

# Azeez Sait Sahul Hameed

## List of Publications by Year in descending order

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85  
papers

2,682  
citations

159585

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206112

48  
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87  
all docs

87  
docs citations

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times ranked

2142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential use of chitosan nanoparticles for oral delivery of DNA vaccine in Asian sea bass ( <i>Lates Tj ETQq1</i> 1 0.784314 rgBT /Overlock 10 47-56.	3.6	170
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	<i>Artemia</i> 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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	Immune responses of whiteleg shrimp, <i>Litopenaeus vannamei</i> (Boone, 1931) to white spot syndrome virus. <i>Journal of Fish Diseases</i> , 2015, 38, 451-465.	1.9	14
54	In vitro white spot syndrome virus (WSSV) replication in explants of the heart of freshwater crab, <i>Paratelphusa hydrodomous</i> . <i>Journal of Virological Methods</i> , 2012, 183, 186-195.	2.1	13

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55	Comparison of betanodavirus replication efficiency in ten Indian fish cell lines. Archives of Virology, 2013, 158, 1367-1375.	2.1	13
56	Effects of nicotine on zebrafish: A comparative response between a newly established gill cell line and whole gills. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 195, 68-77.	2.6	13
57	A Simple PCR Procedure to Detect White Spot Syndrome Virus (WSSV) of Shrimp, Penaeus monodon (Fabricius). Aquaculture International, 2005, 13, 441-450.	2.2	12
58	Ontogenetic changes in the expression of immune related genes in response to immunostimulants and resistance against white spot syndrome virus in Litopenaeus vannamei. Developmental and Comparative Immunology, 2017, 76, 132-142.	2.3	12
59	Zebrafish fin-derived fibroblast cell line: A model for in vitro wound healing. Journal of Fish Diseases, 2019, 42, 573-584.	1.9	12
60	Inhibition of fish nodavirus by gymnemagenol extracted from Gymnema sylvestre. Journal of Ocean University of China, 2011, 10, 402-408.	1.2	11
61	Lateral flow assay for rapid detection of white spot syndrome virus (WSSV) using a phage-displayed peptide as bio-recognition probe. Applied Microbiology and Biotechnology, 2017, 101, 4459-4469.	3.6	11
62	Characteristics and pathogenicity of a Vibrio campbellii-like bacterium affecting hatchery-reared Penaeus indicus (Milne Edwards, 1837) larvae. Aquaculture Research, 1996, 27, 853-863.	1.8	11
63	Experimental exposure of Artemia to Hepatopancreatic parvo-like Virus and Subsequent transmission to post-larvae of Penaeus monodon. Journal of Invertebrate Pathology, 2009, 102, 191-195.	3.2	10
64	Experimental transmission of Macrobrachium rosenbergii nodavirus (MrNV) and extra small virus (XSV) in Macrobrachium malcolmsonii and Macrobrachium rude. Aquaculture International, 2015, 23, 195-201.	2.2	10
65	High efficacy of white spot syndrome virus replication in tissues of freshwater rice-field crab, <i>Scylla aratelifusa hydrodomous</i> (Herbst). Journal of Fish Diseases, 2012, 35, 917-925.	1.9	9
66	Development and Use of Retinal Pigmented Epithelial Cell Line from Zebrafish ( <i>Danio rerio</i> ) for Evaluating the Toxicity of Ultraviolet-B. Zebrafish, 2015, 12, 21-32.	1.1	8
67	Cloning and sequencing of capsid protein of Indian isolate of extra small virus from Macrobrachium rosenbergii. Virus Research, 2008, 131, 283-287.	2.2	7
68	Production of recombinant capsid protein of <i>Macrobrachium rosenbergii</i> nodavirus (rMCP43) of giant freshwater prawn, <i>Macrobrachium rosenbergii</i> (de Man) for immunological diagnostic methods. Journal of Fish Diseases, 2014, 37, 703-710.	1.9	7
69	In vitro screening of selected antiviral drugs against betanodavirus. Journal of Virological Methods, 2018, 259, 66-73.	2.1	7
70	Silencing of prophenoloxidase (proPO) gene in freshwater prawn, <i>Macrobrachium rosenbergii</i> , makes them susceptible to white spot syndrome virus (WSSV). Journal of Fish Diseases, 2021, 44, 573-584.	1.9	7
71	Isolation, Propagation, Characterization, Cryopreservation, and Application of Novel Cardiovascular Endothelial Cell Line From <i>Channa striatus</i> (Bloch, 1793). Cell Biochemistry and Biophysics, 2015, 71, 601-616.	1.8	6
72	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. Science of the Total Environment, 2021, 793, 148533.	8.0	6

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73	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
74	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
75	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
76	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
77	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
78	<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
79	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
80	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
81	Tissue distribution of hepatopancreatic parvo-like virus of shrimp in freshwater rice-field crab, <i>Aratelphusa hydrodomous</i> ( <i>H. erbst</i> ). <i>Journal of Fish Diseases</i> , 2014, 37, 969-980.	1.9	2
82	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
83	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
84	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
85	The genus <i>Zeuxine</i> Lindl. (Orchidaceae) in Tripura State, India. <i>Journal of Threatened Taxa</i> , 2016, 8, 9675.	0.3	0