

Rina Chakrabarti

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,069
citations

471509

17
h-index

414414

32
g-index

46
all docs

46
docs citations

46
times ranked

936
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of <i>Achyranthes aspera</i> on the immunity and survival of <i>Labeo rohita</i> infected with <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2006, 20, 263-273.	3.6	275
2	Stimulation of immunity in Indian major carp <i>Catla catla</i> with herbal feed ingredients. <i>Fish and Shellfish Immunology</i> , 2005, 18, 327-334.	3.6	82
3	Effect of seeds of <i>Achyranthes aspera</i> on the immune responses and expression of some immune-related genes in carp <i>Catla catla</i> . <i>Fish and Shellfish Immunology</i> , 2014, 41, 64-69.	3.6	64
4	Mass Production of <i>Lemna minor</i> and Its Amino Acid and Fatty Acid Profiles. <i>Frontiers in Chemistry</i> , 2018, 6, 479.	3.6	55
5	<i>Achyranthes aspera</i> stimulates the immunity and enhances the antigen clearance in <i>Catla catla</i> . <i>International Immunopharmacology</i> , 2006, 6, 782-790.	3.8	51
6	Effect of temperature on digestive physiology, immune-modulatory parameters, and expression level of Hsp and LDH genes in <i>Catla catla</i> (Hamilton, 1822). <i>Aquaculture</i> , 2017, 479, 134-141.	3.5	40
7	Functional changes in digestive enzymes and characterization of proteases of silver carp (<i>Catla</i>) and bighead carp (<i>Mystus</i>) hybrid, during early ontogeny. <i>Aquaculture</i> , 2006, 253, 694-702.	3.5	33
8	Modulation of TLR2, TLR4, TLR5, NOD1 and NOD2 receptor gene expressions and their downstream signaling molecules following thermal stress in the Indian major carp <i>Catla catla</i> . <i>3 Biotech</i> , 2015, 5, 1021-1030.	2.2	33
9	Impact of UV-B radiation on the digestive enzymes and immune system of larvae of Indian major carp <i>Catla catla</i> . <i>International Journal of Radiation Biology</i> , 2010, 86, 181-186.	1.8	32
10	Study of digestive proteinases and proteinase inhibitors of <i>Daphnia carinata</i> . <i>Aquaculture</i> , 2005, 243, 367-372.	3.5	27
11	Evaluation of immunostimulatory and growth promoting effect of seed fractions of <i>Achyranthes aspera</i> in common carp <i>Cyprinus carpio</i> and identification of active constituents. <i>Fish and Shellfish Immunology</i> , 2012, 32, 839-843.	3.6	27
12	Trypsin from the digestive system of carp <i>Cirrhinus mrigala</i> : Purification, characterization and its potential application. <i>Food Chemistry</i> , 2015, 175, 386-394.	8.2	27
13	Role of Stocking Density on Growth and Survival of <i>Catla</i> , <i>Catla catla</i> , and <i>Rohu</i> , <i>Labeo rohita</i> , Larvae and Water Quality in a Recirculating System. <i>Journal of Applied Aquaculture</i> , 2003, 14, 171-178.	1.4	26
14	Larval Rearing of Common Carp <i>Cyprinus carpio</i> : A Comparison Between Natural and Artificial Diets Under Three Stocking Densities. <i>Journal of the World Aquaculture Society</i> , 1999, 30, 490-495.	2.4	25
15	Simulation study of natural UV-B radiation on <i>Catla catla</i> and its impact on physiology, oxidative stress, Hsp 70 and DNA fragmentation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 149, 156-163.	3.8	19
16	Validation of growth enhancing, immunostimulatory and disease resistance properties of <i>Achyranthes aspera</i> in <i>Labeo rohita</i> fry in pond conditions. <i>Heliyon</i> , 2019, 5, e01246.	3.2	18
17	<i>Achyranthes aspera</i> (Prickly chaff flower) leaves- and seeds-supplemented diets regulate growth, innate immunity, and oxidative stress in <i>Aeromonas hydrophila</i> -challenged <i>Labeo rohita</i> . <i>Journal of Applied Aquaculture</i> , 2020, 32, 250-267.	1.4	18
18	Effect of UV-B Radiation on the Defence System of <i>Labeo Rohita</i> (Actinopterygii: Cypriniformes:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Ichthyologica Et Piscatoria</i> , 2013, 43, 119-126.	0.7	18

