

# Jyh-Yih Chen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126  
papers

3,480  
citations

35  
h-index

52  
g-index

132  
ext. papers

3,868  
ext. citations

4.6  
avg, IF

5.58  
L-index

#	Paper	IF	Citations
126	A Cationic Amphipathic Tilapia Piscidin 4 Peptide-Based Antimicrobial Formulation Promotes Eradication of Bacterial Vaginosis-Associated Bacterial Biofilms.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 806654	5.7	1
125	Tilapia Piscidin 4 (TP4) Reprograms M1 Macrophages to M2 Phenotypes in Cell Models of -Induced Vaginosis.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 773013	8.4	4
124	Comparative transcriptome analysis reveals ectopic delta-5 and delta-6 desaturases enhance protective gene expression upon <i>Vibrio vulnificus</i> challenge in Tilapia ( <i>Oreochromis niloticus</i> ). <i>BMC Genomics</i> , <b>2021</b> , 22, 200	4.5	
123	Scale-up production of and dietary supplementation with the recombinant antimicrobial peptide tilapia piscidin 4 to improve growth performance in <i>Gallus gallus domesticus</i> . <i>PLoS ONE</i> , <b>2021</b> , 16, e0253661	3.7	1
122	Marine Antimicrobial Peptide TP4 Exerts Anticancer Effects on Human Synovial Sarcoma Cells via Calcium Overload, Reactive Oxygen Species Production and Mitochondrial Hyperpolarization. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	2
121	Novel PD-L1 mAb HC16 reveals upregulation of PD-L1 in BAC subtype. <i>Histology and Histopathology</i> , <b>2021</b> , 36, 77-89	1.4	
120	Therapeutic utility of the antimicrobial peptide Tilapia Piscidin 4 (TP4). <i>Aquaculture Reports</i> , <b>2020</b> , 17, 100409	2.3	9
119	Dietary supplementation of recombinant antimicrobial peptide <i>Epinephelus lanceolatus</i> piscidin improves growth performance and immune response in <i>Gallus gallus domesticus</i> . <i>PLoS ONE</i> , <b>2020</b> , 15, e0230021	3.7	14
118	Calcium-Dependent Calpain Activation-Mediated Mitochondrial Dysfunction and Oxidative Stress Are Required for Cytotoxicity of Epinecidin-1 in Human Synovial Sarcoma SW982 Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
117	Epinecidin-1: An orange-spotted grouper antimicrobial peptide that modulates <i>Staphylococcus aureus</i> lipoteichoic acid-induced inflammation in macrophage cells. <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 99, 362-367	4.3	1
116	Pharmacological inhibition of p38 potentiates antimicrobial peptide TP4-induced cell death in glioblastoma cells. <i>Molecular and Cellular Biochemistry</i> , <b>2020</b> , 464, 1-9	4.2	4
115	Dietary supplementation of recombinant tilapia piscidin 4-expressing yeast enhances growth and immune response in <i>Lates calcarifer</i> . <i>Aquaculture Reports</i> , <b>2020</b> , 16, 100254	2.3	1
114	Distribution of positively charged amino acid residues in antimicrobial peptide epinecidin-1 is crucial for in vitro glioblastoma cytotoxicity and its underlying mechanisms. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 315, 108904	5	3
113	Dual expression of transgenic delta-5 and delta-6 desaturase in tilapia alters gut microbiota and enhances resistance to <i>Vibrio vulnificus</i> infection. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236601	3.7	2
112	Antimicrobial Peptide TP4 Targets Mitochondrial Adenine Nucleotide Translocator 2. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	4
111	FOSB?PCDHB13 Axis Disrupts the Microtubule Network in Non-Small Cell Lung Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	10
110	Antimicrobial Peptide TP4 Induces ROS-Mediated Necrosis by Triggering Mitochondrial Dysfunction in Wild-Type and Mutant Glioblastoma Cells. <i>Cancers</i> , <b>2019</b> , 11,	6.6	16

