Chu-Fang Lo

List of Publications by Year
in descending order

160 papers	9,865 citations	34105 52 h-index	39675 94 g-index
163 all docs	163 docs citations	163 times ranked	4168 citing authors

#	Article	IF	Citations
1	White spot syndrome baculovirus (WSBV) detected in cultured and captured shrimp, crabs and other arthropods. Diseases of Aquatic Organisms, 1996, 27, 215-225.	1.0	528
2	Pathogenicity of a baculovirus infection causing white spot syndrome in cultured penaeid shrimp in Taiwan. Diseases of Aquatic Organisms, 1995, 23, 165-173.	1.0	494
3	The opportunistic marine pathogen Vibrio parahaemolyticus becomes virulent by acquiring a plasmid that expresses a deadly toxin. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10798-10803.	7.1	427
4	Detection of baculovirus associated with white spot syndrome (WSBV) in penaeid shrimps using polymerase chain reaction. Diseases of Aquatic Organisms, 1996, 25, 133-141.	1.0	398
5	Purification and genomic analysis of baculovirus associated with white spot syndrome (WSBV) of Penaeus monodon. Diseases of Aquatic Organisms, 1995, 23, 239-242.	1.0	282
6	Variation in Vibrio parahaemolyticus isolates from a single Thai shrimp farm experiencing an outbreak of acute hepatopancreatic necrosis disease (AHPND). Aquaculture, 2014, 428-429, 297-302.	3.5	245
7	Detection and tissue tropism of white spot syndrome baculovirus (WSBV) in captured brooders of Penaeus monodon with a special emphasis on reproductive organs. Diseases of Aquatic Organisms, 1997, 30, 53-72.	1.0	232
8	PmRab7 Is a VP28-Binding Protein Involved in White Spot Syndrome Virus Infection inShrimp. Journal of Virology, 2006, 80, 10734-10742.	3.4	230
9	Experimental infection of white spot baculovirus in some cultured and wild decapods in Taiwan. Aquaculture, 1998, 164, 221-231.	3.5	226
10	Genomic and Proteomic Analysis of Thirty-Nine Structural Proteins of Shrimp White Spot Syndrome Virus. Journal of Virology, 2004, 78, 11360-11370.	3.4	219
11	Pathogenesis of acute hepatopancreatic necrosis disease (AHPND) in shrimp. Fish and Shellfish Immunology, 2015, 47, 1006-1014.	3.6	197
12	Identification of the Nucleocapsid, Tegument, and Envelope Proteins of the Shrimp White Spot Syndrome Virus Virion. Journal of Virology, 2006, 80, 3021-3029.	3.4	189
13	White Spot Syndrome Virus Annexes a Shrimp STAT To Enhance Expression of the Immediate-Early Gene ie1. Journal of Virology, 2007, 81, 1461-1471.	3.4	188
14	Identification of white spot syndrome associated baculovirus (WSBV) target organs in the shrimp Penaeus monodon by in situ hybridization. Diseases of Aquatic Organisms, 1996, 27, 131-139.	1.0	187
15	Natural and experimental infection of white spot syndrome virus (WSSV) in benthic larvae of mud crab Scylla serrata. Diseases of Aquatic Organisms, 2000, 40, 157-161.	1.0	167
16	White Spot Syndrome Virus Induces Metabolic Changes Resembling the Warburg Effect in Shrimp Hemocytes in the Early Stage of Infection. Journal of Virology, 2011, 85, 12919-12928.	3.4	167
17	Protein expression profiling of the shrimp cellular response to white spot syndrome virus infection. Developmental and Comparative Immunology, 2007, 31, 672-686.	2.3	142
18	WSSV infection activates STAT in shrimp. Developmental and Comparative Immunology, 2008, 32, 1142-1150.	2.3	141

