

Banikalyan Swain

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

595
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Virulence, immunogenicity and live vaccine potential of <i>aroA</i> and <i>phoP</i> mutants of <i>Edwardsiella piscicida</i> in zebrafish. <i>Microbial Pathogenesis</i> , 2022, 162, 105355.	2.9	4
2	Construction and Evaluation of Recombinant Attenuated <i>Edwardsiella piscicida</i> Vaccine (RAEV) Vector System Encoding <i>Ichthyophthirius multifiliis</i> (Ich) Antigen IAG52B. <i>Frontiers in Immunology</i> , 2021, 12, 802760.	4.8	1
3	Pathogenicity and immunogenicity of <i>Edwardsiella piscicida</i> ferric uptake regulator (<i>fur</i>) mutations in zebrafish. <i>Fish and Shellfish Immunology</i> , 2020, 107, 497-510.	3.6	13
4	Molecular cloning and characterization of <i>LrTLR4</i> , analysis of its inductive expression and associated down-stream signaling molecules following lipopolysaccharide stimulation and Gram-negative bacterial infection. <i>Fish and Shellfish Immunology</i> , 2017, 60, 164-176.	3.6	26
5	Immunoglobulin (Ig) D in <i>Labeo rohita</i> is widely expressed and differentially modulated in viral, bacterial and parasitic antigenic challenges. <i>Veterinary Immunology and Immunopathology</i> , 2016, 179, 77-84.	1.2	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 (<i>Catla catla</i>). <i>3 Biotech</i> , 2015, 5, 1021-1030.	2.2	33
7	Characterization and Inductive Expression Analysis of Interferon Gamma-Related Gene in the Indian Major Carp, Rohu (<i>Labeo rohita</i>). <i>DNA and Cell Biology</i> , 2015, 34, 367-378.	1.9	29
8	Toll-Like Receptor 22 in <i>Labeo rohita</i> : Molecular Cloning, Characterization, 3D Modeling, and Expression Analysis Following Ligands Stimulation and Bacterial Infection. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 309-327.	2.9	43
9	LRRsearch: An asynchronous server-based application for the prediction of leucine-rich repeat motifs and an integrative database of NOD-like receptors. <i>Computers in Biology and Medicine</i> , 2014, 53, 164-170.	7.0	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 (<i>Labeo rohita</i>). <i>Molecular Biology Reports</i> , 2013, 40, 225-235.	2.3	46
11	Activation of Nucleotide-Binding Oligomerization Domain 1 (NOD1) Receptor Signaling in <i>Labeo rohita</i> by iE-DAP and Identification of Ligand-Binding Key Motifs in NOD1 by Molecular Modeling and Docking. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 1282-1309.	2.9	21
12	NOD1 and NOD2 receptors in <i>mrigal</i> (<i>Cirrhinus mrigala</i>): Inductive expression and downstream signalling in ligand stimulation and bacterial infections. <i>Journal of Biosciences</i> , 2013, 38, 533-548.	1.1	46
13	Identification of MDP (muramyl dipeptide)-binding key domains in NOD2 (nucleotide-binding and) Tj ETQq1 1 0.784314 rgBT /Overl... 1007-1023.	2.3	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. <i>BioMed Research International</i> , 2013, 2013, 1-15.	1.9	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 (<i>Labeo rohita</i>). <i>Fish and Shellfish Immunology</i> , 2012, 32, 411-425.	3.6	79
16	Molecular cloning and characterization of nucleotide binding and oligomerization domain-1 (NOD1) receptor in the Indian Major Carp, rohu (<i>Labeo rohita</i>), and analysis of its inductive expression and down-stream signalling molecules following ligands exposure and Gram-negative bacterial infections. <i>Fish and Shellfish Immunology</i> , 2012, 32, 899-908.	3.6	60
17	Structural insights of rohu TLR3, its binding site analysis with fish reovirus dsRNA, poly I:C and zebrafish TRIF. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 531-543.	7.5	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, <i>mrigal</i> (<i>Cirrhinus mrigala</i>). <i>Molecular Biology Reports</i> , 2012, 39, 6015-6028.	2.3	55

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19	3D modeling and molecular dynamics simulation of an immune-regulatory cytokine, interleukin-10, from the Indian major carp, <i>Catla catla</i> . <i>Journal of Molecular Modeling</i> , 2012, 18, 1713-1722.	1.8	5