109	Epinecidin-1 Protects against Methicillin Resistant Infection and Sepsis in Pyemia Pigs. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	5
108	Impact of Tilapia hepcidin 2-3 dietary supplementation on the gut microbiota profile and immunomodulation in the grouper ( <i>Epinephelus lanceolatus</i> ). <i>Scientific Reports</i> , <b>2019</b> , 9, 19047	4.9	10
107	Epinecidin-1: A marine fish antimicrobial peptide with therapeutic potential against <i>Trichomonas vaginalis</i> infection in mice. <i>Peptides</i> , <b>2019</b> , 112, 139-148	3.8	12
106	Recombinant <i>Epinephelus lanceolatus</i> serum amyloid A as a feed additive: Effects on immune gene expression and resistance to <i>Vibrio alginolyticus</i> infection in <i>Epinephelus lanceolatus</i> . <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 76, 233-239	4.3	4
105	Transgenic expression of tilapia piscidin 3 (TP3) in zebrafish confers resistance to <i>Streptococcus agalactiae</i> . <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 74, 235-241	4.3	9
104	Grouper ( <i>Epinephelus coioides</i> ) antimicrobial peptide epinecidin-1 exhibits antiviral activity against foot-and-mouth disease virus in vitro. <i>Peptides</i> , <b>2018</b> , 106, 91-95	3.8	19
103	Nile tilapia fry fed on antimicrobial peptide Epinecidin-1-expressing <i>Artemia</i> cyst exhibit enhanced immunity against acute bacterial infection. <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 81, 37-48	4.3	12
102	Nile Tilapia Derived Antimicrobial Peptide TP4 Exerts Antineoplastic Activity Through Microtubule Disruption. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	10
101	Nile Tilapia Derived TP4 Shows Broad Cytotoxicity Toward to Non-Small-Cell Lung Cancer Cells. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	10
100	Transcriptome analysis of the effect of polyunsaturated fatty acids against <i>Vibrio vulnificus</i> infection in <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 62, 153-163	4.3	8
99	Recombinant expression of <i>Epinephelus lanceolatus</i> serum amyloid A (EISAA) and analysis of its macrophage modulatory activities. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 64, 276-286	4.3	1
98	Epinecidin-1 protects mice from LPS-induced endotoxemia and cecal ligation and puncture-induced polymicrobial sepsis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2017</b> , 1863, 3028-3037	6.9	18
97	Transcriptome analysis of hybrid tilapia ( <i>Oreochromis</i> spp.) with <i>Streptococcus agalactiae</i> infection identifies Toll-like receptor pathway-mediated induction of NADPH oxidase complex and piscidins as primary immune-related responses. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 70, 106-120	4.3	19
96	Antimicrobial Peptide Epinecidin-1 Modulates MyD88 Protein Levels via the Proteasome Degradation Pathway. <i>Marine Drugs</i> , <b>2017</b> , 15,	6	10
95	Study of the Antimicrobial Activity of Tilapia Piscidin 3 (TP3) and TP4 and Their Effects on Immune Functions in Hybrid Tilapia ( <i>Oreochromis</i> spp.). <i>PLoS ONE</i> , <b>2017</b> , 12, e0169678	3.7	28
94	Antimicrobial peptide Epinecidin-1 promotes complete skin regeneration of methicillin-resistant <i>Staphylococcus aureus</i> -infected burn wounds in a swine model. <i>Oncotarget</i> , <b>2017</b> , 8, 21067-21080	3.3	24
93	Transcriptome analysis of the effect of <i>Vibrio alginolyticus</i> infection on the innate immunity-related TLR5-mediated induction of cytokines in <i>Epinephelus lanceolatus</i> . <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 52, 31-43	4.3	33
92	Electrotransfer of the tilapia piscidin 3 and tilapia piscidin 4 genes into skeletal muscle enhances the antibacterial and immunomodulatory functions of <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 50, 200-9	4.3	24