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19	An Invertebrate Warburg Effect: A Shrimp Virus Achieves Successful Replication by Altering the Host Metabolome via the PI3K-Akt-mTOR Pathway. PLoS Pathogens, 2014, 10, e1004196.	4.7	141
20	Shrimp Pm-fortilin inhibits the expression of early and late genes of white spot syndrome virus (WSSV) in an insect cell model. Developmental and Comparative Immunology, 2011, 35, 469-475.	2.3	140
21	Whispovirus. Current Topics in Microbiology and Immunology, 2009, 328, 197-227.	1.1	130
22	Microarray and RT-PCR screening for white spot syndrome virus immediate-early genes in cycloheximide-treated shrimp. Virology, 2005, 334, 327-341.	2.4	128
23	Draft Genome Sequences of Four Strains of Vibrio parahaemolyticus, Three of Which Cause Early Mortality Syndrome/Acute Hepatopancreatic Necrosis Disease in Shrimp in China and Thailand. Genome Announcements, 2014, 2, .	0.8	123
24	Comparative analysis of differentially expressed genes in normal and white spot syndrome virus infected Penaeus monodon. BMC Genomics, 2007, 8, 120.	2.8	116
25	Mass mortalities associated with viral nervous necrosis (VNN) disease in two species of hatchery-reared grouper, Epinephelus fuscogutatus and Epinephelus akaara (Temminck & Schlegel). Journal of Fish Diseases, 1997, 20, 185-193.	1.9	112
26	Long-term presence of white spot syndrome virus (WSSV) in a cultivated shrimp population without disease outbreaks. Diseases of Aquatic Organisms, 1999, 38, 107-114.	1.0	99
27	Transcriptional Analysis of the DNA Polymerase Gene of Shrimp White Spot Syndrome Virus. Virology, 2002, 301, 136-147.	2.4	96
28	Studies on transmission of white spot syndrome associated baculovirus (WSBV) in Penaeus monodon and P. japonicus via waterborne contact and oral ingestion. Aquaculture, 1998, 164, 263-276.	3.5	93
29	Effect of dietary Î²-1,3-glucan on resistance to white spot syndrome virus (WSSV) in postlarval and juvenile Penaeus monodon. Diseases of Aquatic Organisms, 1999, 36, 163-168.	1.0	91
30	Identification of a Nucleocapsid Protein (VP35) Gene of Shrimp White Spot Syndrome Virus and Characterization of the Motif Important for Targeting VP35 to the Nuclei of Transfected Insect Cells. Virology, 2002, 293, 44-53.	2.4	90
31	Virus-associated White Spot Syndrome of Shrimp in Taiwan: A Review.. Fish Pathology, 1998, 33, 365-371.	0.7	87
32	Hepatopancreas is the extraovarian site of vitellogenin synthesis in black tiger shrimp, Penaeus monodon. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 129, 909-917.	1.8	85
33	Specific genomic DNA fragment analysis of different geographical clinical samples of shrimp white spot syndrome virus. Diseases of Aquatic Organisms, 1999, 35, 175-185.	1.0	81
34	White spot syndrome virus protein ICP11: A histone-binding DNA mimic that disrupts nucleosome assembly. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20758-20763.	7.1	79
35	Detection of white spot baculovirus (WSBV) in giant freshwater prawn, Macrobrachium rosenbergii, using polymerase chain reaction. Aquaculture, 1998, 164, 253-262.	3.5	78
36	Identification and Characterization of a Shrimp White Spot Syndrome Virus (WSSV) Gene That Encodes a Novel Chimeric Polypeptide of Cellular-Type Thymidine Kinase and Thymidylate Kinase. Virology, 2000, 277, 100-110.	2.4	76

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37	Ultrastructure of white spot syndrome virus development in primary lymphoid organ cell cultures. Diseases of Aquatic Organisms, 2000, 41, 91-104.	1.0	75