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19	Effects of Different Stocking Densities on Survival and Growth of Grass Carp, <i>Ctenopharyngodon idella</i> , Larvae Using a Recirculating Culture System. <i>Journal of Applied Aquaculture</i> , 1998, 8, 79-83.	1.4	17
20	Purification and characterization of trypsin from the digestive system of carp <i>Catla catla</i> (Hamilton). <i>International Aquatic Research</i> , 2012, 4, 9.	1.5	16
21	Impact of UV-B Radiation on the Physiology of Freshwater Carp <i>Labeo rohita</i> Larvae and Evaluation of UV-B Protective Properties of Seeds of <i>Achyranthes aspera</i> and Vitamin C. <i>Agricultural Research</i> , 2013, 2, 166-171.	1.7	16
22	Effects of UV-B radiation on the gills of <i>Catla catla</i> during early development. <i>Toxicological and Environmental Chemistry</i> , 2006, 88, 367-371.	1.2	13
23	Development of survivorship model for UV-B irradiated <i>Catla catla</i> larvae. <i>Aquatic Ecology</i> , 2008, 42, 17-23.	1.5	13
24	Oxygen stress: impact on innate immune system, antioxidant defence system and expression of HIF-1 α and ATPase 6 genes in <i>Catla catla</i> . <i>Fish Physiology and Biochemistry</i> , 2016, 42, 673-688.	2.3	13
25	Production potential of greater duckweed <i>Spirodela polyrhiza</i> (L. Schleiden) and its biochemical composition evaluation. <i>Aquaculture</i> , 2019, 513, 734-741.	3.5	13
26	Evaluation of immunostimulatory properties of prickly chaff flower <i>Achyranthes aspera</i> in rohu <i>Labeo rohita</i> fry in pond conditions. <i>Aquaculture</i> , 2019, 505, 183-189.	3.5	11
27	The impact of <i>Achyranthes aspera</i> seeds and leaves supplemented feeds on the survival, growth, immune system and specific genes involved in immunostimulation in <i>Clarias batrachus</i> fry challenged with <i>Aeromonas hydrophila</i> in pond conditions. <i>Fish and Shellfish Immunology</i> , 2021, 118, 11-18.	3.6	10
28	In vitro digestibility study of some plant protein sources as aquafeed for carps <i>Labeo rohita</i> and <i>Cyprinus carpio</i> using pH-Stat method. <i>Indian Journal of Experimental Biology</i> , 2016, 54, 606-611.	0.0	10
29	The study of ameliorative effect of dietary supplementation of vitamin C, vitamin E, and tryptophan on <i>Labeo rohita</i> (Cyprinidae) fry exposed to intense light. <i>Fish Physiology and Biochemistry</i> , 2019, 45, 1153-1165.	2.3	8
30	Effect of temperature on food consumption, immune system, antioxidant enzymes, and heat shock protein 70 of <i>Channa punctata</i> (Bloch, 1793). <i>Fish Physiology and Biochemistry</i> , 2021, 47, 79-91.	2.3	8
31	Effect of cortisol and triiodothyronine bath treatments on the digestive enzyme profile and growth of <i>Catla catla</i> larvae during ontogenic development. <i>Aquaculture Research</i> , 2017, 48, 2173-2185.	1.8	6
32	Physiological responses of <i>Catla catla</i> larvae fed with <i>Achyranthes aspera</i> seed enriched diet and exposed to UV-B radiation. <i>Indian Journal of Biochemistry and Biophysics</i> , 2015, 52, 155-60.	0.0	6
33	Title is missing!. <i>Aquatic Ecology</i> , 2000, 34, 205-207.	1.5	5
34	Freshwater Macrophytes: A Potential Source of Minerals and Fatty Acids for Fish, Poultry, and Livestock. <i>Frontiers in Nutrition</i> , 2022, 9, 869425.	3.7	5
35	Evaluation of UV-B protective properties of leaves and seeds of <i>Achyranthes aspera</i> in Asian catfish <i>Clarias batrachus</i> (Linn.). <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 1341-1356.	2.9	5
36	Title is missing!. <i>Aquaculture International</i> , 1998, 6, 293-301.	2.2	4

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37	Effect of Dietary Supplementation of Vitamin C and Seeds of <i>Achyranthes aspera</i> on Growth, Digestive Enzyme Activities, Immune System and Lipid Peroxidation of Snow Trout <i>Schizothorax richardsonii</i> . <i>Madridge Journal of Aquaculture Research & Development</i> , 2017, 1, 24-30.	0.5	4
38	Effect of light intensity on survival, growth and physiology of rohu, <i>Labeo rohita</i> (Cyprinidae) fry. <i>International Journal of Radiation Biology</i> , 2020, 96, 552-559.	1.8	3
39	Short-term <i>ex-vivo</i> exposure to hydrogen sulfide enhances murine hematopoietic stem and progenitor cell migration, homing, and proliferation. <i>Cell Adhesion and Migration</i> , 2020, 14, 214-226.	2.7	3
40	Effect of <i>Lemna minor</i> supplemented diets on growth, digestive physiology and expression of fatty acids biosynthesis genes of <i>Cyprinus carpio</i> . <i>Scientific Reports</i> , 2022, 12, 3711.	3.3	3
41	The study of effect of vitamin C and <i>Achyranthes aspera</i> seeds enriched diets on the growth, biochemical composition, digestive enzyme activities and expressions of genes involved in the biosynthesis of fatty acids in Snow trout <i>Schizothorax richardsonii</i> (Gray, 1832). <i>Journal of Applied Aquaculture</i> . 2023. 35. 489-509.	1.4	2
42	Assessment of Immunostimulatory Characteristics of <i>Achyranthes aspera</i> Seeds and Leaves Supplemented Diets in <i>Labeo rohita</i> Fingerlings. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2020, 20, 795-805.	0.9	2
43	Effect of leaves and seeds of <i>Achyranthes aspera</i> as feed supplements on the immunological and stress parameters and related gene expressions of Asian catfish (<i>Clarias batrachus</i>). <i>Veterinary Research Communications</i> , 2023, 47, 99-109.	1.6	2
44	Acute toxicity of ammonia to a freshwater teleost, <i>Labeo bata</i> larvae. <i>Toxicological and Environmental Chemistry</i> , 2007, 89, 327-336.	1.2	1
45	Viscera of <i>Labeo rohita</i> : A Potential Source of Trypsin for Industrial Application. <i>Journal of Aquatic Food Product Technology</i> , 2018, 27, 1078-1092.	1.4	0
46	Evaluation of UV-B Ameliorating Properties of Indigenous Plants <i>Ashwagandha Withania somnifera</i> (Dunal), <i>Amla Emblica officinalis</i> (Gaertn), and <i>Prickly Chaff Flower Achyranthes aspera</i> (L.) Supplemented Diets in Prior UV-B Exposed <i>Catla catla</i> . <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	0