91	Targeting FOSB with a cationic antimicrobial peptide, TP4, for treatment of triple-negative breast cancer. <i>Oncotarget</i> , <b>2016</b> , 7, 40329-40347	3-3	34
90	Epinecidin-1 antimicrobial activity: In vitro membrane lysis and In vivo efficacy against Helicobacter pylori infection in a mouse model. <i>Biomaterials</i> , <b>2015</b> , 61, 41-51	15.6	36
89	Transcriptome analysis of medaka following epinecidin-1 and TH1-5 treatment of NNV infection. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 42, 121-31	4-3	18
88	Zebrafish fed on recombinant Artemia expressing epinecidin-1 exhibit increased survival and altered expression of immunomodulatory genes upon Vibrio vulnificus infection. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 42, 1-15	4-3	24
87	Efficacy of the antimicrobial peptide TP4 against Helicobacter pylori infection: in vitro membrane perturbation via micellization and in vivo suppression of host immune responses in a mouse model. <i>Oncotarget</i> , <b>2015</b> , 6, 12936-54	3-3	49
86	Enhanced Control of Bladder-Associated Tumors Using Shrimp Anti-Lipopolysaccharide Factor (SALF) Antimicrobial Peptide as a Cancer Vaccine Adjuvant in Mice. <i>Marine Drugs</i> , <b>2015</b> , 13, 3241-58	6	12
85	Piscidin is highly active against carbapenem-resistant Acinetobacter baumannii and NDM-1-producing Klebsiella pneumonia in a systemic Septicaemia infection mouse model. <i>Marine Drugs</i> , <b>2015</b> , 13, 2287-305	6	29
84	Tilapia Piscidin 4 (TP4) Stimulates Cell Proliferation and Wound Closure in MRSA-Infected Wounds in Mice. <i>Marine Drugs</i> , <b>2015</b> , 13, 2813-33	6	26
83	The antimicrobial peptide pardaxin exerts potent anti-tumor activity against canine perianal gland adenoma. <i>Oncotarget</i> , <b>2015</b> , 6, 2290-301	3-3	20
82	Antimicrobial peptides: Possible anti-infective agents. <i>Peptides</i> , <b>2015</b> , 72, 88-94	3.8	112
81	The use of the antimicrobial peptide piscidin (PCD)-1 as a novel anti-nociceptive agent. <i>Biomaterials</i> , <b>2015</b> , 53, 1-11	15.6	29
80	Antimicrobial Peptides from Marine Organisms <b>2015</b> , 747-758		3
79	Use of tilapia piscidin 3 (TP3) to protect against MRSA infection in mice with skin injuries. <i>Oncotarget</i> , <b>2015</b> , 6, 12955-69	3-3	12
78	The mechanisms by which pardaxin, a natural cationic antimicrobial peptide, targets the endoplasmic reticulum and induces c-FOS. <i>Biomaterials</i> , <b>2014</b> , 35, 3627-40	15.6	40
77	Transgenic expression of salmon delta-5 and delta-6 desaturase in zebrafish muscle inhibits the growth of Vibrio alginolyticus and affects fish immunomodulatory activity. <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 39, 223-30	4-3	22
76	Epinecidin-1 has immunomodulatory effects, facilitating its therapeutic use in a mouse model of Pseudomonas aeruginosa sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 4264-74	5-9	20
75	Transcriptome analysis of the effect of Vibrio alginolyticus infection on the innate immunity-related complement pathway in Epinephelus coioides. <i>BMC Genomics</i> , <b>2014</b> , 15, 1102	4-5	38
74	Use of the antimicrobial peptide pardaxin (GE33) to protect against methicillin-resistant Staphylococcus aureus infection in mice with skin injuries. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 1538-45	5-9	28

