

Azeez Sait Sahul Hameed

List of Publications by Year in descending order

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85
papers

2,682
citations

159585

30
h-index

206112

48
g-index

87
all docs

87
docs citations

87
times ranked

2142
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and characterization of five novel cell lines from snubnose pompano, <i>Trachinotus blochii</i> (Lacepede, 1801), and their application in gene expression and virological studies. <i>Journal of Fish Diseases</i> , 2022, 45, 121-139.	1.9	5
2	First report on the occurrence of white spot syndrome virus, infectious myonecrosis virus and <i>Enterocytozoon hepatopenaei</i> in <i>Penaeus vannamei</i> reared in freshwater systems. <i>Journal of Fish Diseases</i> , 2022, 45, 699-706.	1.9	3
3	Toxicological assessment of functional polymer with single-walled carbon nanotubes in zebrafish embryos and its gill cell line. <i>Chemosphere</i> , 2022, 303, 134891.	8.2	5
4	First report on the occurrence of cyprinid herpesvirus 3 in koi carp (<i>Cyprinus carpio koi</i>) in India. <i>Journal of Fish Diseases</i> , 2022, 45, 1087-1098.	1.9	4
5	Silencing of prophenoloxidase (proPO) gene in freshwater prawn, <i>Macrobrachium rosenbergii</i> , makes them susceptible to white spot syndrome virus (WSSV). <i>Journal of Fish Diseases</i> , 2021, 44, 573-584.	1.9	7
6	In vitro propagation of infectious myonecrosis virus in C6/36 mosquito cell line. <i>Journal of Fish Diseases</i> , 2021, 44, 987-992.	1.9	3
7	Cytotoxic impacts of treated electroplating industrial effluent and the comparative effect of their metal components (Zn, Hg, and Zn+Hg) on <i>Danio rerio</i> gill (DrG) cell line. <i>Science of the Total Environment</i> , 2021, 793, 148533.	8.0	6
8	A comparative synthesis of transcriptomic analyses reveals major differences between WSSV-susceptible <i>Litopenaeus vannamei</i> and WSSV-refractory <i>Macrobrachium rosenbergii</i> . <i>Developmental and Comparative Immunology</i> , 2020, 104, 103564.	2.3	23
9	In silico studies on the interaction of phage displayed biorecognition element (TFQAFDLSPFPS) with the structural protein VP28 of white spot syndrome virus. <i>Journal of Molecular Modeling</i> , 2020, 26, 264.	1.8	1
10	In vitro propagation of tilapia lake virus in cell lines developed from <i>Oreochromis mossambicus</i> . <i>Journal of Fish Diseases</i> , 2019, 42, 1543-1552.	1.9	22
11	Multiple infections caused by white spot syndrome virus and <i>Enterocytozoon hepatopenaei</i> in pond-reared <i>Penaeus vannamei</i> in India and multiplex PCR for their simultaneous detection. <i>Journal of Fish Diseases</i> , 2019, 42, 447-454.	1.9	29
12	Global distribution of white spot syndrome virus genotypes determined using a novel genotyping assay. <i>Archives of Virology</i> , 2019, 164, 2061-2082.	2.1	24
13	Zebrafish fin-derived fibroblast cell line: A model for in vitro wound healing. <i>Journal of Fish Diseases</i> , 2019, 42, 573-584.	1.9	12
14	Delivery of viral recombinant VP28 protein using chitosan tripolyphosphate nanoparticles to protect the whiteleg shrimp, <i>Litopenaeus vannamei</i> from white spot syndrome virus infection. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1131-1141.	7.5	16
15	A new strain of white spot syndrome virus affecting <i>Litopenaeus vannamei</i> in Indian shrimp farms. <i>Journal of Fish Diseases</i> , 2018, 41, 1129-1146.	1.9	18
16	In vitro screening of selected antiviral drugs against betanodavirus. <i>Journal of Virological Methods</i> , 2018, 259, 66-73.	2.1	7
17	Advancements in diagnosis and control measures of viral pathogens in aquaculture: an Indian perspective. <i>Aquaculture International</i> , 2017, 25, 251-264.	2.2	22
18	Effects of nicotine on zebrafish: A comparative response between a newly established gill cell line and whole gills. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 195, 68-77.	2.6	13

