Ikuo Hirono

List of Publications by Year
in descending order

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383	13,769	17440	42399
papers	citations	63 h-index	92 g-index

387	387	387	7165
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptome profiling reveals the novel immunometabolism-related genes against WSSV infection from Fenneropenaeus merguiensis. Fish and Shellfish Immunology, 2022, 120, 31-44.	3.6	7
2	Infectious hypodermal and hematopoietic necrosis virus-like particle (IHHNV-VLP) induces peroxiredoxin expression and activity in Fenneropenaeus merguiensis. Fish and Shellfish Immunology, 2022, 121, 53-61.	3.6	4
3	Bacterial and eukaryotic communities in pond water of whiteleg shrimp Litopenaeus vannamei and the bacterial communities of their stomach and midgut. Aquaculture, 2022, 554, 738139.	3.5	10
4	Comparative genome analyses of five Vibrio penaeicida strains provide insights into their virulence-related factors. Microbial Genomics, 2022, 8, .	2.0	3
5	Taurine synthesis via the cysteic acid pathway: effect of dietary cysteic acid on growth, body taurine content, and gene expression of taurine-synthesizing enzymes, growth hormone, and insulin-like growth factor 1 in Japanese flounder Paralichthys olivaceus. Fisheries Science, 2021, 87, 353-363.	1.6	4
6	Analysis of microbiota in the stomach and midgut of two penaeid shrimps during probiotic feeding. Scientific Reports, 2021, 11, 9936.	3.3	19
7	Development of single nucleotide polymorphism (SNP) application for detection and genotyping of RSIVâ€type megalocytiviruses. Journal of Fish Diseases, 2021, 44, 1337-1342.	1.9	2
8	Molecular characterization and expression analysis of Japanese flounder (Paralichthys olivaceus) chemokine receptor CXCR2 in comparison with CXCR1. Developmental and Comparative Immunology, 2021, 120, 104047.	2.3	3
9	Molecular evidence for homologous strains of infectious spleen and kidney necrosis virus (ISKNV) genotype I infecting inland freshwater cultured Asian sea bass (Lates calcarifer) in Thailand. Archives of Virology, 2021, 166, 3061-3074.	2.1	8
10	Genome and transcriptome assemblies of the kuruma shrimp,Marsupenaeus japonicus. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	20
11	Draft Genome Sequences of the Lipid-Degrading Bacteria Moritella sp. Strains F1 and F3, Isolated from Mesopelagic Seawater from the Sagami Trough, in Japan. Microbiology Resource Announcements, 2021, 10, e0004621.	0.6	0
12	Genome Sequence of Lymphocystis Disease Virus 2 LCDV-JP_Oita_2018, Isolated from a Diseased Japanese Flounder (Paralichthys olivaceus) in Japan. Microbiology Resource Announcements, 2021, 10, e0054721.	0.6	5
13	Phylogenetic position of the Atlantic Gnomefish, Scombrops oculatus (Teleostei: Scombropidae), within the genus Scombrops, inferred from the sequences of complete mitochondrial genome and cytochrome c oxidase subunit I genes. Mitochondrial DNA Part B: Resources, 2021, 6, 2852-2855.	0.4	1
14	Preliminary characterization of pathogen-detection activities of serum antibodies from the banded houndshark Triakis scyllium. Developmental and Comparative Immunology, 2021, 124, 104186.	2.3	1
15	Effects of Peptidoglycan and Polyinosinic: Polycytidylic Acid on the Recombinant Subunit Vaccine Efficacy Against Edwardsiella tarda in Japanese Flounder Paralichthys olivaceus. Fish Pathology, 2021, 56, 149-155.	0.7	3
16	Characterization of natural antigen-specific antibodies from naÃ¯ve sturgeon serum. Developmental and Comparative Immunology, 2020, 112, 103770.	2.3	3
17	Cytotoxicity of Streptococcus agalactiae secretory protein on tilapia cultured cells. Journal of Fish Diseases, 2020, 43, 1229-1236.	1.9	3
18	Molecular cloning, characterization and gene expression analysis of aminolevulinic acid synthase in Litopenaeus vannamei. Gene, 2020, 736, 144421.	2.2	1

