

Amruta Mohapatra

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Cloning and characterization of linker histone H1 gene in rohu, <i>Labeo rohita</i> . <i>Animal Biotechnology</i> , 2022, 33, 745-756.	1.5	1
2	Vaccination approach to prevent <i>Argulus siamensis</i> infection-success, challenges and preparedness. <i>Fish and Shellfish Immunology Reports</i> , 2021, 2, 100023.	1.2	5
3	Structural-functional characterization of recombinant Apolipoprotein A-I from <i>Labeo rohita</i> demonstrates heat-resistant antimicrobial activity. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 145-159.	3.6	9
4	Molecular characterization and induced expression analysis of the terminal complement component C9 in rohu, <i>Labeo rohita</i> . <i>Aquaculture Research</i> , 2020, 51, 1415-1427.	1.8	1
5	Cloning and functional characterisation of natural killer enhancing factor-B (NKEF-B) gene of <i>Labeo rohita</i> : Anti-oxidant and antimicrobial activities of its recombinant protein. <i>Molecular Immunology</i> , 2020, 126, 73-86.	2.2	5
6	Hepcidin gene of Indian major carp, <i>Labeo rohita</i> : Molecular, structural and functional characterization, and antibacterial activity of recombinant hepcidin. <i>Aquaculture</i> , 2019, 511, 734218.	3.5	7
7	Selection of candidate reference genes for RT-qPCR analysis in <i>Argulus siamensis</i> and their validation through screening of drugs and drug targets. <i>Scientific Reports</i> , 2019, 9, 18365.	3.3	12
8	Identification and functional characterization of a g-type lysozyme gene of <i>Labeo rohita</i> , an Indian major carp species. <i>Developmental and Comparative Immunology</i> , 2019, 92, 87-98.	2.3	18
9	Transcriptional analysis of immune-relevant genes in the mucus of <i>Labeo rohita</i> , experimentally infected with <i>Argulus siamensis</i> . <i>Acta Parasitologica</i> , 2018, 63, 125-133.	1.1	9
10	<i>Labeo rohita</i> and <i>Argulus siamensis</i> infection: Host size, local inflammatory reaction and immunity modulate ectoparasite load on fish. <i>Aquaculture Research</i> , 2018, 49, 757-766.	1.8	12
11	Dynamics of expression of antibacterial and antioxidant defence genes in Indian major carp, <i>Labeo rohita</i> in response to <i>Aeromonas hydrophila</i> infection. <i>Microbial Pathogenesis</i> , 2018, 125, 108-115.	2.9	15
12	Evaluation of ribosomal PO peptide as a vaccine candidate against <i>Argulus siamensis</i> in <i>Labeo rohita</i> . <i>Open Life Sciences</i> , 2017, 12, 99-108.	1.4	11
13	Apolipoprotein A-I in <i>Labeo rohita</i> : Cloning and functional characterisation reveal its broad spectrum antimicrobial property, and indicate significant role during ectoparasitic infection. <i>Fish and Shellfish Immunology</i> , 2016, 55, 717-728.	3.6	28
14	Variation in susceptibility pattern of fish to <i>Argulus siamensis</i> : Do immune responses of host play a role?. <i>Veterinary Parasitology</i> , 2016, 221, 76-83.	1.8	16
15	Molecular characterization of interleukin 15 mRNA from rohu, <i>Labeo rohita</i> (Hamilton): Its prominent role during parasitic infection as indicated from infection studies. <i>Fish and Shellfish Immunology</i> , 2015, 43, 25-35.	3.6	18
16	Transcriptional changes in three immunoglobulin isotypes of rohu, <i>Labeo rohita</i> in response to <i>Argulus siamensis</i> infection. <i>Fish and Shellfish Immunology</i> , 2015, 47, 28-33.	3.6	22
17	Cloning and Characterization of Antimicrobial Peptide, Hepcidin in Medium Carp, <i>Puntius sarana</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 2015, 21, 139-147.	1.9	12
18	De novo whole transcriptome analysis of the fish louse, <i>Argulus siamensis</i> : First molecular insights into characterization of Toll downstream signalling molecules of crustaceans. <i>Experimental Parasitology</i> , 2013, 135, 629-641.	1.2	25