73	Expression characterization and promoter activity analysis of the tilapia ( <i>Oreochromis niloticus</i> ) myosin light chain 3 promoter in skeletal muscle of fish. <i>Transgenic Research</i> , <b>2014</b> , 23, 125-34	3.3	1
72	Shrimp anti-lipopolysaccharide factor (SALF), an antimicrobial peptide, inhibits proinflammatory cytokine expressions through the MAPK and NF- $\kappa$ B pathways in LPS-induced HeLa cells. <i>Peptides</i> , <b>2013</b> , 40, 42-8	3.8	22
71	Truncated antimicrobial peptides from marine organisms retain anticancer activity and antibacterial activity against multidrug-resistant <i>Staphylococcus aureus</i> . <i>Peptides</i> , <b>2013</b> , 44, 139-48	3.8	40
70	A cancer vaccine based on the marine antimicrobial peptide pardaxin (GE33) for control of bladder-associated tumors. <i>Biomaterials</i> , <b>2013</b> , 34, 10151-9	15.6	20
69	Use of the antimicrobial peptide Epinecidin-1 to protect against MRSA infection in mice with skin injuries. <i>Biomaterials</i> , <b>2013</b> , 34, 10319-27	15.6	62
68	Development of Cre-loxP technology in zebrafish to study the regulation of fish reproduction. <i>Fish Physiology and Biochemistry</i> , <b>2013</b> , 39, 1525-39	2.7	11
67	Immunomodulatory effects of dietary <i>Bacillus coagulans</i> in grouper ( <i>Epinephelus coioides</i> ) and zebrafish ( <i>Danio rerio</i> ) infected with <i>Vibrio vulnificus</i> . <i>Aquaculture International</i> , <b>2013</b> , 21, 1155-1168	2.6	16
66	Electrotransfer of the epinecidin-1 gene into skeletal muscle enhances the antibacterial and immunomodulatory functions of a marine fish, grouper ( <i>Epinephelus coioides</i> ). <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 1359-68	4.3	12
65	Characterization of tilapia ( <i>Oreochromis niloticus</i> ) viperin expression, and inhibition of bacterial growth and modulation of immune-related gene expression by electrotransfer of viperin DNA into zebrafish muscle. <i>Veterinary Immunology and Immunopathology</i> , <b>2013</b> , 151, 217-28	2	23
64	Oral administration of bovine lactoferrin inhibits bacterial infection in tilapia and elevates survival after bacterial infection: an examination of its immune-modulating properties. <i>Aquaculture International</i> , <b>2013</b> , 21, 75-96	2.6	4
63	Proteomic and functional analysis of zebrafish after administration of antimicrobial peptide epinecidin-1. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 593-8	4.3	16
62	Proteomic analysis reveals that pardaxin triggers apoptotic signaling pathways in human cervical carcinoma HeLa cells: cross talk among the UPR, c-Jun and ROS. <i>Carcinogenesis</i> , <b>2013</b> , 34, 1833-42	4.6	25
61	In vivo screening of zebrafish microRNA responses to bacterial infection and their possible roles in regulating immune response genes after lipopolysaccharide stimulation. <i>Fish Physiology and Biochemistry</i> , <b>2012</b> , 38, 1299-310	2.7	35
60	Differential expression patterns of growth-related microRNAs in the skeletal muscle of Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Journal of Animal Science</i> , <b>2012</b> , 90, 4266-79	0.7	62
59	The antimicrobial peptide, epinecidin-1, mediates secretion of cytokines in the immune response to bacterial infection in mice. <i>Peptides</i> , <b>2012</b> , 36, 100-8	3.8	29
58	Insights into the antibacterial and immunomodulatory functions of tilapia hepcidin (TH)2-3 against <i>Vibrio vulnificus</i> infection in mice. <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 166-73	3.2	18
57	Oral administration of recombinant epinecidin-1 protected grouper ( <i>Epinephelus coioides</i> ) and zebrafish ( <i>Danio rerio</i> ) from <i>Vibrio vulnificus</i> infection and enhanced immune-related gene expressions. <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 32, 947-57	4.3	51
56	The antimicrobial peptide, shrimp anti-lipopolysaccharide factor (SALF), inhibits proinflammatory cytokine expressions through the MAPK and NF- $\kappa$ B pathways in <i>Trichomonas vaginalis</i> adherent to HeLa cells. <i>Peptides</i> , <b>2012</b> , 38, 197-207	3.8	13