38	Transcriptional Analysis of the Ribonucleotide Reductase Genes of Shrimp White Spot Syndrome Virus. Virology, 2000, 277, 92-99.	2.4	74
39	Penaeus monodon chitin-binding protein (PmCBP) is involved in white spot syndrome virus (WSSV) infection. Fish and Shellfish Immunology, 2009, 27, 460-465.	3.6	74
40	Molecular cloning and characterization of an inhibitor of apoptosis protein (IAP) from the tiger shrimp, Penaeus monodon. Developmental and Comparative Immunology, 2008, 32, 121-133.	2.3	73
41	The Unique Stacked Rings in the Nucleocapsid of the White Spot Syndrome Virus Virion Are Formed by the Major Structural Protein VP664, the Largest Viral Structural Protein Ever Found. Journal of Virology, 2005, 79, 140-149.	3.4	72
42	A 3D Model of the Membrane Protein Complex Formed by the White Spot Syndrome Virus Structural Proteins. PLoS ONE, 2010, 5, e10718.	2.5	71
43	Proteomic analysis of differentially expressed proteins in Penaeus monodon hemocytes after Vibrio harveyi infection. Proteome Science, 2010, 8, 39.	1.7	70
44	Identification of miRNAs and Their Targets in the LiverwortMarchantia polymorphaby Integrating RNA-Seq and Degradome Analyses. Plant and Cell Physiology, 2016, 57, 339-358.	3.1	70
45	The novel organization and complete sequence of the ribosomal RNA gene of Nosema bombycis. Fungal Genetics and Biology, 2004, 41, 473-481.	2.1	69
46	Identification and cloning of a selenium-dependent glutathione peroxidase from tiger shrimp, Penaeus monodon, and its transcription following pathogen infection and related to the molt stages. Developmental and Comparative Immunology, 2010, 34, 935-944.	2.3	69
47	A model for apoptotic interaction between white spot syndrome virus and shrimp. Fish and Shellfish Immunology, 2013, 34, 1011-1017.	3.6	67
48	Analysis of a genomic segment of white spot syndrome virus of shrimp containing ribonucleotide reductase genes and repeat regions. Microbiology (United Kingdom), 2000, 81, 307-316.	1.8	67
49	The Role of Aldehyde Dehydrogenase and Hsp70 in Suppression of White Spot Syndrome Virus Replication at High Temperature. Journal of Virology, 2011, 85, 3517-3525.	3.4	63
50	The characterization of microsporidian isolates (Nosematidae: Nosema) from five important lepidopteran pests in Taiwan. Journal of Invertebrate Pathology, 2003, 83, 51-59.	3.2	59
51	White spot syndrome virus envelope protein VP53A interacts with Penaeus monodon chitin-binding protein (PmCBP). Diseases of Aquatic Organisms, 2007, 74, 171-178.	1.0	57
52	Alpha-2-macroglobulin is a modulator of prophenoloxidase system in pacific white shrimp Litopenaeus vannamai. Fish and Shellfish Immunology, 2017, 62, 68-74.	3.6	54
53	Studies on effective PCR screening strategies for white spot syndrome virus (WSSV) detection in Penaeus monodon brooders. Diseases of Aquatic Organisms, 1999, 39, 13-19.	1.0	53
54	Anti-lipopolysaccharide factor isoform 3 from Penaeus monodon (ALFPm3) exhibits antiviral activity by interacting with WSSV structural proteins. Antiviral Research, 2014, 110, 142-150.	4.1	52

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55	Identification of the small heat shock protein, HSP21, of shrimp Penaeus monodon and the gene expression of HSP21 is inactivated after white spot syndrome virus (WSSV) infection. Fish and Shellfish Immunology, 2008, 25, 250-257.	3.6	50
