Amod Kulkarni

List of Publications by Year
in descending order

28 papers	424 citations	932766 10 h-index	752256 20 g-index
28 all docs	28 docs citations	28 times ranked	535 citing authors

#	Article	IF	Citations
1	Simple and rapid pipeline for the production of cyclic and linear small-sized peptides in E. coli. Protein Expression and Purification, 2022, 191, 106026.	0.6	1
2	Engineering the Single Domain Antibodies Targeting Receptor Binding Motifs Within the Domain III of West Nile Virus Envelope Glycoprotein. Frontiers in Microbiology, 2022, 13, 801466.	1.5	3
3	Signaling events evoked by domain III of envelop glycoprotein of tick-borne encephalitis virus and West Nile virus in human brain microvascular endothelial cells. Scientific Reports, 2022, 12, .	1.6	3
4	Prospects of Vaccination in Crustaceans with Special Reference to Shrimp. , 2022, , 181-216.		2
5	Immune responses and immunoprotection in crustaceans with special reference to shrimp. Reviews in Aquaculture, 2021, 13, 431-459.	4.6	84
6	Fundamental and Advanced Therapies, Vaccine Development against SARS-CoV-2. Pathogens, 2021, 10, 636.	1.2	2
7	Three Draft Genome Sequences of White Spot Syndrome Virus from India. Microbiology Resource Announcements, 2021, 10, e0057921.	0.3	2
8	Development of peptides targeting receptor binding site of the envelope glycoprotein to contain the West Nile virus infection. Scientific Reports, 2021, 11, 20131.	1.6	6
9	Comprehensive Mapping of the Cell Response to Borrelia bavariensis in the Brain Microvascular Endothelial Cells in vitro Using RNA-Seq. Frontiers in Microbiology, 2021, 12, 760627.	1.5	6
10	Single Domain Antibodies Targeting Receptor Binding Pockets of NadA Restrain Adhesion of Neisseria meningitidis to Human Brain Microvascular Endothelial Cells. Frontiers in Molecular Biosciences, 2020, 7, 573281.	1.6	8
11	Identification of the proteins of Borrelia garinii interacting with human brain microvascular endothelial cells. Ticks and Tick-borne Diseases, 2020, 11, 101451.	1.1	13
12	A simple and rapid pipeline for identification of receptor-binding sites on the surface proteins of pathogens. Scientific Reports, 2020, 10, 1163.	1.6	5
13	Transcriptome analysis of human brain microvascular endothelial cells response to Neisseria meningitidis and its antigen MafA using RNA-seq. Scientific Reports, 2019, 9, 18763.	1.6	18
14	Recognition of purified beta 1,3/1,6 glucan and molecular signalling in the intestine of Atlantic salmon. Developmental and Comparative Immunology, 2016, 56, 57-66.	1.0	48
15	TALENs-mediated gene disruption of myostatin produces a larger phenotype of medaka with an apparently compromised immune system. Fish and Shellfish Immunology, 2016, 48, 212-220.	1.6	33
16	A Microbial Feed Additive Abates Intestinal Inflammation in Atlantic Salmon. Frontiers in Immunology, 2015, 6, 409.	2.2	57
17	Expression profile of bio-defense genes in Penaeus monodon gills in response to formalin inactivated white spot syndrome virus vaccine. Antiviral Research, 2015, 117, 60-68.	1.9	18
18	Protein profiling in the gut of Penaeus monodon gavaged with oral WSSVâ€vaccines and live white spot syndrome virus. Proteomics, 2014, 14, 1660-1673.	1.3	22

#	Article	IF	Citations
19	Evaluation of immune and apoptosis related gene responses using an RNAi approach in vaccinated Penaeus monodon during oral WSSV infection. Marine Genomics, 2014, 18, 55-65.	0.4	10
20	Development of a monoclonal antibodyâ€based flowâ€through immunoassay (<scp>FTA</scp>) for detection of white spot syndrome virus (<scp>WSSV</scp>) in black tiger shrimp <scp>P</scp>enaeus monodon. Journal of Fish Diseases, 2013, 36, 753-762.	0.9	16
21	Truncated VP28 as oral vaccine candidate against WSSV infection in shrimp: AnÂuptake and processing study in the midgut of Penaeus monodon. Fish and Shellfish Immunology, 2013, 34, 159-166.	1.6	22
22	Epitope analysis of white spot syndrome virus of Penaeus monodon by in vivo neutralization assay employing a panel of monoclonal antibodies. Fish and Shellfish Immunology, 2011, 30, 1007-1013.	1.6	7
23	Physiological responses of a cold-water shrimp, Pandalus borealis to bacterial lipopolysaccharide and synthetic double-stranded RNA, poly I:C. Journal of Experimental Marine Biology and Ecology, 2011, 409, 180-185.	0.7	0
24	Molecular diagnosis of francisellosis, a systemic granulomatous inflammatory disease in Atlantic cod, Gadus morhua L. Veterinary Research Communications, 2011, 35, 67-77.	0.6	2
25	Detection of Francisella piscicida in Atlantic cod (Gadus morhua L) by the loop-mediated isothermal amplification (LAMP) reaction. Veterinary Journal, 2010, 184, 357-361.	0.6	16
26	Simultaneous detection of pathogens causing francisellosis, furunculosis and vibriosis in Atlantic cod by multiplex polymerase chain reaction. Aquaculture Research, 2009, 41, 1533.	0.9	3
27	LOOPâ€MEDIATED ISOTHERMAL AMPLIFICATION â€“ AN ASSAY FOR THE DETECTION OF ATYPICAL FURUNCULOSIS CAUSED BY AEROMONAS SALMONICIDA IN ATLANTIC COD, GADUS MORHUA. Journal of Rapid Methods and Automation in Microbiology, 2009, 17, 476-489.	0.4	11
28	USE OF LOOPâ€MEDIATED ISOTHERMAL AMPLIFICATION ASSAY FOR THE DETECTION OF VIBRIO ANGUILLARUM O2Î², THE CAUSATIVE AGENT OF VIBRIOSIS IN ATLANTIC COD, GADUS MORHUA. Journal of Rapid Methods and Automation in Microbiology, 2009, 17, 503-518.	0.4	6