

Rajendran Kv

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,279
citations

430442

18
h-index

360668

35
g-index

39
all docs

39
docs citations

39
times ranked

1109
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepatic microsporidiosis of mudskipper, <i>Boleophthalmus dussumieri</i> Valenciennes, 1837 (Perciformes: Tj ETQq1 1,0,784314,0rgBT /Overlock 1	10.4	10
2	Monodon baculovirus (MBV) infects wild mud crab, <i>Scylla serrata</i> . <i>Journal of Invertebrate Pathology</i> , 2022, 187, 107701.	1.5	3
3	Immune responses and immunoprotection in crustaceans with special reference to shrimp. <i>Reviews in Aquaculture</i> , 2021, 13, 431-459.	4.6	84
4	Microbiological investigation of Tilapia lake virus-associated mortalities in cage-farmed <i>Oreochromis niloticus</i> in India. <i>Aquaculture International</i> , 2021, 29, 511-526.	1.1	6
5	A novel myxozoan parasite, <i>Ellipsomyxa boleophthalmi</i> sp. nov. (Myxozoa: Ceratomyxidae) in the brackishwater fish, <i>Boleophthalmus dussumieri</i> Valenciennes, 1837 (Perciformes: Gobiidae) from India. <i>Parasitology Research</i> , 2021, 120, 1269-1279.	0.6	4
6	The rise of the syndrome - sub-optimal growth disorders in farmed shrimp. <i>Reviews in Aquaculture</i> , 2021, 13, 1888-1906.	4.6	22
7	Three Draft Genome Sequences of White Spot Syndrome Virus from India. <i>Microbiology Resource Announcements</i> , 2021, 10, e0057921.	0.3	2
8	Responses of some innate immune genes involved in the toll pathway in black tiger shrimp (<i>Penaeus</i>) Tj ETQq0 0 0 rgBT /Overlock 1 <i>Aquaculture Society</i> , 2020, 51, 1419-1429.	1.2	6
9	Toll-like receptor (TLR) 22, a non-mammalian TLR in Asian seabass, <i>Lates calcarifer</i> : Characterisation, ontogeny and inductive expression upon exposure with bacteria and ligands. <i>Developmental and Comparative Immunology</i> , 2018, 81, 180-186.	1.0	29
10	Molecular characterisation, ontogeny and expression analysis of melanoma differentiation-associated factor 5 (MDA5) from Asian seabass, <i>Lates calcarifer</i> . <i>Developmental and Comparative Immunology</i> , 2018, 78, 71-82.	1.0	15
11	Nucleotide-binding oligomerization domain-containing protein 1 (NOD1) in Asian seabass, <i>Lates calcarifer</i> : Cloning, ontogeny and expression analysis following bacterial infection or ligand stimulation. <i>Fish and Shellfish Immunology</i> , 2018, 79, 153-162.	1.6	13
12	Ontogenetic and expression of different genes involved in the Toll pathway of black tiger shrimp (<i>Penaeus monodon</i>) following immersion challenge with <i>Vibrio harveyi</i> and white spot syndrome virus (WSSV). <i>Agri Gene</i> , 2018, 8, 63-71.	1.9	5
13	Identification, ontogeny and expression analysis of a novel laboratory of genetics and physiology 2 (LGP2) transcript in Asian seabass, <i>Lates calcarifer</i> . <i>Fish and Shellfish Immunology</i> , 2017, 62, 265-275.	1.6	13
14	Ontogeny and expression analysis of tube (interleukin-1 receptor-associated kinase-4 homolog) from <i>Penaeus monodon</i> in response to white spot syndrome virus infection and on exposure to ligands. <i>Agri Gene</i> , 2017, 3, 21-31.	1.9	7
15	Identification of Nod like receptor C3 (NLRC3) in Asian seabass, <i>Lates calcarifer</i> : Characterisation, ontogeny and expression analysis after experimental infection and ligand stimulation. <i>Fish and Shellfish Immunology</i> , 2016, 55, 602-612.	1.6	40
16	Report of leucine-rich repeats (LRRs) from <i>Scylla serrata</i> : Ontogeny, molecular cloning, characterization and expression analysis following ligand stimulation, and upon bacterial and viral infections. <i>Gene</i> , 2016, 590, 159-168.	1.0	12
17	Emergence of <i>Enterocytozoon hepatopenaei</i> (EHP) in farmed <i>Penaeus</i> (<i>Litopenaeus</i>) <i>vannamei</i> in India. <i>Aquaculture</i> , 2016, 454, 272-280.	1.7	117
18	Molecular cloning, characterisation and expression analysis of melanoma differentiation associated gene 5 (MDA5) of green chromide, <i>Etroplus suratensis</i> . <i>Gene</i> , 2015, 557, 172-181.	1.0	19