56	The Complete Genome Sequence of Perina nuda Picorna-like Virus, An Insect-Infecting RNA Virus with a Genome Organization Similar to That of the Mammalian Picornaviruses. Virology, 2002, 294, 312-323.	2.4	49
57	A Review of the Major Penaeid Shrimp EST Studies and the Construction of a Shrimp Transcriptome Database Based on the ESTs from Four Penaeid Shrimp. Marine Biotechnology, 2011, 13, 608-621.	2.4	49
58	Penaeus monodon caspase is targeted by a white spot syndrome virus anti-apoptosis protein. Developmental and Comparative Immunology, 2008, 32, 476-486.	2.3	47
59	Cloning, Characterization, and Phylogenetic Analysis of a Shrimp White Spot Syndrome Virus Gene That Encodes a Protein Kinase. Virology, 2001, 289, 362-377.	2.4	42
60	Comparative genomics of Vibrio campbellii strains and core species of the Vibrio Harveyi clade. Scientific Reports, 2017, 7, 41394.	3.3	42
61	Analysis of differently expressed proteins and transcripts in gills of Penaeus vannamei after yellow head virus infection. Proteomics, 2007, 7, 3809-3814.	2.2	41
62	Validation of a Commercial Insulated Isothermal PCR-based POCKIT Test for Rapid and Easy Detection of White Spot Syndrome Virus Infection in Litopenaeus vannamei. PLoS ONE, 2014, 9, e90545.	2.5	41
63	Transactivation, Dimerization, and DNA-Binding Activity of White Spot Syndrome Virus Immediate-Early Protein IE1. Journal of Virology, 2008, 82, 11362-11373.	3.4	40
64	Six Hours after Infection, the Metabolic Changes Induced by WSSV Neutralize the Hostâ€™s Oxidative Stress Defenses. Scientific Reports, 2016, 6, 27732.	3.3	40
65	Performance of WSSV-infected and WSSV-negative Penaeus monodon postlarvae in culture ponds. Diseases of Aquatic Organisms, 2001, 46, 165-172.	1.0	40
66	Fosmid library end sequencing reveals a rarely known genome structure of marine shrimp Penaeus monodon. BMC Genomics, 2011, 12, 242.	2.8	39
67	The genome and occlusion bodies of marine Penaeus monodon nudivirus (PmNV, also known as MBV) Tj ETQq1 1 0.784314 rgBT /Ov terrestrial nudiviruses. BMC Genomics, 2014, 15, 628.	2.8	38
68	Identification of icp11, the most highly expressed gene of shrimp white spot syndrome virus (WSSV). Diseases of Aquatic Organisms, 2007, 74, 179-189.	1.0	36
69	Purification and Amplification of DNA from Penaeus monodon-Type Baculovirus (MBV). Journal of Invertebrate Pathology, 1993, 62, 116-120.	3.2	35
70	The characteristics of the virus isolated from the gill of clam, Meretrix lusoria.. Fish Pathology, 1988, 23, 147-154.	0.7	33
71	Sequencing and Amplified Restriction Fragment Length Polymorphism Analysis of Ribonucleotide Reductase Large Subunit Gene of the White Spot Syndrome Virus in Blue Crab (Callinectes sapidus) from American Coastal Waters. Marine Biotechnology, 2001, 3, 163-171.	2.4	33
72	Genomic and host range studies of Maruca vitrata nucleopolyhedrovirus. Journal of General Virology, 2008, 89, 2315-2330.	2.9	33

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73	Litopenaeus vannamei inhibitor of apoptosis protein 1 (LvIAP1) is essential for shrimp survival. Developmental and Comparative Immunology, 2012, 38, 78-87.	2.3	33
74	TALENs-mediated gene disruption of myostatin produces a larger phenotype of medaka with an apparently compromised immune system. Fish and Shellfish Immunology, 2016, 48, 212-220.	3.6	33
75	Molecular mechanism of the interactions between white spot syndrome virus anti-apoptosis protein AAP-1 (WSSV449) and shrimp effector caspase. Developmental and Comparative Immunology, 2010, 34, 1068-1074.	2.3	32