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19	Investigation of essential cell cycle regulator genes as candidates for immortalized shrimp cell line establishment based on the effect of in vitro culturing on gene expression of shrimp primary cells. Aquaculture, 2020, 529, 735733.	3.5	4
20	Starvationâ€“refeeding causes cellular stress responses in the gut and liver of Masu salmon Oncorhynchus masou masou. Fisheries Science, 2020, 86, 1037-1042.	1.6	2
21	Gut bacterial community profile in Pacific white shrimp Litopenaeus vannamei following 5â€aminolevulinic acid supplementation. Aquaculture Research, 2020, 51, 4075-4086.	1.8	7
22	Novel Chimeric Multiepitope Vaccine for Streptococcosis Disease in Nile Tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	3.3	33
23	An oral delivery system for controlling white spot syndrome virus infection in shrimp using transgenic microalgae. Aquaculture, 2020, 521, 735022.	3.5	35
24	Draft Genome Sequences of Vibrio atypicus Strains DSM 25292 T and TUMSAT1. Microbiology Resource Announcements, 2020, 9, .	0.6	0
25	Dietary citrulline improves survival of rainbow trout Oncorhynchus mykiss juveniles challenged with Vibrio anguillarum. Aquaculture, 2020, 528, 735491.	3.5	6
26	Genome Sequence of Vibrio nigripulchritudo Strain TUMSAT-TG-2018, Isolated from Diseased Pacific White Shrimp, Litopenaeus vannamei. Microbiology Resource Announcements, 2020, 9, .	0.6	0
27	A Hint of Primitive Mucosal Immunity in Shrimp through Marsupenaeus japonicus Gill C-Type Lectin. Journal of Immunology, 2019, 203, 2310-2318.	0.8	21
28	Antiâ€PirAâ€like toxin immunoglobulin (IgY) in feeds passively immunizes shrimp against acute hepatopancreatic necrosis disease. Journal of Fish Diseases, 2019, 42, 1125-1132.	1.9	13
29	Effects of arginine supplementation on growth performance and plasma arginine, ornithine and citrulline dynamics of rainbow trout, Oncorhynchus mykiss. Aquaculture Research, 2019, 50, 1277-1290.	1.8	15
30	Isolation and molecular characterization of hemocyte sub-populations in kuruma shrimp Marsupenaeus japonicus. Fisheries Science, 2019, 85, 521-532.	1.6	16
31	Dietary 5-aminolevulinic acid enhances adenosine triphosphate production, ecdysis and immune response in Pacific white shrimp, Litopenaeus vannamei (Boone). Aquaculture Research, 2019, 50, 1131-1141.	1.8	10
32	Phylogenetic Analysis with Complete Mitochondrial Genome Sequences of <i>Benedenia seriolae</i> Specimens Derived from Japanese <i>Seriola</i> spp.. Fish Pathology, 2019, 54, 27-33.	0.7	4
33	Hematopoietic tissue of Macrobrachium rosenbergii plays dual roles as a source of hemocyte hematopoiesis and as a defensive mechanism against Macrobrachium rosenbergii nodavirus infection. Fish and Shellfish Immunology, 2019, 86, 756-763.	3.6	19
34	Crustacean Genome Exploration Reveals the Evolutionary Origin of White Spot Syndrome Virus. Journal of Virology, 2019, 93, .	3.4	37
35	Comparative genomics inferred two distinct populations of piscine pathogenic Streptococcus agalactiae, serotype Ia ST7 and serotype III ST283, in Thailand and Vietnam. Genomics, 2019, 111, 1657-1667.	2.9	21
36	Identification and expression analysis of Fc receptor-like proteins in Japanese flounder (Paralichthys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	2

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37	Identification of an anti-lipopolysaccharide factor AV-R isoform (LvALF AV-R) related to Vp_PirAB-like toxin resistance in Litopenaeus vannamei. Fish and Shellfish Immunology, 2019, 84, 178-188.	3.6	14
38	Adjuvant effects on protection and immune response of Japanese flounder immunized by the formalin-killed cells of Edwardsiella tarda. Fish and Shellfish Immunology, 2019, 84, 120-123.	3.6	5
39	ICTV Virus Taxonomy Profile: Nimaviridae. Journal of General Virology, 2019, 100, 1053-1054.	2.9	38
