

Jyh-Yih Chen

List of Publications by Citations

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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 | Applications of antimicrobial peptides from fish and perspectives for the future. <i>Peptides</i> , 2011 , 32, 415-20 | 3.9 | 162 |
| 125 | Three different hepcidins from tilapia, <i>Oreochromis mossambicus</i> : analysis of their expressions and biological functions. <i>Molecular Immunology</i> , 2007 , 44, 1922-34 | 4.3 | 126 |
| 124 | Antimicrobial peptides: Possible anti-infective agents. <i>Peptides</i> , 2015 , 72, 88-94 | 3.8 | 112 |
| 123 | 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> , 2007 , 26, 403-13 | 3.6 | 105 |
| 122 | Five different piscidins from Nile tilapia, <i>Oreochromis niloticus</i> : analysis of their expressions and biological functions. <i>PLoS ONE</i> , 2012 , 7, e50263 | 3.7 | 94 |
| 121 | A fish antimicrobial peptide, tilapia hepcidin TH2-3, shows potent antitumor activity against human fibrosarcoma cells. <i>Peptides</i> , 2009 , 30, 1636-42 | 3.8 | 85 |
| 120 | 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> , 2009 , 30, 283-90 | 3.8 | 83 |
| 119 | Antimicrobial peptides (AMP) with antiviral activity against fish nodavirus. <i>Fish and Shellfish Immunology</i> , 2010 , 28, 434-9 | 4.3 | 82 |
| 118 | Antiviral activity by fish antimicrobial peptides of epinecidin-1 and hepcidin 1-5 against nervous necrosis virus in medaka. <i>Peptides</i> , 2010 , 31, 1026-33 | 3.8 | 74 |
| 117 | In vitro activities of three synthetic peptides derived from epinecidin-1 and an anti-lipopolsaccharide factor against <i>Propionibacterium acnes</i> , <i>Candida albicans</i> , and <i>Trichomonas vaginalis</i> . <i>Peptides</i> , 2009 , 30, 1058-68 | 3.8 | 70 |
| 116 | Pardaxin, an antimicrobial peptide, triggers caspase-dependent and ROS-mediated apoptosis in HT-1080 cells. <i>Marine Drugs</i> , 2011 , 9, 1995-2009 | 6 | 66 |
| 115 | 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> , 2010 , 29, 430-9 | 4.3 | 64 |
| 114 | Use of the antimicrobial peptide Epinecidin-1 to protect against MRSA infection in mice with skin injuries. <i>Biomaterials</i> , 2013 , 34, 10319-27 | 15.6 | 62 |
| 113 | Differential expression patterns of growth-related microRNAs in the skeletal muscle of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Journal of Animal Science</i> , 2012 , 90, 4266-79 | 0.7 | 62 |
| 112 | Tilapia (<i>Oreochromis mossambicus</i>) antimicrobial peptide, hepcidin 1-5, shows antitumor activity in cancer cells. <i>Peptides</i> , 2011 , 32, 342-52 | 3.8 | 62 |
| 111 | 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> , 2011 , 31, 1019-25 | 4.3 | 52 |
| 110 | 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> , 2010 , 28, 113-20 | 4.3 | 52 |