76	Penaeus monodon TATA Box-Binding Protein Interacts with the White Spot Syndrome Virus Transactivator IE1 and Promotes Its Transcriptional Activity. Journal of Virology, 2011, 85, 6535-6547.	3.4	32
77	Genetic and phenotypic variations of isolates of shrimp Taura syndrome virus found in Penaeus monodon and Metapenaeus ensis in Taiwan. Journal of General Virology, 2004, 85, 2963-2968.	2.9	31
78	The Transition from Pre-patent to Patent Infection of White Spot Syndrome Virus (WSSV) in Penaeus monodon Triggered by Pereiopod Excision.. Fish Pathology, 1998, 33, 395-400.	0.7	31
79	Studies of Clinostomum complanatum (RUD., 1819). Fish Pathology, 1981, 15, 219-227.	0.7	30
80	Neobenedenia girellae (Monogenea) Infection of Cultured Cobia Rachycentron canadum in Taiwan. Fish Pathology, 2006, 41, 51-56.	0.7	30
81	Ferritin administration effectively enhances immunity, physiological responses, and survival of Pacific white shrimp (Litopenaeus vannamei) challenged with white spot syndrome virus. Fish and Shellfish Immunology, 2010, 28, 542-548.	3.6	30
82	Shrimp laminin receptor binds with capsid proteins of two additional shrimp RNA viruses YHV and IMNV. Fish and Shellfish Immunology, 2011, 31, 66-72.	3.6	30
83	Ultrastructural justification for the transfer of Pleistophora anguillarum Hoshina, 1959 to the genus Heterosporis Schubert, 1969. Diseases of Aquatic Organisms, 2000, 43, 225-231.	1.0	30
84	White spot syndrome virus (WSSV) PCR-positive Artemia cysts yield PCR-negative nauplii that fail to transmit WSSV when fed to shrimp postlarvae. Diseases of Aquatic Organisms, 2002, 49, 1-10.	1.0	30
85	Pathogenicity of a Birnavirus to Hard Clam(Meretrix lusoria) and Effect of Temperature Stress on Its Virulence.. Fish Pathology, 1994, 29, 171-175.	0.7	29
86	Diagnosis of Penaeus monodon-type baculovirus by PCR and by ELISA of occlusion bodies. Diseases of Aquatic Organisms, 2000, 40, 93-99.	1.0	29
87	Characterization of White Spot Syndrome Virus Envelope Protein VP51A and Its Interaction with Viral Tegument Protein VP26. Journal of Virology, 2008, 82, 12555-12564.	3.4	29
88	Genomic sequencing and analyses of Lymantria xylina multiple nucleopolyhedrovirus. BMC Genomics, 2010, 11, 116.	2.8	29
89	The Rho signalling pathway mediates the pathogenicity of AHPNDâ€causing V.Âparahaemolyticus in shrimp. Cellular Microbiology, 2018, 20, e12849.	2.1	28
90	Complete sequence and structure of ribosomal RNA gene of Heterosporis anguillarum. Diseases of Aquatic Organisms, 2002, 49, 199-206.	1.0	28

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91	Label free detection of white spot syndrome virus using lead magnesium niobateâ€“lead titanate piezoelectric microcantilever sensors. Biosensors and Bioelectronics, 2010, 26, 964-969.	10.1	27
92	Construction and Application of a Protein Interaction Map for White Spot Syndrome Virus (WSSV). Molecular and Cellular Proteomics, 2014, 13, 269-282.	3.8	26
93	Structural Insights to the Heterotetrameric Interaction between the Vibrio parahaemolyticus PirAvp and PirBvp Toxins and Activation of the Cry-Like Pore-Forming Domain. Toxins, 2019, 11, 233.	3.4	26
94	Chimeric Polypeptide of Thymidine Kinase and Thymidylate Kinase of Shrimp White Spot Syndrome Virus: Thymidine Kinase Activity of the Recombinant Protein Expressed in a Baculovirus/Insect Cell System. Virology, 2002, 299, 248-255.	2.4	25