40	The immune functions of sessile hemocytes in three organs of kuruma shrimp Marsupenaeus japonicus differ from those of circulating hemocytes. Fish and Shellfish Immunology, 2018, 78, 109-113.	3.6	25
41	White spot syndrome virus (WSSV) suppresses penaeidin expression in Marsupenaeus japonicus hemocytes. Fish and Shellfish Immunology, 2018, 78, 233-237.	3.6	11
42	Disinfection of an <scp>EMS</scp>/<scp>AHPND</scp> strain of Vibrio parahaemolyticus using ozone nanobubbles. Journal of Fish Diseases, 2018, 41, 725-727.	1.9	24
43	Development of 11 Ecklonia radicosa (Phaeophyceae, Laminariales) SSRs markers using next-generation sequencing and intra-genus amplification analysis. Journal of Applied Phycology, 2018, 30, 2111-2115.	2.8	7
44	RNA-seq identifies integrin alpha of kuruma shrimp Marsupenaeus japonicus as a candidate molecular marker for phagocytic hemocytes. Developmental and Comparative Immunology, 2018, 81, 271-278.	2.3	11
45	Genome characterization of piscine â€˜Scale drop and Muscle Necrosis syndromeâ€™-associated strain ofVibrio harveyifocusing on bacterial virulence determinants. Journal of Applied Microbiology, 2018, 124, 652-666.	3.1	9
46	A novel white spot syndrome virus protein WSSV164 controls prophenoloxidases, PmproPOs in shrimp melanization cascade. Developmental and Comparative Immunology, 2018, 86, 109-117.	2.3	17
47	Draft Genome Sequence of Vibrio penaeicida Strain TUMSAT-NU1, Isolated from Diseased Shrimp in Japan. Genome Announcements, 2018, 6, .	0.8	2
48	Gills specific type 2 crustin isoforms: Its molecular cloning and characterization from kuruma shrimp Marsupenaeus japonicus. Developmental and Comparative Immunology, 2018, 85, 25-30.	2.3	17
49	Class B CpG-ODN2006 is highly associated with IgM and antimicrobial peptide gene expression through TLR9 pathway in yellowtail Seriola lalandi. Fish and Shellfish Immunology, 2018, 77, 71-82.	3.6	8
50	A novel white spot syndrome virus-induced gene (MjVIG1) from Marsupenaeus japonicus hemocytes. Fish and Shellfish Immunology, 2018, 77, 46-52.	3.6	1
51	A rapid method for simultaneously diagnosing four shrimp diseases using <scp>PCR</scp>â€<scp>DNA</scp> chromatography method. Journal of Fish Diseases, 2018, 41, 395-399.	1.9	14
52	Construction of an infectious Macrobrachium rosenbergii nodavirus from cDNA clones in Sf9 cells and improved recovery of viral RNA with AZT treatment. Aquaculture, 2018, 483, 111-119.	3.5	14
53	Distinction of the Skin Flukes <i>Benedenia seriolae</i> and <i>Neobenedenia girellae</i> Infecting <i>Seriola</i> spp. by PCR-RFLP Assay. Fish Pathology, 2018, 53, 124-127.	0.7	3
54	Rapid diagnosis of three shrimp <scp>RNA</scp> viruses using <scp>RT</scp>â€<scp>PCR</scp>â€<scp>DNA</scp> chromatography. Journal of Fish Diseases, 2018, 41, 1309-1312.	1.9	7

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55	The complete mitochondrial genome sequence of the sakura shrimp, Sergia lucens (Crustacea,) Tj ETQq1 1 0.784314 rgBT /Overl	0.4	2
56	Effects of 5-Aminolevulinic Acid on Gene Expression, Immunity, and ATP Levels in Pacific White Shrimp, Litopenaeus vannamei. Marine Biotechnology, 2018, 20, 829-843.	2.4	10
57	Comparative sequence analysis of crustin isoform MjCRS7 and MjWFDC-like gene from kuruma shrimp Marsupenaeus japonicus shows variant of the WFDC domain. Infection, Genetics and Evolution, 2018, 64, 139-148.	2.3	5
58	Two hemocyte sub-populations of kuruma shrimp Marsupenaeus japonicus. Molecular Immunology, 2017, 85, 1-8.	2.2	26
59	Complete Genome Sequence of Ichthyobacterium seriolicida JBKA-6 ^T , Isolated from Yellowtail (Seriola quinqueradiata) Affected by Bacterial Hemolytic Jaundice. Genome Announcements, 2017, 5, .	0.8	2
60	In vivo and inÂvitro studies using larval and adult antigens from Neobenedenia melleni on immune response in yellowtail (Seriola lalandi). Journal of Fish Diseases, 2017, 40, 1497-1509.	1.9	14