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|-----|--|------|----|
| 109 | Expression of recombinant tilapia insulin-like growth factor-I and stimulation of juvenile tilapia growth by injection of recombinant IGFs polypeptides. <i>Aquaculture</i> , 2000 , 181, 347-360 | 4.4 | 52 |
| 108 | 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> , 2012 , 32, 947-57 | 4.3 | 51 |
| 107 | Isolation and characterization of tilapia (<i>Oreochromis mossambicus</i>) insulin-like growth factors gene and proximal promoter region. <i>DNA and Cell Biology</i> , 1998 , 17, 359-76 | 3.6 | 51 |
| 106 | Efficacy of the antimicrobial peptide TP4 against <i>Helicobacter pylori</i> infection: in vitro membrane perturbation via micellization and in vivo suppression of host immune responses in a mouse model. <i>Oncotarget</i> , 2015 , 6, 12936-54 | 3.3 | 49 |
| 105 | Epinecidin-1 peptide induces apoptosis which enhances antitumor effects in human leukemia U937 cells. <i>Peptides</i> , 2009 , 30, 2365-73 | 3.8 | 49 |
| 104 | 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> , 2011 , 30, 39-44 | 4.3 | 48 |
| 103 | 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> , 2010 , 28, 905-17 | 4.3 | 44 |
| 102 | The mechanisms by which pardaxin, a natural cationic antimicrobial peptide, targets the endoplasmic reticulum and induces c-FOS. <i>Biomaterials</i> , 2014 , 35, 3627-40 | 15.6 | 40 |
| 101 | Truncated antimicrobial peptides from marine organisms retain anticancer activity and antibacterial activity against multidrug-resistant <i>Staphylococcus aureus</i> . <i>Peptides</i> , 2013 , 44, 139-48 | 3.8 | 40 |
| 100 | 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> , 2006 , 349, 750-8 | 3.4 | 39 |
| 99 | Transcriptome analysis of the effect of <i>Vibrio alginolyticus</i> infection on the innate immunity-related complement pathway in <i>Epinephelus coioides</i> . <i>BMC Genomics</i> , 2014 , 15, 1102 | 4.5 | 38 |
| 98 | Shrimp (<i>Penaeus monodon</i>) anti-lipopolysaccharide factor reduces the lethality of <i>Pseudomonas aeruginosa</i> sepsis in mice. <i>International Immunopharmacology</i> , 2007 , 7, 687-700 | 5.8 | 38 |
| 97 | Epinecidin-1 antimicrobial activity: In vitro membrane lysis and In vivo efficacy against <i>Helicobacter pylori</i> infection in a mouse model. <i>Biomaterials</i> , 2015 , 61, 41-51 | 15.6 | 36 |
| 96 | Molecular cloning and functional analysis of zebrafish high-density lipoprotein-binding protein. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003 , 136, 117-30 | 2.3 | 36 |
| 95 | 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> , 2012 , 38, 1299-310 | 2.7 | 35 |
| 94 | 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> , 2010 , 285, 30577-86 | 5.4 | 35 |
| 93 | Production of biologically active recombinant tilapia insulin-like growth factor-II polypeptides in <i>Escherichia coli</i> cells and characterization of the genomic structure of the coding region. <i>DNA and Cell Biology</i> , 1997 , 16, 883-92 | 3.6 | 35 |
| 92 | Molecular cloning and tissue-specific, developmental-stage-specific, and hormonal regulation of IGFBP3 gene in zebrafish. <i>Marine Biotechnology</i> , 2004 , 6, 1-7 | 3.4 | 35 |