95	Proteome analysis of differentiating human myoblasts by dialysisâ€assisted twoâ€dimensional gel electrophoresis (DAGE). Proteomics, 2008, 8, 264-278.	2.2	25
96	Characterization ofPerina nudaNucleopolyhedrovirus (PenuNPV) Polyhedrin Gene. Journal of Invertebrate Pathology, 1996, 67, 259-266.	3.2	24
97	Ribonucleotide Reductase of Shrimp White Spot Syndrome Virus (WSSV): Expression and Enzymatic Activity in a Baculovirus/Insect Cell System and WSSV-Infected Shrimp. Virology, 2002, 304, 282-290.	2.4	24
98	Hepatopancreas and ovary are sites of vitellogenin synthesis as determined from partial cDNA encoding of vitellogenin in the marine shrimp,Penaeus vannamei. Invertebrate Reproduction and Development, 2002, 42, 137-143.	0.8	22
99	White Spot Syndrome Virus Protein Kinase 1 Defeats the Host Cell's Iron-Withholding Defense Mechanism by Interacting with Host Ferritin. Journal of Virology, 2015, 89, 1083-1093.	3.4	22
100	The Small Subunit Ribosomal RNA Gene Sequence of Pleistophora anguillarum and The Use of PCR Primers for Diagnostic Detection of the Parasite. Journal of Eukaryotic Microbiology, 1998, 45, 556-560.	1.7	21
101	Assessment of the Roles of Copepod Apocyclops royi and Bivalve Mollusk Meretrix lusoria in White Spot Syndrome Virus Transmission. Marine Biotechnology, 2011, 13, 909-917.	2.4	21
102	Proteomic analysis of differentially expressed proteins in the lymphoid organ of Vibrio harveyi-infected Penaeus monodon. Molecular Biology Reports, 2012, 39, 6367-6377.	2.3	21
103	A new microsporidium, Triwangia caridinae gen. nov., sp. nov. parasitizing fresh water shrimp, Caridina formosae (Decapoda: Atyidae) in Taiwan. Journal of Invertebrate Pathology, 2013, 112, 281-293.	3.2	21
104	Expression of two forms of carp gonadotropin alpha subunit in insect cells by recombinant baculovirus.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 7486-7490.	7.1	20
105	Continuous Cell Line from Pupal Ovary ofPerina nuda(Lepidoptera: Lymantriidae) That Is Permissive to Nuclear Polyhedrosis Virus fromP. nuda. Journal of Invertebrate Pathology, 1996, 67, 199-204.	3.2	20
106	Bile acid and bile acid transporters are involved in the pathogenesis of acute hepatopancreatic necrosis disease in white shrimpLitopenaeus vannamei. Cellular Microbiology, 2020, 22, e13127.	2.1	20
107	Nested polymerase chain reaction and in situ hybridization for detection of nucleopolyhedrosis. Journal of Virological Methods, 2000, 84, 65-75.	2.1	19
108	Penaeus monodonThioredoxin Restores the DNA Binding Activity of Oxidized White Spot Syndrome Virus IE1. Antioxidants and Redox Signaling, 2012, 17, 914-926.	5.4	19

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109	Expression and biological activity of two types of interferon genes in medaka (Oryzias latipes). Fish and Shellfish Immunology, 2016, 48, 20-29.	3.6	19
110	Resonant Dipolar Coupling of Microwaves with Confined Acoustic Vibrations in a Rod-shaped Virus. Scientific Reports, 2017, 7, 4611.	3.3	19
111	A cell line (EP-1 cell line) derived from â€œBeko diseaseâ€•affected Japanese eel elver (Anguilla japonica) persistently infected with Pleistophora anguillarum. Aquaculture, 1995, 132, 161-173.	3.5	18
112	A New Picorna-like Virus, PnPV, Isolated from Ficus Transparent Wing Moth, Perina nuda (Fabricius). Journal of Invertebrate Pathology, 1999, 74, 62-68.	3.2	18