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19	Distribution of recombinant VP28 protein in tissues and its immunomodulatory effect against white spot syndrome virus in whiteleg shrimp, <i>Litopenaeus vannamei</i> (Boone, 1931). <i>Aquaculture International</i> , 2017, 25, 1761-1776.	2.2	2
20	Studies on the occurrence of infectious myonecrosis virus in pond-reared <i>Litopenaeus vannamei</i> (Boone, 1931) in India. <i>Journal of Fish Diseases</i> , 2017, 40, 1823-1830.	1.9	25
21	Application of fish cell lines for evaluating the chromium induced cytotoxicity, genotoxicity and oxidative stress. <i>Chemosphere</i> , 2017, 184, 1-12.	8.2	34
22	Ontogenetic changes in the expression of immune related genes in response to immunostimulants and resistance against white spot syndrome virus in <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2017, 76, 132-142.	2.3	12
23	Lateral flow assay for rapid detection of white spot syndrome virus (WSSV) using a phage-displayed peptide as bio-recognition probe. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4459-4469.	3.6	11
24	Biochemical changes and tissue distribution of <i>Enterocytozoon hepatopenaei</i> (EHP) in naturally and experimentally infected whiteleg shrimp, <i>Litopenaeus vannamei</i> (Boone, 1931), in India. <i>Journal of Fish Diseases</i> , 2017, 40, 529-539.	1.9	53
25	Field-Usable Lateral Flow Immunoassay for the Rapid Detection of White Spot Syndrome Virus (WSSV). <i>PLoS ONE</i> , 2017, 12, e0169012.	2.5	30
26	Development, distribution and expression of a DNA vaccine against nodavirus in Asian Seabass, <i>Lateolabrax niloticus</i> (Bloch, 1790). <i>Aquaculture Research</i> , 2016, 47, 1209-1220.	1.8	23
27	The genus <i>Zeuxine</i> Lindl. (Orchidaceae) in Tripura State, India. <i>Journal of Threatened Taxa</i> , 2016, 8, 9675.	0.3	0
28	Experimental transmission of <i>Macrobrachium rosenbergii</i> nodavirus (MrNV) and extra small virus (XSV) in <i>Macrobrachium malcolmsonii</i> and <i>Macrobrachium rude</i> . <i>Aquaculture International</i> , 2015, 23, 195-201.	2.2	10
29	Isolation, Propagation, Characterization, Cryopreservation, and Application of Novel Cardiovascular Endothelial Cell Line From <i>Channa striatus</i> (Bloch, 1793). <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 601-616.	1.8	6
30	Development and Use of Retinal Pigmented Epithelial Cell Line from Zebrafish (<i>Danio rerio</i>) for Evaluating the Toxicity of Ultraviolet-B. <i>Zebrafish</i> , 2015, 12, 21-32.	1.1	8
31	Immune responses of whiteleg shrimp, <i>Litopenaeus vannamei</i> (Boone), to white spot syndrome virus. <i>Journal of Fish Diseases</i> , 2015, 38, 451-465.	1.9	14
32	Production of recombinant capsid protein of <i>Macrobrachium rosenbergii</i> nodavirus (MCP43) of giant freshwater prawn, <i>Macrobrachium rosenbergii</i> (de Man) for immunological diagnostic methods. <i>Journal of Fish Diseases</i> , 2014, 37, 703-710.	1.9	7
33	Cytotoxicity, genotoxicity and oxidative stress of malachite green on the kidney and gill cell lines of freshwater air breathing fish <i>Channa striata</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 13539-13550.	5.3	25
34	Tissue distribution of hepatopancreatic parvovirus of shrimp in freshwater ricefield crab, <i>Paratelphusa hydrodomous</i> (Herbst). <i>Journal of Fish Diseases</i> , 2014, 37, 969-980.	1.9	2
35	In vitro assay for the toxicity of silver nanoparticles using heart and gill cell lines of <i>Catla catla</i> and gill cell line of <i>Labeo rohita</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 161, 41-52.	2.6	52
36	Neutralization of cobra venom by cocktail antiserum against venom proteins of cobra (<i>Naja naja naja</i>). <i>Biologicals</i> , 2014, 42, 8-21.	1.4	5