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19	Development of SYBR Green and TaqMan quantitative real-time PCR assays for hepatopancreatic parvovirus (HPV) infecting <i>Penaeus monodon</i> in India. <i>Molecular and Cellular Probes</i> , 2015, 29, 442-448.	0.9	9
20	Toll-like receptor of mud crab, <i>Scylla serrata</i> : molecular characterisation, ontogeny and functional expression analysis following ligand exposure, and bacterial and viral infections. <i>Molecular Biology Reports</i> , 2014, 41, 6865-6877.	1.0	17
21	Development of primary cell cultures from mud crab, <i>Scylla serrata</i> , and their potential as an in vitro model for the replication of white spot syndrome virus. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 406-416.	0.7	27
22	Toll-pathway in tiger shrimp (<i>Penaeus monodon</i>) responds to white spot syndrome virus infection: Evidence through molecular characterisation and expression profiles of MyD88, TRAF6 and TLR genes. <i>Fish and Shellfish Immunology</i> , 2014, 41, 441-454.	1.6	80
23	Molecular cloning, sequencing and tissue-level expression of complement C3 of <i>Labeo rohita</i> (Hamilton, 1822). <i>Fish and Shellfish Immunology</i> , 2014, 40, 319-330.	1.6	25
24	Pathogen recognition receptors in channel catfish: III Phylogeny and expression analysis of Toll-like receptors. <i>Developmental and Comparative Immunology</i> , 2013, 40, 185-194.	1.0	112
25	Nonspecific Effect of Double-Stranded (ds) RNA on Prophenoloxidase (proPO) Expression in <i>Penaeus monodon</i> . <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 281-289.	1.4	13
26	<i>Monodon Baculovirus of Shrimp</i> . <i>Indian Journal of Virology: an Official Organ of Indian Virological Society</i> , 2012, 23, 149-160.	0.7	15
27	Production and characterization of monoclonal antibodies to the hemocytes of mud crab, <i>Scylla serrata</i> . <i>Journal of Invertebrate Pathology</i> , 2012, 111, 86-89.	1.5	6
28	Pathogen recognition receptors in channel catfish: I. Identification, phylogeny and expression of NOD-like receptors. <i>Developmental and Comparative Immunology</i> , 2012, 37, 77-86.	1.0	98
29	Pathogen recognition receptors in channel catfish: II. Identification, phylogeny and expression of retinoic acid-inducible gene I (RIG-I)-like receptors (RLRs). <i>Developmental and Comparative Immunology</i> , 2012, 37, 381-389.	1.0	86
30	Natural host-range and experimental transmission of Laem-Singh virus (LSNV). <i>Diseases of Aquatic Organisms</i> , 2011, 96, 21-27.	0.5	10
31	DNA constructs expressing long-hairpin RNA (lhRNA) protect <i>Penaeus monodon</i> against White Spot Syndrome Virus. <i>Vaccine</i> , 2009, 27, 3849-3855.	1.7	32
32	RNA interference-based therapeutics for shrimp viral diseases. <i>Diseases of Aquatic Organisms</i> , 2009, 86, 263-272.	0.5	24
33	A key gene of the RNA interference pathway in the black tiger shrimp, <i>Penaeus monodon</i> : Identification and functional characterisation of Dicer-1. <i>Fish and Shellfish Immunology</i> , 2008, 24, 223-233.	1.6	88
34	White spot syndrome virus (WSSV) infection in tiger shrimp <i>Penaeus monodon</i> : A non-lethal histopathological rapid diagnostic method using paraffin and frozen sections. <i>Aquaculture International</i> , 2005, 13, 341-349.	1.1	9
35	A comparative study of white spot syndrome virus infection in shrimp from India and Korea. <i>Journal of Invertebrate Pathology</i> , 2003, 84, 173-176.	1.5	2
36	PCR amplification and sequence analysis of irido-like virus infecting fish in Korea. <i>Journal of Fish Diseases</i> , 2002, 25, 121-124.	0.9	48

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37	Experimental susceptibility of different life-stages of the giant freshwater prawn, <i>Macrobrachium rosenbergii</i> (de Man), to white spot syndrome virus (WSSV). <i>Journal of Fish Diseases</i> , 2002, 25, 201-207.	0.9	41
38	Experimental host range and histopathology of white spot syndrome virus (WSSV) infection in shrimp, prawns, crabs and lobsters from India. <i>Journal of Fish Diseases</i> , 1999, 22, 183-191.	0.9	139