Gaurav Rathore

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1805495/publications.pdf

Version: 2024-02-01

42 papers	910 citations	430874 18 h-index	477307 29 g-index
42 all docs	42 docs citations	42 times ranked	847 citing authors

#	Article	IF	Citations
1	Growth, non-specific immunity and disease resistance of Labeo rohita against Aeromonas hydrophila in biofloc systems using different carbon sources. Aquaculture, 2016, 457, 61-67.	3.5	125
2	Enhanced growth and immuno-physiological response of Genetically Improved Farmed Tilapia in indoor biofloc units at different stocking densities. Aquaculture Research, 2017, 48, 4346-4355.	1.8	76
3	Detection of aerolysin gene in Aeromonas hydrophila isolated from fish and pond water. Indian Journal of Microbiology, 2008, 48, 453-458.	2.7	61
4	Vibrio alginolyticusinfection in Asian seabass (Lates calcarifer, Bloch) reared in open sea floating cages in India. Aquaculture Research, 2012, 44, 86-92.	1.8	50
5	Effect of water flow rates on growth of Cyprinus carpio var. koi (Cyprinus carpio L., 1758) and spinach plant in aquaponic system. Aquaculture International, 2015, 23, 369-384.	2.2	39
6	Isolation and characterization of outer membrane proteins of Edwardsiella tarda and its application in immunoassays. Aquaculture, 2007, 272, 98-104.	3.5	38
7	Utilization of phytoremediated aquaculture wastewater for production of koi carp (Cyprinus carpio) Tj ETQq1 1 0.784314 rgBT /Overl	3.5	34
8	Virulence characteristics of Aeromonas veronii biovars isolated from infected freshwater goldfish (Carassius auratus). Aquaculture, 2020, 518, 734819.	3.5	34
9	Gene cloning, expression and homology modeling of hemolysin gene from Aeromonas hydrophila. Protein Expression and Purification, 2009, 65, 1-7.	1.3	32
10	Optimizing Koi Carp, Cyprinus carpio var. Koi (Linnaeus, 1758), Stocking Density and Nutrient Recycling With Spinach in an Aquaponic System. Journal of the World Aquaculture Society, 2014, 45, 652-661.	2.4	32
11	Carbon sources affect water quality and haematoâ€biochemical responses ofLabeo rohitain zeroâ€water exchange biofloc system. Aquaculture Research, 2019, 50, 2879-2887.	1.8	29
12	Development of monoclonal antibodies to rohu [Labeo rohita] immunoglobulins for use in immunoassays. Fish and Shellfish Immunology, 2008, 25, 761-774.	3.6	26
13	Bicistronic DNA vaccine against Edwardsiella tarda infection in Labeo rohita : Construction and comparative evaluation of its protective efficacy against monocistronic DNA vaccine. Aquaculture, 2018, 485, 201-209.	3.5	24
14	Gene Cloning, Expression, and Characterization of Recombinant Aerolysin from Aeromonas hydrophila. Applied Biochemistry and Biotechnology, 2010, 160, 1985-1991.	2.9	22
15	Development and characterization of three new diploid cell lines from Labeo rohita (Ham.). Biotechnology Progress, 2010, 26, 1008-1013.	2.6	22
16	Establishment of caudal fin cell lines from tropical ornamental fishes Puntius fasciatus and Pristolepis fasciata endemic to the Western Ghats of India. Acta Tropica, 2013, 128, 536-541.	2.0	21
17	Establishment and characterization of an epithelial cell line from thymus of Catla catla (Hamilton,) Tj ETQq1 1 0.784314 rgBT /Overlo	2.2	20
18	Koi Herpes Virus: A Review and Risk Assessment of Indian Aquaculture. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2012, 23, 124-133.	0.7	19

