

Jeff A Cowley

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,519
citations

257450

24
h-index

330143

37
g-index

55
all docs

55
docs citations

55
times ranked

1130
citing authors

#	ARTICLE	IF	CITATIONS
1	Gill-associated virus of <i>Penaeus monodon</i> prawns: an invertebrate virus with ORF1a and ORF1b genes related to arteri- and coronaviruses. <i>Journal of General Virology</i> , 2000, 81, 1473-1484.	2.9	142
2	The genome of bovine ephemeral fever rhabdovirus contains two related glycoprotein genes. <i>Virology</i> , 1992, 191, 49-61.	2.4	80
3	Genetic diversity in the yellow head nidovirus complex. <i>Virology</i> , 2008, 380, 213-225.	2.4	74
4	Ticks Associated with Macquarie Island Penguins Carry Arboviruses from Four Genera. <i>PLoS ONE</i> , 2009, 4, e4375.	2.5	66
5	The 3C-Like Proteinase of an Invertebrate Nidovirus Links Coronavirus and Potyvirus Homologs. <i>Journal of Virology</i> , 2003, 77, 1415-1426.	3.4	64
6	Complete ORF1b-gene sequence indicates yellow head virus is an invertebrate nidovirus. <i>Diseases of Aquatic Organisms</i> , 2002, 50, 87-93.	1.0	62
7	Quantitative real-time RT-PCR demonstrates that handling stress can lead to rapid increases of gill-associated virus (GAV) infection levels in <i>Penaeus monodon</i> . <i>Diseases of Aquatic Organisms</i> , 2004, 59, 195-203.	1.0	60
8	Identification and analysis of gp116 and gp64 structural glycoproteins of yellow head nidovirus of <i>Penaeus monodon</i> shrimp. <i>Journal of General Virology</i> , 2003, 84, 863-873.	2.9	59
9	Gill-associated nidovirus of <i>Penaeus monodon</i> prawns transcribes 3 ^{â€²} -coterminial subgenomic mRNAs that do not possess 5 ^{â€²} -leader sequences. <i>Journal of General Virology</i> , 2002, 83, 927-935.	2.9	59
10	RNA transcription analysis and completion of the genome sequence of yellow head nidovirus. <i>Virus Research</i> , 2008, 136, 157-165.	2.2	55
11	Vertical transmission of gill-associated virus (GAV) in the black tiger prawn <i>Penaeus monodon</i> . <i>Diseases of Aquatic Organisms</i> , 2002, 50, 95-104.	1.0	55
12	Detection and differentiation of yellow head complex viruses using monoclonal antibodies. <i>Diseases of Aquatic Organisms</i> , 2003, 57, 193-200.	1.0	54
13	De novo assembly, characterization, functional annotation and expression patterns of the black tiger shrimp (<i>Penaeus monodon</i>) transcriptome. <i>Scientific Reports</i> , 2018, 8, 13553.	3.3	48
14	Multiplex RT-nested PCR differentiation of gill-associated virus (Australia) from yellow head virus (Thailand) of <i>Penaeus monodon</i> . <i>Journal of Virological Methods</i> , 2004, 117, 49-59.	2.1	46
15	Genomic Organization, Biology, and Diagnosis of Taura Syndrome Virus and Yellowhead Virus of Penaeid Shrimp. <i>Advances in Virus Research</i> , 2004, 63, 353-421.	2.1	45
16	New yellow head virus genotype (YHV7) in giant tiger shrimp <i>Penaeus monodon</i> indigenous to northern Australia. <i>Diseases of Aquatic Organisms</i> , 2015, 115, 263-268.	1.0	39
17	Genetic analysis of <i>Penaeus monodon</i> across its natural distribution range reveals more recent colonization of Fiji and other Pacific islands. <i>Ecology and Evolution</i> , 2012, 2, 2057-2071.	1.9	38
18	Complex Genome Organization in the GNS-L Intergenic Region of Adelaide River Rhabdovirus. <i>Virology</i> , 1994, 203, 63-72.	2.4	36

