# Rajendran Kv

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3826142/publications.pdf

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|---|---|---|---|
| 38 papers | 1,279 citations | 430754 18 h-index | 360920 35 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 1109 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Experimental host range and histopathology of white spot syndrome virus (WSSV) infection in shrimp, prawns, crabs and lobsters from India. Journal of Fish Diseases, 1999, 22, 183-191. | 0.9 | 139 |
| 2 | Emergence of Enterocytozoon hepatopenaei (EHP) in farmed Penaeus (Litopenaeus) vannamei in India. Aquaculture, 2016, 454, 272-280. | 1.7 | 117 |
| 3 | Pathogen recognition receptors in channel catfish: III Phylogeny and expression analysis of Toll-like receptors. Developmental and Comparative Immunology, 2013, 40, 185-194. | 1.0 | 112 |
| 4 | Pathogen recognition receptors in channel catfish: I. Identification, phylogeny and expression of NOD-like receptors. Developmental and Comparative Immunology, 2012, 37, 77-86. | 1.0 | 98 |
| 5 | A key gene of the RNA interference pathway in the black tiger shrimp, Penaeus monodon: Identification and functional characterisation of Dicer-1. Fish and Shellfish Immunology, 2008, 24, 223-233. | 1.6 | 88 |
| 6 | Pathogen recognition receptors in channel catfish: II. Identification, phylogeny and expression of retinoic acid-inducible gene I (RIG-I)-like receptors (RLRs). Developmental and Comparative Immunology, 2012, 37, 381-389. | 1.0 | 86 |
| 7 | Immune responses and immunoprotection in crustaceans with special reference to shrimp. Reviews in Aquaculture, 2021, 13, 431-459. | 4.6 | 84 |
| 8 | Toll-pathway in tiger shrimp (Penaeus monodon) responds to white spot syndrome virus infection: Evidence through molecular characterisation and expression profiles of MyD88, TRAF6 and TLR genes. Fish and Shellfish Immunology, 2014, 41, 441-454. | 1.6 | 80 |
| 9 | PCR amplification and sequence analysis of irido-like virus infecting fish in Korea. Journal of Fish Diseases, 2002, 25, 121-124. | 0.9 | 48 |
| 10 | Experimental susceptibility of different life-stages of the giant freshwater prawn, Macrobrachium rosenbergii (de Man), to white spot syndrome virus (WSSV). Journal of Fish Diseases, 2002, 25, 201-207. | 0.9 | 41 |
| 11 | Identification of Nod like receptor C3 (NLRC3) in Asian seabass, Lates calcarifer: Characterisation, ontogeny and expression analysis after experimental infection and ligand stimulation. Fish and Shellfish Immunology, 2016, 55, 602-612. | 1.6 | 40 |
| 12 | DNA constructs expressing long-hairpin RNA (lhRNA) protect Penaeus monodon against White Spot Syndrome Virus. Vaccine, 2009, 27, 3849-3855. | 1.7 | 32 |
| 13 | Toll-like receptor (TLR) 22, a non-mammalian TLR in Asian seabass, Lates calcarifer: Characterisation, ontogeny and inductive expression upon exposure with bacteria and ligands. Developmental and Comparative Immunology, 2018, 81, 180-186. | 1.0 | 29 |
| 14 | Development of primary cell cultures from mud crab, Scylla serrata, and their potential as an in vitro model for the replication of white spot syndrome virus. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 406-416. | 0.7 | 27 |
| 15 | Molecular cloning, sequencing and tissue-level expression of complement C3 of Labeo rohita (Hamilton, 1822). Fish and Shellfish Immunology, 2014, 40, 319-330. | 1.6 | 25 |
| 16 | RNA interference-based therapeutics for shrimp viral diseases. Diseases of Aquatic Organisms, 2009, 86, 263-272. | 0.5 | 24 |
| 17 | The rise of the syndrome â€“ subâ€optimal growth disorders in farmed shrimp. Reviews in Aquaculture, 2021, 13, 1888-1906. | 4.6 | 22 |
| 18 | Molecular cloning, characterisation and expression analysis of melanoma differentiation associated gene 5 (MDA5) of green chromide, Etroplus suratensis. Gene, 2015, 557, 172-181. | 1.0 | 19 |