#	Article	IF	Citations
19	New host record of five Flavobacterium species associated with tropical fresh water farmed fishes from North India. Brazilian Journal of Microbiology, 2015, 46, 969-976.	2.0	17
20	Establishment and characterization of a continuous cell line from heart of Nile tilapia Oreochromis niloticus and its susceptibility to tilapia lake virus. Journal of Virological Methods, 2021, 287, 113989.	2.1	16
21	Proteomic analysis of outer membrane proteins of Edwardsiella tarda. Journal of Applied Microbiology, 2009, 108, no-no.	3.1	15
22	Monoclonal antibodies to snakehead, Channa striata immunoglobulins: Detection and quantification of immunoglobulin-positive cells in blood and lymphoid organs. Fish and Shellfish Immunology, 2011, 30, 569-575.	3.6	15
23	Outer membrane protein assembly factor <scp>Y</scp>ae<scp>T</scp> (omp85) and <scp>G</scp>ro<scp>EL</scp> proteins of <scp>E</scp>dwardsiella tarda are immunogenic antigens for <scp>L</scp>abeo rohita (<scp>H</scp>amilton). Journal of Fish Diseases, 2014, 37, 1055-1059.	1.9	15
24	Establishment and characterization of macrophage cell line from thymus ofCatla catla(Hamilton, 1822). Aquaculture Research, 2014, 45, 299-311.	1.8	13
25	Establishment of a leukocyte cell line derived from peritoneal macrophages of fish, Labeo rohita (Hamilton, 1822). Cytotechnology, 2015, 67, 85-96.	1.6	12
26	Production of monoclonal antibodies specific to major outer membrane protein of Edwardsiella tarda. Comparative Immunology, Microbiology and Infectious Diseases, 2010, 33, 133-144.	1.6	11
27	Establishment of a macrophage cell line from adherent peripheral blood mononuclear cells of Catla catla. In Vitro Cellular and Developmental Biology - Animal, 2012, 48, 340-348.	1.5	11
28	Virulence potential of Aeromonas hydrophila isolated from apparently healthy freshwater food fish. Biologia (Poland), 2021, 76, 1005-1015.	1.5	11
29	Development and characterization of a continuous macrophage cell line, LRTM, derived from thymus of Labeo rohita (Hamilton 1822). In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 22-38.	1.5	9
30	Kocuria FlavaInduced Growth and Chromium Accumulation inCicer ArietinumL. International Journal of Phytoremediation, 2014, 16, 14-28.	3.1	8
31	Aeromonas hydrophila infection induces Toll-like receptor 2 (tlr2) and associated downstream signaling in Indian catfish, Clarias magur (Hamilton, 1822). PeerJ, 2021, 9, e12411.	2.0	8
32	Genotyping of Aeromonas hydrophila by Box elements. Microbiology, 2010, 79, 370-373.	1.2	7
33	Derivation and Characterization of a ES-Like Cell Line from Indian CatfishHeteropneustes fossilisBlastulas. Scientific World Journal, The, 2014, 2014, 1-9.	2.1	7
34	Effect of immunization of rohu Labeo rohita with inactivated germinated zoospores in providing protection against Aphanomyces invadans. Fish and Shellfish Immunology, 2018, 78, 195-201.	3.6	6
35	Monoclonal antibody to serum immunoglobulins of Clarias batrachus and its application in immunoassays. Gene, 2012, 511, 411-419.	2.2	5
36	Effect of spatio-temporal variables, host fish species and on-farm biosecurity measures on the prevalence of potentially pathogenic Aeromonas species in freshwater fish farms. Journal of Applied Microbiology, 2022, 132, 1700-1712.	3.1	5

#	Article	IF	Citations
37	Identification of reference genes for quantitative expression analysis in Indian catfish,Clarias magur, under physiological and pathological conditions. Aquaculture Research, 2022, 53, 2785-2795.	1.8	4
38	Antibacterial activity of palmarosa oil significantly varies between Aeromonas veronii and Aeromonas caviae and exhibits selective action on tetracycline and sulfonamide resistant A. caviae. Journal of Applied Microbiology, 2022, 132, 4321-4329.	3.1	4
39	Production and characterization of a monoclonal antibody against putative T lymphocytes of Catla catla. In Vitro Cellular and Developmental Biology - Animal, 2012, 48, 483-492.	1.5	3
40	Development and characterization of a monoclonal antibody against the putative T cells of Labeo rohita. Cytotechnology, 2016, 68, 469-480.	1.6	2
41	Identification of hypervariable regions within the 16Sâ€“23S rRNA intergenic spacer region of Flavobacterium columnare and its application in assigning genomovar group to an individual strain. Molecular Biology, 2014, 48, 556-562.	1.3	1
42	Establishment and characterization of a continuous cell line from caudal fin of Labeo calbasu (Hamilton, 1822). Cell Biology International, 2022, 46, 1299-1304.	3.0	1