113	Polycistronic mRNAs and internal ribosome entry site elements (IRES) are widely used by white spot syndrome virus (WSSV) structural protein genes. Virology, 2009, 387, 353-363.	2.4	18
114	The study of Clinostomum complanatum (Rud., 1814). V. The influences of metacercaria of Clinostomum complanatum on fish.. Fish Pathology, 1985, 20, 305-312.	0.7	17
115	Role of Penaeus monodon Kruppel-like factor (PmKLF) in infection by white spot syndrome virus. Developmental and Comparative Immunology, 2012, 36, 121-129.	2.3	17
116	Shrimp miR-10a Is Co-opted by White Spot Syndrome Virus to Increase Viral Gene Expression and Viral Replication. Frontiers in Immunology, 2017, 8, 1084.	4.8	17
117	Co-Interactive DNA-Binding between a Novel, Immunophilin-Like Shrimp Protein and VP15 Nucleocapsid Protein of White Spot Syndrome Virus. PLoS ONE, 2011, 6, e25420.	2.5	17
118	Secretory Synthesis of Active Recombinant Fish Growth Hormone by Insect Cells Using a Baculovirus Vector. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 1-7.	1.4	16
119	The DNA Virus White Spot Syndrome Virus Uses an Internal Ribosome Entry Site for Translation of the Highly Expressed Nonstructural Protein ICP35. Journal of Virology, 2013, 87, 13263-13278.	3.4	16
120	Spawning stress triggers WSSV replication in brooders via the activation of shrimp STAT. Developmental and Comparative Immunology, 2012, 38, 128-135.	2.3	15
121	Regulation of the immediate-early genes of white spot syndrome virus by Litopenaeus vannamei kruppel-like factor (LvKLF). Developmental and Comparative Immunology, 2014, 46, 364-372.	2.3	15
122	Penaeus vannamei serine proteinase inhibitor 7 (LvSerpin7) acts as an immune brake by regulating the proPO system in AHPND-affected shrimp. Developmental and Comparative Immunology, 2020, 106, 103600.	2.3	15
123	Antibody production in Japanese eels, Anguilla japonica Temminck & Schlegel. Journal of Fish Diseases, 1997, 20, 195-200.	1.9	13
124	Humoral immune response of Japanese eel, Anguilla japonica Temminck & Schlegel, to Pleistophora anguillarum Hoshina, 1951 (Microspora). Journal of Fish Diseases, 1996, 19, 243-250.	1.9	12
125	Characterization of a new insect cell line (NTU-YB) derived from the common grass yellow butterfly, Eurema hecabe (Linnaeus) (Pieridae: Lepidoptera) and its susceptibility to microsporidia. Journal of Invertebrate Pathology, 2009, 102, 256-262.	3.2	12
126	Hijacking of Host Calreticulin is Required for the White Spot Syndrome Virus Replication Cycle.. Journal of Virology, 2014, 88, JVI.01014-14.	3.4	12

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127	Draft Genome Sequence of Vibrio parahaemolyticus Strain M1-1, Which Causes Acute Hepatopancreatic Necrosis Disease in Shrimp in Vietnam. Genome Announcements, 2018, 6, .	0.8	12
128	Laminin Receptor in Shrimp Is a Cellular Attachment Receptor for White Spot Syndrome Virus. PLoS ONE, 2016, 11, e0156375.	2.5	11
129	The novel white spot syndrome virus-induced gene, PmERP15, encodes an ER stress-responsive protein in black tiger shrimp, Penaeus monodon. Developmental and Comparative Immunology, 2015, 49, 239-248.	2.3	10
130	The promoter of the white spot syndrome virus immediate-early gene WSSV108 is activated by the cellular KLF transcription factor. Developmental and Comparative Immunology, 2015, 49, 7-18.	2.3	10
131	A Novel Detection Platform for Shrimp White Spot Syndrome Virus Using an ICP11-Dependent Immunomagnetic Reduction (IMR) Assay. PLoS ONE, 2015, 10, e0138207.	2.5	10