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|---|---|---|---|
| 19 | Toll-like receptor of mud crab, Scylla serrata: molecular characterisation, ontogeny and functional expression analysis following ligand exposure, and bacterial and viral infections. Molecular Biology Reports, 2014, 41, 6865-6877. | 1.0 | 17 |
| 20 | Monodon Baculovirus of Shrimp. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2012, 23, 149-160. | 0.7 | 15 |
| 21 | Molecular characterisation, ontogeny and expression analysis of melanoma differentiation-associated factor 5 (MDA5) from Asian seabass, Lates calcarifer. Developmental and Comparative Immunology, 2018, 78, 71-82. | 1.0 | 15 |
| 22 | Nonspecific Effect of Double-Stranded (ds) RNA on Prophenoloxidase (proPO) Expression in Penaeus monodo n. Applied Biochemistry and Biotechnology, 2013, 169, 281-289. | 1.4 | 13 |
| 23 | Identification, ontogeny and expression analysis of a novel laboratory of genetics and physiology 2 (LGP2) transcript in Asian seabass, Lates calcarifer. Fish and Shellfish Immunology, 2017, 62, 265-275. | 1.6 | 13 |
| 24 | Nucleotide-binding oligomerization domain-containing protein 1 (NOD1) in Asian seabass, Lates calcarifer: Cloning, ontogeny and expression analysis following bacterial infection or ligand stimulation. Fish and Shellfish Immunology, 2018, 79, 153-162. | 1.6 | 13 |
| 25 | Report of leucine-rich repeats (LRRs) from Scylla serrata: Ontogeny, molecular cloning, characterization and expression analysis following ligand stimulation, and upon bacterial and viral infections. Gene, 2016, 590, 159-168. | 1.0 | 12 |
| 26 | Natural host-range and experimental transmission of Laem-Singh virus (LSNV). Diseases of Aquatic Organisms, 2011, 96, 21-27. | 0.5 | 10 |
| 27 | White spot syndrome virus (WSSV) infection in tiger shrimp Penaeus monodon: A non-lethal histopathological rapid diagnostic method using paraffin and frozen sections. Aquaculture International, 2005, 13, 341-349. | 1.1 | 9 |
| 28 | Development of SYBR Green and TaqMan quantitative real-time PCR assays for hepatopancreatic parvovirus (HPV) infecting Penaeus monodon in India. Molecular and Cellular Probes, 2015, 29, 442-448. | 0.9 | 9 |
| 29 | Ontogeny and expression analysis of tube (interleukin-1 receptor-associated kinase-4 homolog) from Penaeus monodon in response to white spot syndrome virus infection and on exposure to ligands. Agri Gene, 2017, 3, 21-31. | 1.9 | 7 |
| 30 | Production and characterization of monoclonal antibodies to the hemocytes of mud crab, Scylla serrata. Journal of Invertebrate Pathology, 2012, 111, 86-89. | 1.5 | 6 |
| 31 | Responses of some innate immuneâ€genes involved in the tollâ€pathway in black tiger shrimp ( Penaeus) Tj ETQq1 1 0.784314 rgBT /O Aquaculture Society, 2020, 51, 1419-1429. | 1.2 | 6 |
| 32 | Microbiological investigation of Tilapia lake virusâ€“associated mortalities in cage-farmed Oreochromis niloticus in India. Aquaculture International, 2021, 29, 511-526. | 1.1 | 6 |
| 33 | Ontogenetic and expression of different genes involved in the Toll pathway of black tiger shrimp (Penaeus monodon) following immersion challenge with Vibrio harveyi and white spot syndrome virus (WSSV). Agri Gene, 2018, 8, 63-71. | 1.9 | 5 |
| 34 | A novel myxozoan parasite, Ellipsomyxa boleophthalmi sp. nov. (Myxozoa: Ceratomyxidae) in the brackishwater fish, Boleophthalmus dussumieri Valenciennes, 1837 (Perciformes: Gobiidae) from India. Parasitology Research, 2021, 120, 1269-1279. | 0.6 | 4 |
| 35 | Monodon baculovirus (MBV) infects wild mud crab, Scylla serrata. Journal of Invertebrate Pathology, 2022, 187, 107701. | 1.5 | 3 |
| 36 | A comparative study of white spot syndrome virus infection in shrimp from India and Korea. Journal of Invertebrate Pathology, 2003, 84, 173-176. | 1.5 | 2 |

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|---|---|---|---|
| 37 | Three Draft Genome Sequences of White Spot Syndrome Virus from India. Microbiology Resource Announcements, 2021, 10, e0057921. | 0.3 | 2 |
| 38 | Hepatic microsporidiosis of mudskipper, Boleophthalmus dussumieri Valenciennes, 1837 (Perciformes:) Tj ETQq0 0 0 rgBT /Overlock 10 | 0.4 | 0 |