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37	Detection and neutralization of cobra venom using rabbit antiserum in experimental envenomated mice. <i>Human and Experimental Toxicology</i> , 2014, 33, 772-782.	2.2	2
38	Production of recombinant vaccine using capsid gene of nodavirus to protect Asian sea bass, <i>Lateolabrax niloticus</i> (Bloch, 1790). <i>Aquaculture</i> , 2014, 418-419, 148-154.	3.5	24
39	In vitro cytotoxic, genotoxic and oxidative stress of cypermethrin on five fish cell lines. <i>Pesticide Biochemistry and Physiology</i> , 2014, 113, 15-24.	3.6	38
40	Development and characterization of a new gill cell line from air breathing fish <i>Channa striatus</i> (Bloch 1793) and its application in toxicology: Direct comparison to the acute fish toxicity. <i>Chemosphere</i> , 2014, 96, 89-98.	8.2	38
41	Comparison of betanodavirus replication efficiency in ten Indian fish cell lines. <i>Archives of Virology</i> , 2013, 158, 1367-1375.	2.1	13
42	Development and characterization of cell line from the gill tissue of <i>Catla catla</i> (Hamilton, 1822) for toxicological studies. <i>Chemosphere</i> , 2013, 90, 2172-2180.	8.2	33
43	In vitro propagation of hepatopancreatic parvo-like virus (HPV) of shrimp in C6/36 (<i>Aedes albopictus</i>) cell line. <i>Journal of Invertebrate Pathology</i> , 2013, 112, 229-235.	3.2	5
44	Development, characterization and application of a new fibroblastic-like cell line from kidney of a freshwater air breathing fish <i>Channa striatus</i> (Bloch, 1793). <i>Acta Tropica</i> , 2013, 127, 25-32.	2.0	19
45	Synthesis and Characterization of Chitosan Tripolyphosphate Nanoparticles and its Encapsulation Efficiency Containing Russell's Viper Snake Venom. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 406-411.	3.0	17
46	Establishment and characterization of permanent cell line from gill tissue of <i>Labeo rohita</i> (Hamilton) and its application in gene expression and toxicology. <i>Cell Biology and Toxicology</i> , 2013, 29, 59-73.	5.3	43
47	High efficacy of white spot syndrome virus replication in tissues of freshwater rice field crab, <i>Paratelson hydromorpha</i> (Herbst). <i>Journal of Fish Diseases</i> , 2012, 35, 917-925.	1.9	9
48	White Tail Disease of Freshwater Prawn, <i>Macrobrachium rosenbergii</i> . <i>Indian Journal of Virology: an Official Organ of Indian Virological Society</i> , 2012, 23, 134-140.	0.7	42
49	Development and characterization of novel cell lines from <i>Etroplus suratensis</i> and their applications in virology, toxicology and gene expression. <i>Journal of Fish Biology</i> , 2012, 80, 312-334.	1.6	25
50	Comparison of in vitro and in vivo acute toxicity assays in <i>Etroplus suratensis</i> (Bloch, 1790) and its three cell lines in relation to tannery effluent. <i>Chemosphere</i> , 2012, 87, 55-61.	8.2	38
51	In vitro white spot syndrome virus (WSSV) replication in explants of the heart of freshwater crab, <i>Paratelson hydromorpha</i> . <i>Journal of Virological Methods</i> , 2012, 183, 186-195.	2.1	13
52	Establishment and characterization of a fin cell line from Indian walking catfish, <i>Clarias batrachus</i> (L.). <i>Journal of Fish Diseases</i> , 2011, 34, 355-364.	1.9	21
53	Inhibition of fish nodavirus by gymnemagenol extracted from <i>Gymnema sylvestre</i> . <i>Journal of Ocean University of China</i> , 2011, 10, 402-408.	1.2	11
54	Efficacy of bacterially expressed dsRNA specific to different structural genes of white spot syndrome virus (WSSV) in protection of shrimp from WSSV infection. <i>Journal of Fish Diseases</i> , 2010, 33, 603-607.	1.9	22