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|----|--|------|----|
| 91 | Targeting FOSB with a cationic antimicrobial peptide, TP4, for treatment of triple-negative breast cancer. <i>Oncotarget</i> , 2016 , 7, 40329-40347 | 3.3 | 34 |
| 90 | 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> , 2016 , 52, 31-43 | 4.3 | 33 |
| 89 | Transgenic expression of tilapia hepcidin 1-5 and shrimp chelonianin in zebrafish and their resistance to bacterial pathogens. <i>Fish and Shellfish Immunology</i> , 2011 , 31, 275-85 | 4.3 | 33 |
| 88 | Pardaxin-induced apoptosis enhances antitumor activity in HeLa cells. <i>Peptides</i> , 2011 , 32, 1110-6 | 3.8 | 33 |
| 87 | Modulation of immune responses by the antimicrobial peptide, epinecidin (Epi)-1, and establishment of an Epi-1-based inactivated vaccine. <i>Biomaterials</i> , 2011 , 32, 3627-36 | 15.6 | 33 |
| 86 | Piscidin is highly active against carbapenem-resistant <i>Acinetobacter baumannii</i> and NDM-1-producing <i>Klebsiella pneumonia</i> in a systemic Septicaemia infection mouse model. <i>Marine Drugs</i> , 2015 , 13, 2287-305 | 6 | 29 |
| 85 | The use of the antimicrobial peptide piscidin (PCD)-1 as a novel anti-nociceptive agent. <i>Biomaterials</i> , 2015 , 53, 1-11 | 15.6 | 29 |
| 84 | The antimicrobial peptide, epinecidin-1, mediates secretion of cytokines in the immune response to bacterial infection in mice. <i>Peptides</i> , 2012 , 36, 100-8 | 3.8 | 29 |
| 83 | Characteristics of the antitumor activities in tumor cells and modulation of the inflammatory response in RAW264.7 cells of a novel antimicrobial peptide, chrysopsin-1, from the red sea bream (<i>Chrysophrys major</i>). <i>Peptides</i> , 2011 , 32, 900-10 | 3.8 | 29 |
| 82 | Use of the antimicrobial peptide pardaxin (GE33) to protect against methicillin-resistant <i>Staphylococcus aureus</i> infection in mice with skin injuries. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 1538-45 | 5.9 | 28 |
| 81 | 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> , 2017 , 12, e0169678 | 3.7 | 28 |
| 80 | Pardaxin, a fish antimicrobial peptide, exhibits antitumor activity toward murine fibrosarcoma in vitro and in vivo. <i>Marine Drugs</i> , 2012 , 10, 1852-72 | 6 | 27 |
| 79 | Tilapia Piscidin 4 (TP4) Stimulates Cell Proliferation and Wound Closure in MRSA-Infected Wounds in Mice. <i>Marine Drugs</i> , 2015 , 13, 2813-33 | 6 | 26 |
| 78 | 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> , 2013 , 34, 1833-42 | 4.6 | 25 |
| 77 | 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> , 2009 , 26, 451-8 | 4.3 | 25 |
| 76 | Zebrafish fed on recombinant <i>Artemia</i> expressing epinecidin-1 exhibit increased survival and altered expression of immunomodulatory genes upon <i>Vibrio vulnificus</i> infection. <i>Fish and Shellfish Immunology</i> , 2015 , 42, 1-15 | 4.3 | 24 |
| 75 | 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> , 2016 , 50, 200-9 | 4.3 | 24 |
| 74 | Shrimp anti-lipopolysaccharide factor peptide enhances the antitumor activity of cisplatin in vitro and inhibits HeLa cells growth in nude mice. <i>Peptides</i> , 2010 , 31, 1019-25 | 3.8 | 24 |

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|----|--|------|----|
| 73 | Antimicrobial peptide of an anti-lipopolysaccharide factor modulates of the inflammatory response in RAW264.7 cells. <i>Peptides</i> , 2010 , 31, 1262-72 | 3.8 | 24 |
| 72 | 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> , 2017 , 8, 21067-21080 | 3.3 | 24 |
| 71 | 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> , 2013 , 151, 217-28 | 2 | 23 |
| 70 | Transgenic expression of salmon delta-5 and delta-6 desaturase in zebrafish muscle inhibits the growth of <i>Vibrio alginolyticus</i> and affects fish immunomodulatory activity. <i>Fish and Shellfish Immunology</i> , 2014 , 39, 223-30 | 4.3 | 22 |
| 69 | Shrimp anti-lipopolysaccharide factor (SALF), an antimicrobial peptide, inhibits proinflammatory cytokine expressions through the MAPK and NF- κ B pathways in LPS-induced HeLa cells. <i>Peptides</i> , 2013 , 40, 42-8 | 3.8 | 22 |
| 68 | cDNA sequence encoding an 11.5-kDa antibacterial peptide of the shrimp <i>Penaeus monodon</i> . <i>Fish and Shellfish Immunology</i> , 2004 , 16, 659-64 | 4.3 | 22 |
| 67 | The antimicrobial peptide, tilapia hepcidin 2-3, and PMA differentially regulate the protein kinase C isoforms, TNF- α and COX-2, in mouse RAW264.7 macrophages. <i>Peptides</i> , 2011 , 32, 333-41 | 3.8 | 21 |
| 66 | Antimicrobial peptides of an anti-lipopolysaccharide factor, epinecidin-1, and hepcidin reduce the lethality of <i>Riemerella anatipestifer</i> sepsis in ducks. <i>Peptides</i> , 2010 , 31, 806-15 | 3.8 | 21 |
| 65 | A cancer vaccine based on the marine antimicrobial peptide pardaxin (GE33) for control of bladder-associated tumors. <i>Biomaterials</i> , 2013 , 34, 10151-9 | 15.6 | 20 |
| 64 | The antimicrobial peptide pardaxin exerts potent anti-tumor activity against canine perianal gland adenoma. <i>Oncotarget</i> , 2015 , 6, 2290-301 | 3.3 | 20 |
| 63 | Epinecidin-1 has immunomodulatory effects, facilitating its therapeutic use in a mouse model of <i>Pseudomonas aeruginosa</i> sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4264-74 | 5.9 | 20 |
| 62 | Molecular cloning and functional analysis of zebrafish (<i>Danio rerio</i>) chemokine genes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008 , 151, 400-9 | 2.3 | 20 |
| 61 | Grouper (<i>Epinephelus coioides</i>) antimicrobial peptide epinecidin-1 exhibits antiviral activity against foot-and-mouth disease virus in vitro. <i>Peptides</i> , 2018 , 106, 91-95 | 3.8 | 19 |
| 60 | 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> , 2017 , 70, 106-120 | 4.3 | 19 |
| 59 | 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> , 2008 , 150, 358-67 | 2.3 | 19 |
| 58 | Transcriptome analysis of medaka following epinecidin-1 and TH1-5 treatment of NNV infection. <i>Fish and Shellfish Immunology</i> , 2015 , 42, 121-31 | 4.3 | 18 |
| 57 | 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> , 2017 , 1863, 3028-3037 | 6.9 | 18 |
| 56 | 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> , 2012 , 36, 166-73 | 3.2 | 18 |