61	Recombinant PirAâ€like toxin protects shrimp against challenge with Vibrio parahaemolyticus, the aetiological agent of acute hepatopancreatic necrosis disease. Journal of Fish Diseases, 2017, 40, 1725-1729.	1.9	16
62	Comparative genome analysis of fish pathogen Flavobacterium columnare reveals extensive sequence diversity within the species. Infection, Genetics and Evolution, 2017, 54, 7-17.	2.3	43
63	LAMP-1-chimeric DNA vaccines enhance the antibody response in Japanese flounder, Paralichthys olivaceus. Fish and Shellfish Immunology, 2017, 67, 546-553.	3.6	5
64	Identification of 2 novel type I IFN genes in Japanese flounder, Paralichthys olivaceus. Fish and Shellfish Immunology, 2017, 67, 7-10.	3.6	11
65	Pathogen recognition of a novel C-type lectin from Marsupenaeus japonicus reveals the divergent sugar-binding specificity of QAP motif. Scientific Reports, 2017, 7, 45818.	3.3	29
66	Molecular serotyping, virulence gene profiling and pathogenicity of Streptococcus agalactiae isolated from tilapia farms in Thailand by multiplex <scp>PCR</scp>. Journal of Applied Microbiology, 2017, 122, 1497-1507.	3.1	55
67	A novel viral responsive protein (MjVRP) from Marsupenaeus japonicus haemocytes is involved in white spot syndrome virus infection. Fish and Shellfish Immunology, 2017, 70, 638-647.	3.6	10
68	Complete Genome Sequence of the Lytic Giant Bacteriophage pT24 Infecting Tenacibaculum spp., Isolated from a Shrimp Culture Pond. Genome Announcements, 2017, 5, .	0.8	3
69	Development and evaluation of polyclonal antisera for detection of the IgM heavy chain of multiple fish species. Journal of Immunological Methods, 2017, 449, 71-75.	1.4	8
70	Molecular cloning and expression analysis of NOD-like receptor 5 in Japanese flounder (Paralichthys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Developmental and Comparative Immunology, 2017, 67, 481-484.	2.3	20
71	Detection of acute hepatopancreatic necrosis disease strain of Vibrio parahaemolyticus using loopâ€mediated isothermal amplification. Journal of Fish Diseases, 2016, 39, 603-606.	1.9	24
72	Draft Genome Sequences of Streptococcus agalactiae Serotype Ia and III Isolates from Tilapia Farms in Thailand. Genome Announcements, 2016, 4, .	0.8	10

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73	Development of a TaqMan real-time RT-PCR assay for detection of covert mortality nodavirus (CMNV) in penaeid shrimp. Aquaculture, 2016, 464, 445-450.	3.5	16
74	Extracellular trap formation in kuruma shrimp (Marsupenaeus japonicus) hemocytes is coupled with c-type lysozyme. Fish and Shellfish Immunology, 2016, 52, 206-209.	3.6	29
75	Shrimp miRNAs regulate innate immune response against white spot syndrome virus infection. Developmental and Comparative Immunology, 2016, 60, 191-201.	2.3	49
76	Diversity of Lipid Distribution in Fish Skeletal Muscle. Zoological Science, 2016, 33, 170-178.	0.7	18
77	TLR21's agonists in combination with Aeromonas antigens synergistically up-regulate functional TLR21 and cytokine gene expression in yellowtail leucocytes. Developmental and Comparative Immunology, 2016, 61, 107-115.	2.3	19
78	Identification and expression analysis of suppressors of cytokine signaling (SOCS) of Japanese flounder Paralichthys olivaceus. Fish and Shellfish Immunology, 2016, 58, 145-152.	3.6	20
79	Virulence of acute hepatopancreatic necrosis disease Pir <scp>AB</scp> â€like relies on secreted proteins not on gene copy number. Journal of Applied Microbiology, 2016, 121, 1755-1765.	3.1	37
80	Temperature-dependent regulation of gene expression in Japanese flounder Paralichthys olivaceus kidney after Edwardsiella tarda formalin-killed cells. Fish and Shellfish Immunology, 2016, 59, 298-304.	3.6	10