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55	Clearance of <i>Macrobrachium rosenbergii</i> nodavirus (MrNV) and extra small virus (XSV) and immunological changes in experimentally injected <i>Macrobrachium rosenbergii</i> . <i>Fish and Shellfish Immunology</i> , 2010, 28, 428-433.	3.6	22
56	Localization of VP28 on the baculovirus envelope and its immunogenicity against white spot syndrome virus in <i>Penaeus monodon</i> . <i>Virology</i> , 2009, 391, 315-324.	2.4	65
57	Oral delivery of DNA construct using chitosan nanoparticles to protect the shrimp from white spot syndrome virus (WSSV). <i>Fish and Shellfish Immunology</i> , 2009, 26, 429-437.	3.6	140
58	Experimental exposure of <i>Artemia</i> to Hepatopancreatic parvo-like Virus and Subsequent transmission to post-larvae of <i>Penaeus monodon</i> . <i>Journal of Invertebrate Pathology</i> , 2009, 102, 191-195.	3.2	10
59	Silencing VP28 Gene of White Spot Syndrome Virus of Shrimp by Bacterially Expressed dsRNA. <i>Marine Biotechnology</i> , 2008, 10, 198-206.	2.4	63
60	Oral Administration of Bacterially Expressed VP28dsRNA to Protect <i>Penaeus monodon</i> from White Spot Syndrome Virus. <i>Marine Biotechnology</i> , 2008, 10, 242-249.	2.4	116
61	A new epithelial-like cell line from eye muscle of catla <i>Catla catla</i> (Hamilton): development and characterization. <i>Journal of Fish Biology</i> , 2008, 72, 2026-2038.	1.6	20
62	<i>Artemia</i> is not a vector for monodon baculovirus (MBV) transmission to <i>Penaeus monodon</i> . <i>Journal of Fish Diseases</i> , 2008, 31, 631-636.	1.9	3
63	A fish nodavirus associated with mass mortality in hatchery-reared Asian Sea bass, <i>Lates calcarifer</i> . <i>Aquaculture</i> , 2008, 275, 366-369.	3.5	64
64	Cloning and sequencing of capsid protein of Indian isolate of extra small virus from <i>Macrobrachium rosenbergii</i> . <i>Virus Research</i> , 2008, 131, 283-287.	2.2	7
65	Potential use of chitosan nanoparticles for oral delivery of DNA vaccine in Asian sea bass (<i>Lates Tj ETQq1 1 0.784314 rgBT /Overlock</i>) 47-56.	3.6	170
66	Immunological responses of <i>Penaeus monodon</i> to DNA vaccine and its efficacy to protect shrimp against white spot syndrome virus (WSSV). <i>Fish and Shellfish Immunology</i> , 2008, 24, 467-478.	3.6	88
67	Clearance of white spot syndrome virus (WSSV) and immunological changes in experimentally WSSV-injected <i>Macrobrachium rosenbergii</i> . <i>Fish and Shellfish Immunology</i> , 2008, 25, 222-230.	3.6	39
68	Studies on the immunomodulatory effect of extract of <i>Cyanodon dactylon</i> in shrimp, <i>Penaeus monodon</i> , and its efficacy to protect the shrimp from white spot syndrome virus (WSSV). <i>Fish and Shellfish Immunology</i> , 2008, 25, 820-828.	3.6	65
69	Comparative study on immune response of <i>Fenneropenaeus indicus</i> to <i>Vibrio alginolyticus</i> and white spot syndrome virus. <i>Aquaculture</i> , 2007, 271, 8-20.	3.5	92
70	Protective efficiency of DNA vaccination in Asian seabass (<i>Lates calcarifer</i>) against <i>Vibrio anguillarum</i> . <i>Fish and Shellfish Immunology</i> , 2007, 23, 316-326.	3.6	61
71	Experimental vertical transmission of <i>Macrobrachium rosenbergii</i> nodavirus (MrNV) and extra small virus (XSV) from brooders to progeny in <i>Macrobrachium rosenbergii</i> and <i>Artemia</i> . <i>Journal of Fish Diseases</i> , 2007, 30, 27-35.	1.9	34
72	In vitro replication of <i>Macrobrachium rosenbergii</i> nodavirus and extra small virus in C6/36 mosquito cell line. <i>Journal of Virological Methods</i> , 2007, 146, 112-118.	2.1	24

