet. Aquaculture Nutrition, 2013, 19, 186-198.	2.7	11
25	Characterisation and Validation of House Keeping Gene for Expression Analysis in <i>Catla catla</i> (Hamilton). Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2015, 85, 993-1000.	1.0	9
26	Effect of temperature on digestibility, growth performance and nutrient utilization of corn distiller's dried grains with soluble (DDGS) in Common carp juveniles. Aquaculture Research, 2020, 51, 828-835.	1.8	9
27	Mixed feeding schedule of low and high protein in the diet of <i>Labeo rohita</i> (Hamilton) fingerlings: effect on growth performance, haemato-immunological and stress responses. Aquaculture Nutrition, 2016, 22, 652-663.	2.7	8
28	Mitigation of immunosuppressive and oxidative stress effect of dietary gelatinized starch in <i>Labeo rohita</i> fingerlings by elevation of rearing temperature within optimum range. Fish and Shellfish Immunology, 2015, 47, 868-877.	3.6	7
29	Metabolic fitness and growth performance in tropical freshwater fish <i>Labeo rohita</i> are modulated in response to dietary starch type (gelatinized versus non-gelatinized) and water temperature. Aquaculture Nutrition, 2016, 22, 966-975.	2.7	7
30	Potential of corn distiller's dried grains with solubles (DDGS) in the diet of European catfish ( <i>Silurus glanis</i> ). Aquaculture Reports, 2021, 20, 100653.	1.7	7
31	Does nutritional history impact on future performance and utilization of plant based diet in common carp?. Aquaculture, 2022, 551, 737935.	3.5	7
32	Immunogene expression in head kidney and spleen of common carp ( <i>Cyprinus carpio</i> L.) following thermal stress and challenge with Gram-negative bacterium, <i>Aeromonas hydrophila</i> . Aquaculture International, 2018, 26, 727-741.	2.2	6
33	Non-gelatinized starch influences the deposition of $\omega$ fatty acids in the muscle of a tropical freshwater fish, <i>Labeo rohita</i> . Journal of Animal Physiology and Animal Nutrition, 2009, 93, 659-668.	2.2	5
34	Amylases. , 2018, , 163-180.		5
35	Back to the Basics: Biomimicry in Shrimp Farming. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 2172-2184.	0.1	4
36	Nucleic Acid Content Changes of a Tropical Freshwater Fish <i>Labeo rohita</i> Fed Gelatinized and Nongelatinized Starch Diet. Journal of the World Aquaculture Society, 2010, 41, 270-277.	2.4	3

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37	Gelatinized and Non-Gelatinized Corn Starch Based Diet Influence the Fatty Acid Profile in the Liver of Tropical Freshwater Fish, <i>Labeo ohita</i> . <i>Journal of Aquaculture Research &amp; Development</i> , 2011, 02, .	0.4	3
38	Gene structure and comparative and phylogenetic analyses of <i>Catla catla</i> CYP1A full-length cDNA and its responsiveness to benzo(a)pyrene and copper sulphate at early developmental stages. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 95-108.	2.3	2
39	EFFECTS OF FEEDING REGIME ON GROWTH FEED CONVERSION AND SIZE VARIATION OF <i>Silurus glanis</i> . <i>Ribarstvo, Croatian Journal of Fisheries</i> , 2015, 73, 142-147.	0.6	2
40	Effect of Total Fish Meal Replacement with Vegetal Protein Alone or Combined with Rendered Animal Protein on Growth Performance and Tissue Composition of European Catfish ( <i>Silurus glanis</i> L.). <i>Israeli Journal of Aquaculture - Bamidgeh</i> , 0, 67, .	0.0	2
41	Analysis of variance, normal quantile-quantile correlation and effective expression support of pooled expression ratio of reference genes for defining expression stability. <i>Heliyon</i> , 2017, 3, e00233.	3.2	1
42	A study on innovativeness and regulating conflicts between the fishers and farmers in the Balua wetland. <i>Journal of Applied and Natural Science</i> , 2016, 8, 951-959.	0.4	0