55	Pardaxin, a fish antimicrobial peptide, exhibits antitumor activity toward murine fibrosarcoma in vitro and in vivo. <i>Marine Drugs</i> , <b>2012</b> , 10, 1852-72	6	27
54	Five different piscidins from Nile tilapia, <i>Oreochromis niloticus</i> : analysis of their expressions and biological functions. <i>PLoS ONE</i> , <b>2012</b> , 7, e50263	3-7	94
53	Pardaxin, an antimicrobial peptide, triggers caspase-dependent and ROS-mediated apoptosis in HT-1080 cells. <i>Marine Drugs</i> , <b>2011</b> , 9, 1995-2009	6	66
52	Antiviral function of tilapia hepcidin 1-5 and its modulation of immune-related gene expressions against infectious pancreatic necrosis virus (IPNV) in Chinook salmon embryo (CHSE)-214 cells. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 39-44	4-3	48
51	Transgenic expression of tilapia hepcidin 1-5 and shrimp chelonianin in zebrafish and their resistance to bacterial pathogens. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 31, 275-85	4-3	33
50	Insights into the antibacterial and immunomodulatory functions of the antimicrobial peptide, epinecidin-1, against <i>Vibrio vulnificus</i> infection in zebrafish. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 31, 1019-25	4-3	52
49	Tilapia ( <i>Oreochromis mossambicus</i> ) antimicrobial peptide, hepcidin 1-5, shows antitumor activity in cancer cells. <i>Peptides</i> , <b>2011</b> , 32, 342-52	3-8	62
48	The antimicrobial peptide, tilapia hepcidin 2-3, and PMA differentially regulate the protein kinase C isoforms, TNF- $\alpha$ and COX-2, in mouse RAW264.7 macrophages. <i>Peptides</i> , <b>2011</b> , 32, 333-41	3-8	21
47	Applications of antimicrobial peptides from fish and perspectives for the future. <i>Peptides</i> , <b>2011</b> , 32, 415-38	3-8	162
46	Characteristics of the antitumor activities in tumor cells and modulation of the inflammatory response in RAW264.7 cells of a novel antimicrobial peptide, chrysophysin-1, from the red sea bream ( <i>Chrysophrys major</i> ). <i>Peptides</i> , <b>2011</b> , 32, 900-10	3-8	29
45	Pardaxin-induced apoptosis enhances antitumor activity in HeLa cells. <i>Peptides</i> , <b>2011</b> , 32, 1110-6	3-8	33
44	Modulation of the immune-related gene responses to protect mice against Japanese encephalitis virus using the antimicrobial peptide, tilapia hepcidin 1-5. <i>Biomaterials</i> , <b>2011</b> , 32, 6804-14	15-6	17
43	Modulation of immune responses by the antimicrobial peptide, epinecidin (Epi)-1, and establishment of an Epi-1-based inactivated vaccine. <i>Biomaterials</i> , <b>2011</b> , 32, 3627-36	15-6	33
42	Tilapia hepcidin 2-3 peptide modulates lipopolysaccharide-induced cytokines and inhibits tumor necrosis factor-alpha through cyclooxygenase-2 and phosphodiesterase 4D. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 30577-86	5-4	35
41	Inactivation of nervous necrosis virus infecting grouper ( <i>Epinephelus coioides</i> ) by epinecidin-1 and hepcidin 1-5 antimicrobial peptides, and downregulation of Mx2 and Mx3 gene expressions. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 113-20	4-3	52
40	Antimicrobial peptides (AMP) with antiviral activity against fish nodavirus. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 434-9	4-3	82
39	Using an improved Tol2 transposon system to produce transgenic zebrafish with epinecidin-1 which enhanced resistance to bacterial infection. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 905-17	4-3	44
38	Tilapia hepcidin (TH)2-3 as a transgene in transgenic fish enhances resistance to <i>Vibrio vulnificus</i> infection and causes variations in immune-related genes after infection by different bacterial species. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 430-9	4-3	64