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19	Detection of gill-associated virus (GAV) by in situ hybridization during acute and chronic infections of <i>Penaeus monodon</i> and <i>P. esculentus</i> . <i>Diseases of Aquatic Organisms</i> , 2003, 56, 1-10.	1.0	33
20	Real-time PCR tests to specifically detect IHHNV lineages and an IHHNV EVE integrated in the genome of <i>Penaeus monodon</i> . <i>Diseases of Aquatic Organisms</i> , 2018, 129, 145-158.	1.0	32
21	The Gene Encoding the Nucleocapsid Protein of Gill-Associated Nidovirus of <i>Penaeus monodon</i> Prawns Is Located Upstream of the Glycoprotein Gene. <i>Journal of Virology</i> , 2004, 78, 8935-8941.	3.4	31
22	<i>Penaeus monodon</i> is protected against gill-associated virus by muscle injection but not oral delivery of bacterially expressed dsRNAs. <i>Diseases of Aquatic Organisms</i> , 2011, 95, 19-30.	1.0	30
23	A virulent isolate of yellow head nidovirus contains a deformed envelope glycoprotein gp116. <i>Virology</i> , 2009, 384, 192-200.	2.4	29
24	RNA polymerase (L) gene and genome terminal sequences of ephemeroviruses bovine ephemeral fever virus and Adelaide River virus indicate a close relationship to vesiculoviruses. <i>Virus Research</i> , 2000, 70, 87-95.	2.2	28
25	Consensus RT-nested PCR detection of yellow head complex genotypes in penaeid shrimp. <i>Journal of Virological Methods</i> , 2008, 153, 168-175.	2.1	23
26	RT-nested PCR detection of Mourilyan virus in Australian <i>Penaeus monodon</i> and its tissue distribution in healthy and moribund prawns. <i>Diseases of Aquatic Organisms</i> , 2005, 66, 91-104.	1.0	23
27	Homologous genetic recombination in the yellow head complex of nidoviruses infecting <i>Penaeus monodon</i> shrimp. <i>Virology</i> , 2009, 390, 79-88.	2.4	22
28	Association of Mourilyan virus with mortalities in farm pond-reared <i>Penaeus (Marsupenaeus) japonicus</i> transferred to maturation tank systems. <i>Aquaculture</i> , 2006, 252, 242-247.	3.5	18
29	Feed Containing <sc>Novacq</sc> Improves Resilience of Black Tiger Shrimp, <i>Penaeus Monodon</i>, to Gill-associated Virus-induced Mortality. <i>Journal of the World Aquaculture Society</i> , 2015, 46, 328-336.	2.4	18
30	An enzyme-linked immunosorbent assay for detection of bovine leukaemia virus p24 antibody in cattle. <i>Journal of Virological Methods</i> , 1990, 28, 47-57.	2.1	16
31	A TaqMan real-time RT-PCR for quantifying Mourilyan virus infection levels in penaeid shrimp tissues. <i>Journal of Virological Methods</i> , 2006, 137, 265-271.	2.1	16
32	Glycosylation of gp116 and gp64 envelope proteins of yellow head virus of <i>Penaeus monodon</i> shrimp. <i>Journal of General Virology</i> , 2010, 91, 2463-2473.	2.9	11
33	ICTV Virus Taxonomy Profile: Roniviridae. <i>Journal of General Virology</i> , 2021, 102, .	2.9	10
34	Pathogenicity of gill-associated virus and Mourilyan virus during mixed infections of black tiger shrimp (<i>Penaeus monodon</i>). <i>Journal of General Virology</i> , 2011, 92, 893-901.	2.9	10
35	Gill-associated virus and recombinant protein vaccination in <i>Penaeus monodon</i> . <i>Aquaculture</i> , 2010, 308, 82-88.	3.5	9
36	Genome assembly of the Australian black tiger shrimp (<i>Penaeus monodon</i>) reveals a novel fragmented IHHNV EVE sequence. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	9

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37	TaqMan real-time and conventional nested PCR tests specific to yellow head virus genotype 7 (YHV7) identified in giant tiger shrimp in Australia. <i>Journal of Virological Methods</i> , 2019, 273, 113689.	2.1	8
38	A consensus real-time RT-PCR for detection of all genotypic variants of yellow head virus of penaeid shrimp. <i>Journal of Virological Methods</i> , 2010, 167, 5-9.	2.1	7
39	Reduced loads of pre-existing Gill-associated virus (GAV) infection in juvenile <i>Penaeus monodon</i> injected with single or multiple GAV-specific dsRNAs. <i>Aquaculture</i> , 2014, 434, 272-276.	3.5	7
40	RNA-Binding Domain in the Nucleocapsid Protein of Gill-Associated Nidovirus of Penaeid Shrimp. <i>PLoS ONE</i> , 2011, 6, e22156.	2.5	7
41	Nucleotide sequence of the genome segment encoding nonstructural protein NS1 of bluetongue virus serotype 20 from Australia. <i>Virus Genes</i> , 1992, 6, 387-392.	1.6	5
42	In situ stress testing to identify Australian black tiger prawns (<i>Penaeus monodon</i>) free of gill-associated virus and Mourilyan virus. <i>Australian Veterinary Journal</i> , 2009, 87, 244-248.	1.1	4
43	Polychaetes (<i>Perinereis helleri</i>) reared in sand beds filtering nutrients from shrimp (<i>Penaeus</i>) Tj ETQq1 1 0.784314 rggBT /Overlock 10 Tj	3.5	4
44	The genomes of Mourilyan virus and WÄ“nzhÅu shrimp virus 1 of prawns comprise 4 RNA segments. <i>Virus Research</i> , 2021, 292, 198225.	2.2	4
45	Molecular Biology and Pathogenesis of Roniviruses. , 0, , 361-377.		4
46	High-throughput DNA extraction for PCR-based genotyping of single <i>Penaeus monodon</i> embryos and nauplii. <i>Aquaculture</i> , 2010, 310, 61-65.	3.5	3
47	Hollow sperm syndrome during spermatogenesis in the giant tiger shrimp (<i>Penaeus monodon</i>) (Fabricius 1798) from eastern Australia. <i>Aquaculture Research</i> , 2015, 46, 2573-2592.	1.8	3
48	Reduced transmission of IHNV to <i>Penaeus monodon</i> from shrimp pond wastewater filtered through a polychaete-assisted sand filter (PASF) system. <i>Aquaculture</i> , 2021, 535, 736359.	3.5	3
49	A Novel Bunyavirus Discovered in Oriental Shrimp (<i>Penaeus chinensis</i>). <i>Frontiers in Microbiology</i> , 2021, 12, 751112.	3.5	3
50	Mourilyan virus pathogenicity in kuruma shrimp (<i>Penaeus japonicus</i>). <i>Journal of Fish Diseases</i> , 2020, 43, 1401-1407.	1.9	2
51	Antiviral immunity and protection in penaeid shrimp. <i>Invertebrate Immunity</i> , 2013, 1, .	0.0	1
52	Spawning of female Black tiger shrimp (<i>Penaeus monodon</i>) is not impacted by muscle injection of dsRNA targeted to gill-associated virus. <i>Aquaculture Research</i> , 2017, 48, 2912-2919.	1.8	1
53	A Magnetic Bead-Based DNA Extraction Protocol Suitable for High-Throughput Genotyping in Shrimp Breeding Programs. <i>Genetics of Aquatic Organisms</i> , 2019, 3, .	0.4	0