81	Evaluation of ToxA and Vibrio parahaemolyticus lysate on humoral immune response and immune-related genes in Pacific red snapper. Fish and Shellfish Immunology, 2016, 56, 310-321.	3.6	20
82	Enhancement of antibody response by LAMP1 chimeric antigen in a DNA vaccine. Fish and Shellfish Immunology, 2016, 53, 106-107.	3.6	1
83	Characterization of a Kunitz-type protease inhibitor (MjKuPI) reveals the involvement of MjKuPI positive hemocytes in the immune responses of kuruma shrimp Marsupenaeus japonicus. Developmental and Comparative Immunology, 2016, 63, 121-127.	2.3	12
84	Identification of endonuclease domain-containing 1 gene in Japanese flounder Paralichthys olivaceus. Fish and Shellfish Immunology, 2016, 50, 43-49.	3.6	7
85	Gene silencing of VP9 gene impairs WSSV infectivity on Macrobrachium rosenbergii. Virus Research, 2016, 214, 65-70.	2.2	12
86	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
87	Ichthyobacterium seriolicida gen. nov., sp. nov., a member of the phylum â€˜Bacteroidetesâ€™, isolated from yellowtail fish (Seriola quinqueradiata) affected by bacterial haemolytic jaundice, and proposal of a new family, Ichthyobacteriaceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 580-586.	1.7	21
88	Comparative analysis of two types of CXCL8 from Japanese flounder (Paralichthys olivaceus). Developmental and Comparative Immunology, 2015, 52, 37-47.	2.3	16
89	Enhancement of shrimp immunity against white spot syndrome virus by Macrobrachium rosenbergii nodavirus-like particle encapsulated VP28 double-stranded RNA. Aquaculture, 2015, 446, 325-332.	3.5	12
90	Protective efficacy and immune responses induced by a DNA vaccine encoding codon-optimized PPA1 against Photobacterium damselae subsp. piscicida in Japanese flounder. Vaccine, 2015, 33, 1040-1045.	3.8	19

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91	Molecular cloning and characterization of Mj-mov-10, a putative RNA helicase involved in RNAi of kuruma shrimp. Fish and Shellfish Immunology, 2015, 44, 241-247.	3.6	9
92	Molecular cloning and comparative responses of Toll-like receptor 22 following ligands stimulation and parasitic infection in yellowtail (Seriola lalandi). Fish and Shellfish Immunology, 2015, 46, 323-333.	3.6	24
93	Temperature-dependent regulation of gene expression in poly (I:C)-treated Japanese flounder, Paralichthys olivaceus. Fish and Shellfish Immunology, 2015, 45, 835-840.	3.6	11
94	Microarray Analysis of Immunity Against WSSV in Response to Injection of Non-specific Long dsRNA in Kuruma Shrimp, Marsupenaeus japonicus. Marine Biotechnology, 2015, 17, 493-501.	2.4	15
95	Isolation, molecular characterization of cysteine sulfinic acid decarboxylase (CSD) of red sea bream Pagrus major and yellowtail Seriola quinqueradiata and expression analysis of CSD from several marine fish species. Aquaculture, 2015, 449, 8-17.	3.5	14
96	Draft Genome Sequence of Non-Vibrio parahaemolyticus Acute Hepatopancreatic Necrosis Disease Strain KC13.17.5, Isolated from Diseased Shrimp in Vietnam. Genome Announcements, 2015, 3, .	0.8	135
97	Molecular characterization of Galectin-8 from Nile tilapia (Oreochromis niloticus Linn.) and its response to bacterial infection. Molecular Immunology, 2015, 68, 585-596.	2.2	16
98	YHV-responsive gene expression under the influence of Pm Relish regulation. Fish and Shellfish Immunology, 2015, 47, 572-581.	3.6	11
99	Genomic comparison between pathogenic Streptococcus agalactiae isolated from Nile tilapia in Thailand and fish-derived ST7 strains. Infection, Genetics and Evolution, 2015, 36, 307-314.	2.3	18
100	Development of consensus qPCR primers to detect cytokine genes in three amberjack species: Seriola quinqueradiata, S. lalandi and S. dumerili. Fisheries Science, 2015, 81, 907-914.	1.6	10
101	Activation of PmRelish from Penaeus monodon by yellow head virus. Fish and Shellfish Immunology, 2015, 42, 335-344.	3.6	32