132	Antibody response of glass eels,Anguilla japonica Temminck & Schlegel, to Pleistophora anguillarum Hoshina (Microspora) infection. Journal of Fish Diseases, 1997, 20, 237-239.	1.9	9
133	A new nucleopolyhedrovirus strain (LdMNPV-like virus) with a defective fp25 gene from Lymantria xylina (Lepidoptera: Lymantriidae) in Taiwan. Journal of Invertebrate Pathology, 2009, 102, 110-119.	3.2	9
134	A Perina nuda cell line(NTU-Pn-HF) from pupal ovary that is persistently infected with a picorna-like virus(PnPV).. Applied Entomology and Zoology, 2002, 37, 171-179.	1.2	8
135	A new cell line (NTU-SE) from pupal tissues of the beet armyworm, Spodoptera exigua (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Over Autographa californica MNPV (AcMNPV). Journal of Invertebrate Pathology, 2012, 111, 143-151.	3.2	8
136	WSV399, a viral tegument protein, interacts with the shrimp protein PmVRP15 to facilitate viral trafficking and assembly. Developmental and Comparative Immunology, 2016, 59, 177-185.	2.3	8
137	The gene structure and hypervariability of the complete Penaeus monodon Dscam gene. Scientific Reports, 2019, 9, 16595.	3.3	8
138	The General Characteristics of a Birnavirus Isolated from Cultured Loach(Misgurnus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (angui	0.7	7
139	Shrimp White Spot Syndrome - from Pathology to Pathogenomics. Fish Pathology, 2009, 44, 55-58.	0.7	7
140	A new microsporidian species, Vairimorpha ocinarae n. sp., isolated from Ocinara lida Moore (Lepidoptera: Bombycidae) in Taiwan. Journal of Invertebrate Pathology, 2009, 100, 68-78.	3.2	7
141	Purification and Biochemical Characteristics of Occlusion Body of Penaeus monodon-Type Baculovirus(MBV).. Fish Pathology, 1992, 27, 127-130.	0.7	7
142	Comparison of Genomic Sequence of Infectious Hypodermal and Hematopoietic Necrosis Virus (IHHNV) between Taiwan and Other Geographical Isolates. Fish Pathology, 2003, 38, 177-179.	0.7	7
143	Expression of the AHPND Toxins PirAvp and PirBvp Is Regulated by Components of the Vibrio parahaemolyticus Quorum Sensing (QS) System. International Journal of Molecular Sciences, 2022, 23, 2889.	4.1	7
144	Characterization and Interactome Study of White Spot Syndrome Virus Envelope Protein VP11. PLoS ONE, 2014, 9, e85779.	2.5	6

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145	Identification of insect cell lines and cell-line cross-contaminations by nuclear ribosomal ITS sequences. Journal of Applied Entomology, 2011, 135, 601-610.	1.8	5
146	Phosphorylation is required for myosin regulatory light chain (PmMRLC) to control yellow head virus infection in shrimp hemocytes. Fish and Shellfish Immunology, 2013, 34, 1042-1049.	3.6	5
147	Immune Response of the Japanese Eel (Anguilla japonica) against Major Antigens from the Microsporean Pleistophora anguillarum Hoshina, 1951.. Fish Pathology, 1992, 27, 157-161.	0.7	5
148	Characterization of a multiple-nucleocapsid nucleopolyhedrovirus isolated from Perina nuda (Fabricius) (Lepidoptera: Lymantriidae) larvae. Applied Entomology and Zoology, 2004, 39, 283-292.	1.2	4
149	Feeding hermit crabs to shrimp broodstock increases their risk of WSSV infection. Diseases of Aquatic Organisms, 2012, 98, 193-199.	1.0	4
150	AHPND biomarker profile identified by transcriptome sequencing in Litopenaeus vannamei stomach. Fish and Shellfish Immunology, 2016, 53, 61.	3.6	3
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