

# Parin Chaivisuthangkura

## List of Publications by Year in descending order

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82  
papers

1,655  
citations

304368

22  
h-index

344852

36  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanogold-based immunochromatographic strip test for rapid detection of clinical and environmental strains of <i>Vibrio cholerae</i> . Journal of Food Safety, 2021, 41, .	1.1	6
2	Development of cross-priming amplification (CPA) combined with colorimetric and lateral flow dipstick visualization for scale drop disease virus (SDDV) detection. Journal of Fish Diseases, 2021, 44, 1411-1422.	0.9	4
3	Detection and identification of a fish pathogen <i>Flavobacterium columnare</i> using specific monoclonal antibodies. Aquaculture, 2021, 545, 737231.	1.7	10
4	Infectious cell culture system for concurrent propagation and purification of Megalocytivirus ISKNV and nervous necrosis virus from Asian Sea bass ( <i>Lates calcarifer</i> ). Aquaculture, 2020, 520, 734931.	1.7	10
5	Development of a rapid immunochromatographic strip test for the detection of <i>Vibrio parahaemolyticus</i> toxin B that cause acute hepatopancreatic necrosis disease. Journal of Fish Diseases, 2020, 43, 207-214.	0.9	14
6	Molecular isolation and characterization of translationally controlled tumor protein (TCTP) gene from <i>Macrobrachium rosenbergii</i> . Aquaculture International, 2020, 28, 2173-2190.	1.1	0
7	Development of monoclonal antibodies for the rapid detection and identification of <i>Salmonella enterica</i> serovar Enteritidis in food sample using dot-blot assays. Journal of Food Safety, 2020, 40, e12841.	1.1	5
8	Transcriptomic analysis of <i>Macrobrachium rosenbergii</i> (giant fresh water prawn) post-larvae in response to <i>M. rosenbergii</i> nodavirus (MrNV) infection: de novo assembly and functional annotation. BMC Genomics, 2019, 20, 762.	1.2	23
9	Point-of-care rapid detection of <i>Vibrio parahaemolyticus</i> in seafood using loop-mediated isothermal amplification and graphene-based screen-printed electrochemical sensor. Biosensors and Bioelectronics, 2019, 132, 271-278.	5.3	91
10	Generation of mouse monoclonal antibodies specific to tilapia immunoglobulin using fish immunoglobulin/BSA complex for monitoring of the immune response in Nile tilapia <i>Oreochromis niloticus</i> . Aquaculture Research, 2019, 50, 277-283.	0.9	13
11	Molecular isolation and characterization of a <i>spz</i> gene from <i>Macrobrachium rosenbergii</i> . Fish and Shellfish Immunology, 2019, 84, 441-450.	1.6	17
12	Enhancing Science Teaching Competency among Pre-Service Science Teachers through Blended-Mentoring Process. International Journal of Instruction, 2019, 12, 289-306.	0.6	2
13	Development of uracil-DNA-glycosylase-supplemented loop-mediated isothermal amplification coupled with nanogold probe (UDG-LAMP-AuNP) for specific detection of <i>Pseudomonas aeruginosa</i> . Molecular Medicine Reports, 2018, 17, 5734-5743.	1.1	8
14	Molecular isolation and characterization of a haemocyanin of <i>Macrobrachium rosenbergii</i> reveal its antibacterial activities. Aquaculture Research, 2018, 49, 505-516.	0.9	4
15	PirA & B toxins discovered in archived shrimp pathogenic <i>Vibrio campbellii</i> isolated long before EMS/AHPND outbreaks. Aquaculture, 2018, 497, 494-502.	1.7	22
16	Enhancement and confirmation of white spot syndrome virus detection using monoclonal antibody specific to VP26. Aquaculture Research, 2017, 48, 1699-1710.	0.9	6
17	A Natural <i>Vibrio parahaemolyticus</i> <sup>pirA</sup> <i>Vp</i> <sup>pirB</sup> <i>Vp+</i> Mutant Kills Shrimp but Produces neither Pir <sup>Vp</sup> <sup>Vp</sup> <sup>Vp</sup> Toxins nor Acute Hepatopancreatic Necrosis Disease Lesions. Applied and Environmental Microbiology, 2017, 83, .	1.4	56
18	Development of monoclonal antibodies specific to ToxA and ToxB of <i>Vibrio parahaemolyticus</i> that cause acute hepatopancreatic necrosis disease (AHPND). Aquaculture, 2017, 474, 75-81.	1.7	20