102	Successful yellow head virus infection of Penaeus monodon requires clathrin heavy chain. Aquaculture, 2015, 435, 480-487.	3.5	11
103	Delivery of double stranded RNA by Macrobrachium rosenbergii nodavirus-like particles to protect shrimp from white spot syndrome virus. Aquaculture, 2015, 435, 86-91.	3.5	36
104	Development of PCR Diagnosis for Shrimp Acute Hepatopancreatic Necrosis Disease (AHPND) Strain of Vibrio parahaemolyticus. Fish Pathology, 2014, 49, 159-164.	0.7	43
105	Development of DNA Vaccines against Nocardia seriolae Infection in Fish. Fish Pathology, 2014, 49, 165-172.	0.7	23
106	Draft Genome Sequences of Six Strains of Vibrio parahaemolyticus Isolated from Early Mortality Syndrome/Acute Hepatopancreatic Necrosis Disease Shrimp in Thailand. Genome Announcements, 2014, 2, .	0.8	88
107	Draft Genome Sequences of Streptococcus agalactiae Strains Isolated from Nile Tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Ov	0.8	10
108	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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109	DNA Microarray Analysis on the Genes Differentially Expressed in the Liver of the Pufferfish, Takifugu rubripes, Following an Intramuscular Administration of Tetrodotoxin. Microarrays (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.4	4
110	Increasing of temperature induces pathogenicity of Streptococcus agalactiae and the up-regulation of inflammatory related genes in infected Nile tilapia (Oreochromis niloticus). Veterinary Microbiology, 2014, 172, 265-271.	1.9	78
111	Microarray Analysis of Hepatic Gene Expression in Juvenile Japanese Flounder Paralichthys olivaceus Fed Diets Supplemented with Fish or Vegetable Oils. Marine Biotechnology, 2014, 16, 88-102.	2.4	20
112	DNA microarray analysis on gene candidates possibly related to tetrodotoxin accumulation in pufferfish. Toxicon, 2014, 77, 68-72.	1.6	10
113	Homology modeling and virtual screening for antagonists of protease from yellow head virus. Journal of Molecular Modeling, 2014, 20, 2116.	1.8	4
114	Identification of novel copper/zinc superoxide dismutase (Cu/ZnSOD) genes in kuruma shrimp Marsupenaeus japonicus. Fish and Shellfish Immunology, 2014, 40, 472-477.	3.6	17
115	Cloning and expression analysis of three novel CC chemokine genes from Japanese flounder (Paralichthys olivaceus). Fish and Shellfish Immunology, 2014, 40, 507-513.	3.6	22
116	Influence of temperature on Mx gene expression profiles and the protection of sevenband grouper, Epinephelus septemfasciatus, against red-spotted grouper nervous necrosis virus (RGNNV) infection after poly (I:C) injection. Fish and Shellfish Immunology, 2014, 40, 441-445.	3.6	32
117	Comprehensive gene expression profiling in Japanese flounder kidney after injection with two different formalin-killed pathogenic bacteria. Fish and Shellfish Immunology, 2014, 41, 437-440.	3.6	19
118	Molecular characterization and virulence gene profiling of pathogenic Streptococcus agalactiae populations from tilapia (Oreochromis sp.) farms in Thailand. Journal of Veterinary Diagnostic Investigation, 2014, 26, 488-495.	1.1	68
119	Whole Genome Analyses of Marine Fish Pathogenic Isolate, Mycobacterium sp. 012931. Marine Biotechnology, 2014, 16, 572-579.	2.4	4
120	Role of Marsupenaeus japonicus crustin-like peptide against Vibrio penaeicida and white spot syndrome virus infection. Developmental and Comparative Immunology, 2014, 46, 461-469.	2.3	40
121	Interaction between type I interferon and Cyprinid herpesvirus 3 in two genetic lines of common carp Cyprinus carpio. Diseases of Aquatic Organisms, 2014, 111, 107-118.	1.0	32
122	The immune-adjuvant effect of Japanese flounder Paralichthys olivaceus IL-1Î². Developmental and Comparative Immunology, 2013, 41, 564-568.	2.3	42