37	Molecular cloning and functional analysis of the zebrafish follicle-stimulating hormone (FSH)beta promoter. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2010</b> , 155, 155-63	2.3	6
36	Antimicrobial peptides of an anti-lipoplysaccharide factor, epinecidin-1, and hepcidin reduce the lethality of <i>Riemerella anatispestifer</i> sepsis in ducks. <i>Peptides</i> , <b>2010</b> , 31, 806-15	3.8	21
35	Shrimp anti-lipoplysaccharide factor peptide enhances the antitumor activity of cisplatin in vitro and inhibits HeLa cells growth in nude mice. <i>Peptides</i> , <b>2010</b> , 31, 1019-25	3.8	24
34	Antiviral activity by fish antimicrobial peptides of epinecidin-1 and hepcidin 1-5 against nervous necrosis virus in medaka. <i>Peptides</i> , <b>2010</b> , 31, 1026-33	3.8	74
33	Antimicrobial peptide of an anti-lipoplysaccharide factor modulates of the inflammatory response in RAW264.7 cells. <i>Peptides</i> , <b>2010</b> , 31, 1262-72	3.8	24
32	Evaluation of the epinecidin-1 peptide as an active ingredient in cleaning solutions against pathogens. <i>Peptides</i> , <b>2010</b> , 31, 1449-58	3.8	17
31	Organization and promoter analysis of the zebrafish ( <i>Danio rerio</i> ) chemokine gene (CXC-64) promoter. <i>Fish Physiology and Biochemistry</i> , <b>2010</b> , 36, 511-521	2.7	6
30	Molecular cloning and functional analysis of the zebrafish luteinizing hormone beta subunit (LH) promoter. <i>Fish Physiology and Biochemistry</i> , <b>2010</b> , 36, 1253-62	2.7	4
29	Stable expression in a Chinese hamster ovary (CHO) cell line of bioactive recombinant chelonianin, which plays an important role in protecting fish against pathogenic infection. <i>Developmental and Comparative Immunology</i> , <b>2009</b> , 33, 117-26	3.2	12
28	Immune response and inhibition of bacterial growth by electrotransfer of plasmid DNA containing the antimicrobial peptide, epinecidin-1, into zebrafish muscle. <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 26, 451-8	4.3	25
27	Epinecidin-1, an antimicrobial peptide from fish ( <i>Epinephelus coioides</i> ) which has an antitumor effect like lytic peptides in human fibrosarcoma cells. <i>Peptides</i> , <b>2009</b> , 30, 283-90	3.8	83
26	In vitro activities of three synthetic peptides derived from epinecidin-1 and an anti-lipoplysaccharide factor against <i>Propionibacterium acnes</i> , <i>Candida albicans</i> , and <i>Trichomonas vaginalis</i> . <i>Peptides</i> , <b>2009</b> , 30, 1058-68	3.8	70
25	A fish antimicrobial peptide, tilapia hepcidin TH2-3, shows potent antitumor activity against human fibrosarcoma cells. <i>Peptides</i> , <b>2009</b> , 30, 1636-42	3.8	85
24	Epinecidin-1 peptide induces apoptosis which enhances antitumor effects in human leukemia U937 cells. <i>Peptides</i> , <b>2009</b> , 30, 2365-73	3.8	49
23	Isolation and characterization of the zebrafish <i>Danio rerio</i> insulin-like growth factor binding protein-3 promoter region. <i>Fisheries Science</i> , <b>2008</b> , 74, 153-166	1.9	
22	Organization and promoter analysis of the grouper ( <i>Epinephelus coioides</i> ) epinecidin-1 gene. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2008</b> , 150, 358-67	2.3	19
21	Molecular cloning and functional analysis of zebrafish ( <i>Danio rerio</i> ) chemokine genes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2008</b> , 151, 400-9	2.3	20
20	Application of RNAi technology to the inhibition of zebrafish GtHalpha, FSHbeta, and LHbeta expression and to functional analyses. <i>Zoological Science</i> , <b>2008</b> , 25, 614-21	0.8	13