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73	Development and Characterization of Two New Cell Lines from Milkfish (<i>Chanos chanos</i>) and Grouper (<i>Epinephelus coioides</i>) for Virus Isolation. <i>Marine Biotechnology</i> , 2007, 9, 281-291.	2.4	71
74	Development of a Pluripotent ES-like Cell Line from Asian Sea Bass (<i>Lates calcarifer</i>) – An Oviparous Stem Cell Line Mimicking Viviparous ES Cells. <i>Marine Biotechnology</i> , 2007, 9, 766-775.	2.4	36
75	Experimental transmission and tissue tropism of white spot syndrome virus (WSSV) in two species of lobsters, <i>Panulirus homarus</i> and <i>Panulirus ornatus</i> . <i>Journal of Invertebrate Pathology</i> , 2006, 93, 75-80.	3.2	39
76	Artemia as a possible vector for <i>Macrobrachium rosenbergii</i> nodavirus (MrNV) and extra small virus transmission (XSV) to <i>Macrobrachium rosenbergii</i> post-larvae. <i>Diseases of Aquatic Organisms</i> , 2006, 70, 161-166.	1.0	30
77	Establishment of embryonic cell line from sea bass (<i>Lates calcarifer</i>) for virus isolation. <i>Journal of Virological Methods</i> , 2006, 137, 309-316.	2.1	30
78	Simultaneous detection of <i>Macrobrachium rosenbergii</i> nodavirus and extra small virus by a single tube, one-step multiplex RT-PCR assay. <i>Journal of Fish Diseases</i> , 2005, 28, 65-69.	1.9	41
79	A Simple PCR Procedure to Detect White Spot Syndrome Virus (WSSV) of Shrimp, <i>Penaeus monodon</i> (Fabricius). <i>Aquaculture International</i> , 2005, 13, 441-450.	2.2	12
80	Production of polyclonal antiserum against recombinant VP28 protein and its application for the detection of white spot syndrome virus in crustaceans. <i>Journal of Fish Diseases</i> , 2004, 27, 517-522.	1.9	47
81	Experimental transmission and tissue tropism of <i>Macrobrachium rosenbergii</i> nodavirus (MrNV) and its associated extra small virus (XSV). <i>Diseases of Aquatic Organisms</i> , 2004, 62, 191-196.	1.0	72
82	A rapid non-enzymatic method of DNA extraction for PCR detection of white spot syndrome virus in shrimp. <i>Aquaculture Research</i> , 2003, 34, 1093-1097.	1.8	27
83	Experimental infection of twenty species of Indian marine crabs with white spot syndrome virus (WSSV). <i>Diseases of Aquatic Organisms</i> , 2003, 57, 157-161.	1.0	109
84	Characteristics and pathogenicity of a <i>Vibrio campbellii</i> -like bacterium affecting hatchery-reared <i>Penaeus indicus</i> (Milne Edwards, 1837) larvae. <i>Aquaculture Research</i> , 1996, 27, 853-863.	1.8	11
85	Susceptibility of Three <i>Penaeus</i> Species to a <i>Vibrio campbellii</i> -like Bacterium. <i>Journal of the World Aquaculture Society</i> , 1995, 26, 315-319.	2.4	26