

Sanjay K Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,072
citations

361413

20
h-index

434195

31
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39
all docs

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docs citations

39
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958
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary zinc promotes immuno-biochemical plasticity and protects fish against multiple stresses. <i>Fish and Shellfish Immunology</i> , 2017, 62, 184-194.	3.6	79
2	Oxidative and cellular metabolic stress of <i>Oreochromis mossambicus</i> as biomarkers indicators of trace element contaminants. <i>Chemosphere</i> , 2017, 171, 265-274.	8.2	70
3	Immuno-protective role of biologically synthesized dietary selenium nanoparticles against multiple stressors in <i>Pangasinodon hypophthalmus</i> . <i>Fish and Shellfish Immunology</i> , 2018, 78, 289-298.	3.6	62
4	Probing the protective mechanism of poly- γ -hydroxybutyrate against vibriosis by using gnotobiotic <i>Artemia franciscana</i> and <i>Vibrio campbellii</i> as host-pathogen model. <i>Scientific Reports</i> , 2015, 5, 9427.	3.3	56
5	Impacts of acute toxicity of arsenic (III) alone and with high temperature on stress biomarkers, immunological status and cellular metabolism in fish. <i>Aquatic Toxicology</i> , 2019, 214, 105233.	4.0	55
6	Acute toxicity, biochemical and histopathological responses of endosulfan in <i>Chanos chanos</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 131, 79-88.	6.0	51
7	Selenium nanoparticles enhanced thermal tolerance and maintain cellular stress protection of <i>Pangasius hypophthalmus</i> reared under lead and high temperature. <i>Respiratory Physiology and Neurobiology</i> , 2017, 246, 107-116.	1.6	50
8	Dietary microbial levan ameliorates stress and augments immunity in <i>Cyprinus carpio</i> fry (Linnaeus, 1758) exposed to sublethal toxicity of fipronil. <i>Aquaculture Research</i> , 2014, 45, 893-906.	1.8	47
9	Dietary microbial levan enhances tolerance of <i>Labeo rohita</i> (Hamilton) juveniles to thermal stress. <i>Aquaculture</i> , 2010, 306, 398-402.	3.5	42
10	Influence of fish protein hydrolysate produced from industrial residues on antioxidant activity, cytokine expression and gut microbial communities in juvenile barramundi <i>Lates calcarifer</i> . <i>Fish and Shellfish Immunology</i> , 2020, 97, 465-473.	3.6	40
11	Mitigation potential of selenium nanoparticles and riboflavin against arsenic and elevated temperature stress in <i>Pangasianodon hypophthalmus</i> . <i>Scientific Reports</i> , 2020, 10, 17883.	3.3	40
12	Synthetic pyrethroids (Type II) and freshwater fish culture: Perils and mitigations. <i>International Aquatic Research</i> , 2015, 7, 163-191.	1.5	39
13	Dietary supplementation of black soldier fly (<i>Hermetica illucens</i>) meal modulates gut microbiota, innate immune response and health status of marron (<i>Cherax cainii</i> , Austin 2002) fed poultry-by-product and fishmeal based diets. <i>PeerJ</i> , 2019, 7, e6891.	2.0	38
14	Temperature induces lead toxicity in <i>Pangasius hypophthalmus</i> : an acute test, antioxidative status and cellular metabolic stress. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 57-68.	3.5	36
15	Meta-omics technologies reveals beneficiary effects of <i>Lactobacillus plantarum</i> as dietary supplements on gut microbiota, immune response and disease resistance of Nile tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 89BT /Ov	3.5	36
16	Probiotic yeast <i>Saccharomyces cerevisiae</i> coupled with <i>Lactobacillus casei</i> modulates physiological performance and promotes gut microbiota in juvenile barramundi, <i>Lates calcarifer</i> . <i>Aquaculture</i> , 2022, 546, 737346.	3.5	31
17	Supplementation of microbial levan in the diet of <i>Cyprinus carpio</i> fry (Linnaeus, 1758) exposed to sublethal toxicity of fipronil: effect on growth and metabolic responses. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 1513-1524.	2.3	30
18	Effects of silver nanoparticles on stress biomarkers of <i>Channa striatus</i> : immuno-protective or toxic?. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14813-14826.	5.3	30