19	Functional analysis of mitogen-activated protein kinase-3 (MAPK3) and its regulation of the promoter region in zebrafish. <i>DNA and Cell Biology</i> , <b>2007</b> , 26, 781-90	3.6	12
18	Cloning and expression analysis of a protein kinase C gene, PKCmu, and its regulation of the promoter region in zebrafish. <i>DNA and Cell Biology</i> , <b>2007</b> , 26, 415-24	3.6	5
17	Shrimp ( <i>Penaeus monodon</i> ) anti-lipoplysaccharide factor reduces the lethality of <i>Pseudomonas aeruginosa</i> sepsis in mice. <i>International Immunopharmacology</i> , <b>2007</b> , 7, 687-700	5.8	38
16	Three different hepcidins from tilapia, <i>Oreochromis mossambicus</i> : analysis of their expressions and biological functions. <i>Molecular Immunology</i> , <b>2007</b> , 44, 1922-34	4.3	126
15	Gene expression and localization of the epinecidin-1 antimicrobial peptide in the grouper ( <i>Epinephelus coioides</i> ), and its role in protecting fish against pathogenic infection. <i>DNA and Cell Biology</i> , <b>2007</b> , 26, 403-13	3.6	105
14	The physiological role of CTGF/CCN2 in zebrafish notochord development and biological analysis of the proximal promoter region. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 349, 750-8 <sup>3</sup> 4	3.4	39
13	Organization and promoter analysis of a tiger shrimp <i>Penaeus monodon</i> single WAP domain-containing protein gene. <i>Fisheries Science</i> , <b>2006</b> , 72, 1086-1095	1.9	8
12	cDNA sequence encoding an antimicrobial peptide of chelonianin from the tiger shrimp <i>Penaeus monodon</i> . <i>Fish and Shellfish Immunology</i> , <b>2005</b> , 18, 179-83	4.3	13
11	Organization and promoter analysis of the zebrafish ( <i>Danio rerio</i> ) interferon gene. <i>DNA and Cell Biology</i> , <b>2005</b> , 24, 641-50	3.6	16
10	Cloning and biological analysis of the zebrafish ( <i>Danio rerio</i> ) insulin-like growth factor binding protein-2 proximal promoter region. <i>DNA and Cell Biology</i> , <b>2005</b> , 24, 199-208	3.6	4
9	Molecular cloning and tissue-specific, developmental-stage-specific, and hormonal regulation of IGFBP3 gene in zebrafish. <i>Marine Biotechnology</i> , <b>2004</b> , 6, 1-7	3.4	35
8	cDNA sequence encoding an 11.5-kDa antibacterial peptide of the shrimp <i>Penaeus monodon</i> . <i>Fish and Shellfish Immunology</i> , <b>2004</b> , 16, 659-64	4.3	22
7	Molecular cloning and sequencing of shrimp ( <i>Penaeus monodon</i> ) penaeidin-5 cDNA. <i>Fish and Shellfish Immunology</i> , <b>2004</b> , 16, 665-70	4.3	17
6	Molecular cloning and functional analysis of zebrafish high-density lipoprotein-binding protein. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2003</b> , 136, 117-30	2.3	36
5	Molecular cloning, developmental expression, and hormonal regulation of zebrafish ( <i>Danio rerio</i> ) beta crystallin B1, a member of the superfamily of beta crystallin proteins. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 285, 105-10	3.4	13
4	Expression of recombinant tilapia insulin-like growth factor-I and stimulation of juvenile tilapia growth by injection of recombinant IGFs polypeptides. <i>Aquaculture</i> , <b>2000</b> , 181, 347-360	4.4	52
3	Infectious Pancreatic Necrosis Virus RNA Cleavage In Vitro by Hammerhead Ribozymes and Enhancement of Ribozyme Catalysis by Oligonucleotide Facilitators. <i>Marine Biotechnology</i> , <b>2000</b> , 2, 364-375	3.4	1
2	Isolation and characterization of tilapia ( <i>Oreochromis mossambicus</i> ) insulin-like growth factors gene and proximal promoter region. <i>DNA and Cell Biology</i> , <b>1998</b> , 17, 359-76	3.6	51



- 1 Production of biologically active recombinant tilapia insulin-like growth factor-II polypeptides in *Escherichia coli* cells and characterization of the genomic structure of the coding region. *DNA and Cell Biology*, **1997**, 16, 883-92 3.6 35