Banikalyan Swain

List of Publications by Year
in descending order

19	595	643344 15	889612 19
papers	citations	h-index	g-index

19	19	19	698
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Virulence, immunogenicity and live vaccine potential of aroA and phoP mutants of Edwardsiella piscicida in zebrafish. Microbial Pathogenesis, 2022, 162, 105355.	1.3	4
2	Construction and Evaluation of Recombinant Attenuated Edwardsiella piscicida Vaccine (RAEV) Vector System Encoding Ichthyophthirius multifiliis (Ich) Antigen IAG52B. Frontiers in Immunology, 2021, 12, 802760.	2.2	1
3	Pathogenicity and immunogenicity of Edwardsiella piscicida ferric uptake regulator (fur) mutations in zebrafish. Fish and Shellfish Immunology, 2020, 107, 497-510.	1.6	13
4	Molecular cloning and characterization of LrTLR4, analysis of its inductive expression and associated down-stream signaling molecules following lipopolysaccharide stimulation and Gram-negative bacterial infection. Fish and Shellfish Immunology, 2017, 60, 164-176.	1.6	26
5	Immunoglobulin (Ig) D in Labeo rohita is widely expressed and differentially modulated in viral, bacterial and parasitic antigenic challenges. Veterinary Immunology and Immunopathology, 2016, 179, 77-84.	0.5	23
6	Modulation of TLR2, TLR4, TLR5, NOD1 and NOD2 receptor gene expressions and their downstream signaling molecules following thermal stress in the Indian major carp catla (Catla catla). 3 Biotech, 2015, 5, 1021-1030.	1.1	33
7	Characterization and Inductive Expression Analysis of Interferon Gamma-Related Gene in the Indian Major Carp, Rohu (Labeo rohita). DNA and Cell Biology, 2015, 34, 367-378.	0.9	29
8	Toll-Like Receptor 22 in Labeo rohita: Molecular Cloning, Characterization, 3D Modeling, and Expression Analysis Following Ligands Stimulation and Bacterial Infection. Applied Biochemistry and Biotechnology, 2014, 174, 309-327.	1.4	43
9	LRRsearch: An asynchronous server-based application for the prediction of leucine-rich repeat motifs and an integrative database of NOD-like receptors. Computers in Biology and Medicine, 2014, 53, 164-170.	3.9	34
10	Molecular cloning and characterization of toll-like receptor 3, and inductive expression analysis of type I IFN, Mx and pro-inflammatory cytokines in the Indian carp, rohu (Labeo rohita). Molecular Biology Reports, 2013, 40, 225-235.	1.0	46
11	Activation of Nucleotide-Binding Oligomerization Domain 1 (NOD1) Receptor Signaling in Labeo rohita by iE-DAP and Identification of Ligand-Binding Key Motifs in NOD1 by Molecular Modeling and Docking. Applied Biochemistry and Biotechnology, 2013, 170, 1282-1309.	1.4	21
12	NOD1 and NOD2 receptors in mrigal (Cirrhinus mrigala): Inductive expression and downstream signalling in ligand stimulation and bacterial infections. Journal of Biosciences, 2013, 38, 533-548.	0.5	46
13	Identification of MDP (muramyl dipeptide)-binding key domains in NOD2 (nucleotide-binding and) Tj ETQq1 1 0.784314 rgBT /Overlock 1007-1023.	0.9	20
14	Elucidation of Novel Structural Scaffold in Rohu TLR2 and Its Binding Site Analysis with Peptidoglycan, Lipoteichoic Acid and Zymosan Ligands, and Downstream MyD88 Adaptor Protein. BioMed Research International, 2013, 2013, 1-15.	0.9	22
15	Molecular characterization of toll-like receptor 2 (TLR2), analysis of its inductive expression and associated down-stream signaling molecules following ligands exposure and bacterial infection in the Indian major carp, rohu (Labeo rohita). Fish and Shellfish Immunology, 2012, 32, 411-425.	1.6	79
16	Molecular cloning and characterization of nucleotide binding and oligomerization domain-1 (NOD1) receptor in the Indian Major Carp, rohu (Labeo rohita), and analysis of its inductive expression and down-stream signalling molecules following ligands exposure and Gram-negative bacterial infections. Fish and Shellfish Immunology, 2012, 32, 899-908.	1.6	60
17	Structural insights of rohu TLR3, its binding site analysis with fish reovirus dsRNA, poly I:C and zebrafish TRIF. International Journal of Biological Macromolecules, 2012, 51, 531-543.	3.6	35
18	Induction of toll-like receptor (TLR) 2, and MyD88-dependent TLR- signaling in response to ligand stimulation and bacterial infections in the Indian major carp, mrigal (Cirrhinus mrigala). Molecular Biology Reports, 2012, 39, 6015-6028.	1.0	55

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19	3D modeling and molecular dynamics simulation of an immune-regulatory cytokine, interleukin-10, from the Indian major carp, Catla catla. Journal of Molecular Modeling, 2012, 18, 1713-1722.	0.8	5