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19	Impact of varied combinatorial mixture of non-fishmeal ingredients on growth, metabolism, immunity and gut microbiota of <i>Lates calcarifer</i> (Bloch, 1790) fry. <i>Scientific Reports</i> , 2020, 10, 17091.	3.3	27
20	Dietary pyridoxine promotes growth and cellular metabolic plasticity of <i>Chanos chanos</i> fingerlings exposed to endosulfan induced stress. <i>Aquaculture Research</i> , 2017, 48, 2074-2087.	1.8	22
21	Role of sex-biased miRNAs in teleosts – a review. <i>Reviews in Aquaculture</i> , 2021, 13, 269-281.	9.0	21
22	Effects of long-term starvation on health indices, gut microbiota and innate immune response of fresh water crayfish, marron (<i>Cherax cainii</i> , Austin 2002). <i>Aquaculture</i> , 2020, 514, 734444.	3.5	16
23	Replacement of live feed by formulated feed: effect on the growth and spawning performance of Siamese fighting fish (<i>Betta splendens</i> , Regan, 1910). <i>Aquaculture Research</i> , 2010, 41, 1707-1716.	1.8	15
24	Marked variations in gut microbiota and some innate immune responses of fresh water crayfish, marron (<i>Cherax cainii</i> , Austin 2002) fed dietary supplementation of <i>Clostridium butyricum</i> . <i>PeerJ</i> , 2019, 7, e7553.	2.0	15
25	Biological ball filters regulate bacterial communities in marron (<i>Cherax cainii</i>) culture system. <i>Letters in Applied Microbiology</i> , 2019, 68, 455-463.	2.2	14
26	Involvement of <i>Enterococcus</i> species in streptococcosis of Nile tilapia in Bangladesh. <i>Aquaculture</i> , 2021, 531, 735790.	3.5	14
27	Immunomodulation by dietary supplements: A preventive health strategy for sustainable aquaculture of tropical freshwater fish, <i>Labeo rohita</i> (Hamilton, 1822). <i>Reviews in Aquaculture</i> , 2021, 13, 2364-2394.	9.0	14
28	Biological filters regulate water quality, modulate health status, immune indices and gut microbiota of freshwater crayfish, marron (<i>Cherax cainii</i> , Austin, 2002). <i>Chemosphere</i> , 2020, 247, 125821.	8.2	13
29	Stress mitigating and immunomodulatory effect of dietary pyridoxine in <i>Labeo rohita</i> (Hamilton) fingerlings. <i>Aquaculture Research</i> , 2009, 41, 991.	1.8	12
30	Modulation of cytokine expression by dietary levan in the pathogen aggravated rohu, <i>Labeo rohita</i> fingerlings. <i>Aquaculture</i> , 2018, 495, 496-505.	3.5	12
31	Next-generation sequencing reveals significant variations in bacterial compositions across the gastrointestinal tracts of the Indian major carps, rohu (<i>Labeo rohita</i>), catla (<i>Catla</i>) Tj ETQq1 1 0.784314 ngBT /Overclock 10		
32	Effects of different dietary protein sources on the immunological and physiological responses of marron, <i>Cherax cainii</i> (Austin and Ryan, 2002) and its susceptibility to high temperature exposure. <i>Fish and Shellfish Immunology</i> , 2019, 88, 567-577.	3.6	9
33	Inflammatory and stress biomarker response of <i>Aeromonas hydrophila</i> infected rohu, <i>Labeo rohita</i> fingerlings to dietary microbial levan. <i>Aquaculture</i> , 2020, 521, 735020.	3.5	9
34	The Effect of Two Dietary Protein Sources on Water Quality and the Aquatic Microbial Communities in Marron (<i>Cherax cainii</i>) Culture. <i>Microbial Ecology</i> , 2021, 82, 299-308.	2.8	5
35	Total Bioavailable Organic Selenium in Fishmeal-Based Diet Influences Growth and Physiology of Juvenile Cobia <i>Rachycentron canadum</i> (Linnaeus, 1766). <i>Biological Trace Element Research</i> , 2019, 190, 541-549.	3.5	3
36	<i>Bacillus mycoides</i> supplemented diet modulates the health status, gut microbiota and innate immune response of freshwater crayfish marron (<i>Cherax cainii</i>). <i>Animal Feed Science and Technology</i> , 2020, 262, 114408.	2.2	3

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37	Evaluation of candidate genes related to litter traits in Indian pig breeds. <i>Reproduction in Domestic Animals</i> , 2021, 56, 577-585.	1.4	3
38	Variation in selection constraints on teleost TLRs with emphasis on their repertoire in the Walking catfish, <i>Clarias batrachus</i> . <i>Scientific Reports</i> , 2020, 10, 21394.	3.3	2