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19	High sensitivity immunochromatographic strip test (ICP11 strip test) for white spot syndrome virus detection using monoclonal antibodies specific to ICP11 non-structural protein. <i>Aquaculture</i> , 2017, 470, 25-31.	1.7	10
20	Development of Duplex Loop-Mediated Isothermal Amplification (dLAMP) Combined with Lateral Flow Dipstick (LFD) for the Rapid and Specific Detection of <i>Vibrio vulnificus</i> and <i>V. parahaemolyticus</i> . <i>North American Journal of Aquaculture</i> , 2016, 78, 327-336.	0.7	3
21	Sensitivity improvement of immunochromatographic strip test for infectious myonecrosis virus detection. <i>Aquaculture</i> , 2016, 453, 163-168.	1.7	12
22	Rapid multiplex polymerase chain reaction for simultaneous detection of <i>Vibrio harveyi</i> , <i>V. parahaemolyticus</i> , and <i>V. vulnificus</i> in pacific white shrimp ( <i>Litopenaeus vannamei</i> ). <i>Annals of Tropical Medicine and Public Health</i> , 2016, 9, 255.	0.1	3
23	Development of a PCR Assay Based on a Single Base Pair Substitution for the Detection of <i>Aeromonas caviae</i> by Targeting the <i>gyrB</i> Gene. <i>Journal of Aquatic Animal Health</i> , 2015, 27, 164-171.	0.6	4
24	Interaction study of a novel <i>Macrobrachium rosenbergii</i> effector caspase with B2 and capsid proteins of <i>M. rosenbergii</i> nodavirus reveals their roles in apoptosis. <i>Fish and Shellfish Immunology</i> , 2015, 45, 534-542.	1.6	10
25	One base pair deletion and high rate of evolution: Keys to viral accommodation of Australian <i>Penaeus stylirostris</i> densovirus. <i>Aquaculture</i> , 2015, 443, 40-48.	1.7	6
26	Rapid and Sensitive Detection of <i>Vibrio alginolyticus</i> by Loop-Mediated Isothermal Amplification Combined with a Lateral Flow Dipstick Targeted to the <i>poX</i> Gene. <i>Journal of Aquatic Animal Health</i> , 2015, 27, 156-163.	0.6	17
27	Rapid and sensitive detection of <i>Vibrio harveyi</i> by loop-mediated isothermal amplification combined with lateral flow dipstick targeted to the <i>vhP2</i> gene. <i>Aquaculture Research</i> , 2015, 46, 1122-1131.	0.9	18
28	Immunological-based assays for specific detection of shrimp viruses. <i>World Journal of Virology</i> , 2014, 3, 1.	1.3	11
29	Molecular cloning and characterization of a Toll receptor gene from <i>Macrobrachium rosenbergii</i> . <i>Fish and Shellfish Immunology</i> , 2014, 36, 552-562.	1.6	47
30	Using vitellin monoclonal antibodies to assess the vitellogenesis-inhibiting hormone activity of <i>Macrobrachium rosenbergii</i> . <i>ScienceAsia</i> , 2014, 40, 157.	0.2	0
31	Development and evaluation of a highly sensitive immunochromatographic strip test using gold nanoparticle for direct detection of <i>Vibrio cholerae</i> O139 in seafood samples. <i>Biosensors and Bioelectronics</i> , 2013, 42, 229-235.	5.3	49
32	Rapid identification and differentiation of <i>Vibrio parahaemolyticus</i> from <i>Vibrio</i> spp. in seafood samples using developed monoclonal antibodies. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 721-731.	1.7	11
33	Simple and rapid detection of infectious myonecrosis virus using an immunochromatographic strip test. <i>Archives of Virology</i> , 2013, 158, 1925-1930.	0.9	17
34	Improvement of immunodetection of white spot syndrome virus using a monoclonal antibody specific for heterologously expressed <i>icp11</i> . <i>Archives of Virology</i> , 2013, 158, 967-979.	0.9	17
35	Evaluation of monoclonal antibody based immunochromatographic strip test for direct detection of <i>Vibrio cholerae</i> O1 contamination in seafood samples. <i>Journal of Microbiological Methods</i> , 2013, 95, 304-311.	0.7	17
36	Improved immunodetection of Taura syndrome virus using a monoclonal antibody specific for heterologously expressed VP1 capsid protein. <i>Archives of Virology</i> , 2013, 158, 77-85.	0.9	1