123	New type of heat shock protein 70 homologue gene abounds in the genomic sequence of kuruma shrimp Marsupenaeus japonicus. Fisheries Science, 2013, 79, 397-405.	1.6	3
124	Molecular mechanisms of the shrimp clotting system. Fish and Shellfish Immunology, 2013, 34, 968-972.	3.6	62
125	Comparative Genome Analysis of Fish and Human Isolates of Mycobacterium marinum. Marine Biotechnology, 2013, 15, 596-605.	2.4	13
126	Identification of novel interleukin 1 beta family genes in Japanese flounder Paralichthys olivaceus. Fish and Shellfish Immunology, 2013, 34, 393-396.	3.6	41

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127	CD4 and CD8 homologues in Japanese flounder, Paralichthys olivaceus: Differences in the expressions and localizations of CD4-1, CD4-2, CD8Î± and CD8Î². Developmental and Comparative Immunology, 2013, 39, 293-301.	2.3	65
128	Comparative analysis and distribution of pP9014, a novel drug resistance IncP-1 plasmid from Photobacterium damselae subsp. piscicida. International Journal of Antimicrobial Agents, 2013, 42, 10-18.	2.5	15
129	Variable domain antibodies specific for viral hemorrhagic septicemia virus (VHSV) selected from a randomized IgNAR phage display library. Fish and Shellfish Immunology, 2013, 34, 724-728.	3.6	20
130	Distribution of adipocyte-related cells in skeletal muscle of rainbow trout Oncorhynchus mykiss. Fisheries Science, 2013, 79, 143-148.	1.6	8
131	Differences in lipid distribution and expression of peroxisome proliferator-activated receptor gamma and lipoprotein lipase genes in torafugu and red seabream. General and Comparative Endocrinology, 2013, 184, 51-60.	1.8	55
132	Construction of an Artificially Randomized IgNAR Phage Display Library: Screening of Variable Regions that Bind to Hen Egg White Lysozyme. Marine Biotechnology, 2013, 15, 56-62.	2.4	22
133	Identification of Two Penelope-Like Elements with Different Structures and Chromosome Localization in Kuruma Shrimp Genome. Marine Biotechnology, 2013, 15, 115-123.	2.4	9
134	Bacterial Classification of Fish-Pathogenic Mycobacterium Species by Multigene Phylogenetic Analyses and MALDI Biotyper Identification System. Marine Biotechnology, 2013, 15, 340-348.	2.4	23
135	Comparative Sequence Analysis of a Multidrug-Resistant Plasmid from Aeromonas hydrophila. Antimicrobial Agents and Chemotherapy, 2013, 57, 120-129.	3.2	92
136	Whole-Genome Sequence of Fish-PathogenicMycobacteriumsp. Strain 012931, Isolated from Yellowtail (Seriola quinqueradiata). Genome Announcements, 2013, 1, .	0.8	2
137	Studies on transcription initiated by cauliflower mosaic virus 35S promoter from transgenic crops using fish cell lines (HINAE, YO-K, RTG-2) and rainbow troutOncorhynchus mykiss. Aquaculture Nutrition, 2013, 19, 122-134.	2.7	3
138	Comparative Genomic Characterization of Three Streptococcus parauberis Strains in Fish Pathogen, as Assessed by Wide-Genome Analyses. PLoS ONE, 2013, 8, e80395.	2.5	11
139	II-1. Application of high-throughput transcriptome analyses in aquaculture. Nippon Suisan Gakkaishi, 2012, 78, 267.	0.1	1
140	Inhibition of hirame rhabdovirus growth by <scp>RNA</scp> aptamers. Journal of Fish Diseases, 2012, 35, 927-934.	1.9	23
141	RNA Aptamers Inhibit the Growth of the Fish Pathogen Viral Hemorrhagic Septicemia Virus (VHSV). Marine Biotechnology, 2012, 14, 752-761.	2.4	27
142	A novel immune-related gene, microtubule aggregate protein homologue, is up-regulated during IFN-Î³-related immune responses in Japanese flounder, Paralichthys olivaceus. Developmental and Comparative Immunology, 2012, 36, 349-358.	2.3	11
143	Transcriptional regulation of type I interferon gene expression by interferon regulatory factor-3 in Japanese flounder, Paralichthys olivaceus. Developmental and Comparative Immunology, 2012, 36, 697-706.	2.3	51
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