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37	Expression Levels of <i>Litopenaeus vannamei</i> Toll in the Whiteleg Shrimp ( <i>L. vannamei</i> ) in Response to Different Routes of Yellow Head Virus Infection. <i>Journal of Biological Sciences</i> , 2013, 13, 58-66.	0.1	3
38	Monoclonal antibodies against extra small virus show that it co-localizes with <i>Macrobrachium rosenbergii</i> nodavirus. <i>Diseases of Aquatic Organisms</i> , 2012, 99, 197-205.	0.5	11
39	Production of monoclonal antibodies specific to <i>Macrobrachium rosenbergii</i> nodavirus using recombinant capsid protein. <i>Diseases of Aquatic Organisms</i> , 2012, 98, 121-131.	0.5	15
40	<i>Penaeus monodon</i> nucleopolyhedrovirus detection using an immunochromatographic strip test. <i>Journal of Virological Methods</i> , 2012, 183, 210-214.	1.0	10
41	Improved immunodetection of <i>Penaeus monodon</i> densovirus with monoclonal antibodies raised against recombinant capsid protein. <i>Aquaculture</i> , 2011, 311, 19-24.	1.7	6
42	<i>Penaeus monodon</i> nucleopolyhedrovirus detection using monoclonal antibodies specific to recombinant polyhedrin protein. <i>Aquaculture</i> , 2011, 321, 216-222.	1.7	5
43	Differentiation among the <i>Vibrio cholerae</i> serotypes O1, O139, O141 and non-O1, non-O139, non-O141 using specific monoclonal antibodies with dot blotting. <i>Journal of Microbiological Methods</i> , 2011, 87, 224-233.	0.7	16
44	Rapid and sensitive detection of <i>Vibrio vulnificus</i> by loop-mediated isothermal amplification combined with lateral flow dipstick targeted to <i>rpoS</i> gene. <i>Molecular and Cellular Probes</i> , 2011, 25, 158-163.	0.9	54
45	The development of loop-mediated isothermal amplification combined with lateral flow dipstick for detection of <i>Vibrio parahaemolyticus</i> . <i>Letters in Applied Microbiology</i> , 2011, 52, 344-351.	1.0	66
46	Detection of infectious myonecrosis virus using monoclonal antibody specific to N and C fragments of the capsid protein expressed heterologously. <i>Journal of Virological Methods</i> , 2011, 171, 141-148.	1.0	20
47	Simultaneous and rapid detection of white spot syndrome virus and yellow head virus infection in shrimp with a dual immunochromatographic strip test. <i>Journal of Virological Methods</i> , 2011, 173, 85-91.	1.0	39
48	<i>Penaeovirus</i> . , 2011, , 133-135.		0
49	Improved sensitivity of Taura syndrome virus immunodetection with a monoclonal antibody against the recombinant VP2 capsid protein. <i>Journal of Virological Methods</i> , 2010, 163, 433-439.	1.0	10
50	Rapid and sensitive detection of <i>Vibrio cholerae</i> by loop-mediated isothermal amplification targeted to the gene of outer membrane protein <i>ompW</i> . <i>Letters in Applied Microbiology</i> , 2010, 50, 36-42.	1.0	42
51	Simple and direct detection of <i>Aeromonas hydrophila</i> infection in the goldfish, <i>Carassius auratus</i> (L.), by dot blotting using specific monoclonal antibodies. <i>Journal of Fish Diseases</i> , 2010, 33, 973-984.	0.9	14
52	<i>Monodon baculovirus</i> (MBV) infects the freshwater prawn <i>Macrobrachium rosenbergii</i> cultivated in Thailand. <i>Virus Research</i> , 2010, 148, 24-30.	1.1	16
53	Enhanced white spot syndrome virus (WSSV) detection sensitivity using monoclonal antibody specific to heterologously expressed VP19 envelope protein. <i>Aquaculture</i> , 2010, 299, 15-20.	1.7	27
54	Development of monoclonal antibodies for simple detection and differentiation of <i>Vibrio mimicus</i> from <i>V. cholerae</i> and <i>Vibrio</i> spp. by dot blotting. <i>Aquaculture</i> , 2010, 300, 17-24.	1.7	7

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55	Simple immunoblot and immunohistochemical detection of <i>Penaeus stylirostris</i> densovirus using monoclonal antibodies to viral capsid protein expressed heterologously. <i>Journal of Virological Methods</i> , 2009, 162, 126-132.	1.0	17
56	Rapid and sensitive detection of <i>Penaeus monodon</i> nucleopolyhedrovirus by loop-mediated isothermal amplification. <i>Journal of Virological Methods</i> , 2009, 162, 188-193.	1.0	17
57	Molecular isolation and characterization of a novel occlusion body protein gene from <i>Penaeus monodon</i> nucleopolyhedrovirus. <i>Virology</i> , 2008, 381, 261-267.	1.1	22
58	Multiplex RT-PCR assay for simultaneous detection of six viruses of penaeid shrimp. <i>Molecular and Cellular Probes</i> , 2008, 22, 177-183.	0.9	30
59	Identification of <i>Vibrio</i> spp. in vibriosis <i>Penaeus vannamei</i> using developed monoclonal antibodies. <i>Journal of Invertebrate Pathology</i> , 2008, 98, 63-68.	1.5	29
60	Preferential suppression of yellow head virus (YHV) envelope protein gp116 in shrimp that survive challenge with YHV. <i>Diseases of Aquatic Organisms</i> , 2008, 79, 1-8.	0.5	6
61	Specific monoclonal antibodies raised against Taura syndrome virus (TSV) capsid protein VP3 detect TSV in single and dual infections with white spot syndrome virus (WSSV). <i>Diseases of Aquatic Organisms</i> , 2008, 79, 75-81.	0.5	15
62	A simple and rapid immunochromatographic test strip for detection of pathogenic isolates of <i>Vibrio harveyi</i> . <i>Journal of Microbiological Methods</i> , 2007, 71, 256-264.	0.7	48
63	A convenient immunochromatographic test strip for rapid diagnosis of yellow head virus infection in shrimp. <i>Journal of Virological Methods</i> , 2007, 140, 193-199.	1.0	76
64	Experimental infection of some penaeid shrimps and crabs by yellow head virus (YHV). <i>Aquaculture</i> , 2006, 257, 83-91.	1.7	22
65	Development of monoclonal antibodies for simple identification of <i>Vibrio alginolyticus</i> . <i>Letters in Applied Microbiology</i> , 2006, 43, 436-442.	1.0	13
66	Development of a polyclonal antibody specific to VP19 envelope protein of white spot syndrome virus (WSSV) using a recombinant protein preparation. <i>Journal of Virological Methods</i> , 2006, 133, 180-184.	1.0	18
67	Title is missing!. <i>ScienceAsia</i> , 2006, 32, 201.	0.2	7
68	Polyclonal antibodies specific for VP1 and VP3 capsid proteins of Taura syndrome virus (TSV) produced via gene cloning and expression. <i>Diseases of Aquatic Organisms</i> , 2006, 69, 249-253.	0.5	9
69	A simple and rapid immunochromatographic test strip for detection of white spot syndrome virus (WSSV) of shrimp. <i>Diseases of Aquatic Organisms</i> , 2006, 72, 101-106.	0.5	71
70	Efficient Photocleavage of Lysozyme by a New Chiral Probe. <i>Letters in Organic Chemistry</i> , 2005, 2, 554-558.	0.2	4
71	Monoclonal antibodies specific to haemocytes of black tiger prawn <i>Penaeus monodon</i> . <i>Fish and Shellfish Immunology</i> , 2005, 18, 189-198.	1.6	22
72	Production of monoclonal antibodies for detection of <i>Vibrio harveyi</i> . <i>Diseases of Aquatic Organisms</i> , 2005, 63, 161-168.	0.5	21

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73	Differences in susceptibility of palaemonid shrimp species to yellow head virus (YHV) infection. Diseases of Aquatic Organisms, 2005, 64, 5-12.	0.5	31
74	Generation of monoclonal antibodies specific to hepatopancreatic parvovirus (HPV) from <i>Penaeus monodon</i> . Diseases of Aquatic Organisms, 2005, 65, 85-89.	0.5	24
75	The effect of eyestalk homogenate on haemolymph vitellogenin levels in the black tiger prawn <i>Penaeus monodon</i> . Invertebrate Reproduction and Development, 2004, 45, 91-100.	0.3	1
76	Title is missing!. ScienceAsia, 2004, 30, 359.	0.2	32
77	Immunolocalization of allatostatin-like neuropeptides and their putative receptor in eyestalks of the tiger prawn, <i>Penaeus monodon</i> . Peptides, 2003, 24, 1563-1570.	1.2	12
78	Monoclonal antibodies specific to yellow-head virus (YHV) of <i>Penaeus monodon</i> . Diseases of Aquatic Organisms, 2002, 49, 71-76.	0.5	61
79	Seven novel FMRFamide-like neuropeptide sequences from the eyestalk of the giant tiger prawn <i>Penaeus monodon</i> . Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 131, 325-337.	0.7	50
80	Four novel PYFs: members of NPY/PP peptide superfamily from the eyestalk of the giant tiger prawn <i>Penaeus monodon</i> . Peptides, 2002, 23, 1895-1906.	1.2	19
81	Differential expression of CMG peptide and crustacean hyperglycemic hormones (CHHs) in the eyestalk of the giant tiger prawn <i>Penaeus monodon</i> . Peptides, 2002, 23, 1943-1952.	1.2	5
82	Development of a monoclonal antibody specific to yellow head virus (YHV) from <i>Penaeus monodon</i> . Diseases of Aquatic Organisms, 2000, 42, 27-34.	0.5	48