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|----|--|------|----|
| 55 | 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> , 2011 , 32, 6804-14 | 15.6 | 17 |
| 54 | Evaluation of the epinecidin-1 peptide as an active ingredient in cleaning solutions against pathogens. <i>Peptides</i> , 2010 , 31, 1449-58 | 3.8 | 17 |
| 53 | Molecular cloning and sequencing of shrimp (<i>Penaeus monodon</i>) penaeidin-5 cDNA. <i>Fish and Shellfish Immunology</i> , 2004 , 16, 665-70 | 4.3 | 17 |
| 52 | Antimicrobial Peptide TP4 Induces ROS-Mediated Necrosis by Triggering Mitochondrial Dysfunction in Wild-Type and Mutant Glioblastoma Cells. <i>Cancers</i> , 2019 , 11, | 6.6 | 16 |
| 51 | 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> , 2013 , 21, 1155-1168 | 2.6 | 16 |
| 50 | Proteomic and functional analysis of zebrafish after administration of antimicrobial peptide epinecidin-1. <i>Fish and Shellfish Immunology</i> , 2013 , 34, 593-8 | 4.3 | 16 |
| 49 | Organization and promoter analysis of the zebrafish (<i>Danio rerio</i>) interferon gene. <i>DNA and Cell Biology</i> , 2005 , 24, 641-50 | 3.6 | 16 |
| 48 | 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> , 2020 , 15, e0230021 | 3.7 | 14 |
| 47 | The antimicrobial peptide, shrimp anti-lipopolysaccharide factor (SALF), inhibits proinflammatory cytokine expressions through the MAPK and NF- κ B pathways in <i>Trichomonas vaginalis</i> adherent to HeLa cells. <i>Peptides</i> , 2012 , 38, 197-207 | 3.8 | 13 |
| 46 | Application of RNAi technology to the inhibition of zebrafish GtHalpha, FSHbeta, and LHbeta expression and to functional analyses. <i>Zoological Science</i> , 2008 , 25, 614-21 | 0.8 | 13 |
| 45 | cDNA sequence encoding an antimicrobial peptide of chelonianin from the tiger shrimp <i>Penaeus monodon</i> . <i>Fish and Shellfish Immunology</i> , 2005 , 18, 179-83 | 4.3 | 13 |
| 44 | 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> , 2001 , 285, 105-10 | 3.4 | 13 |
| 43 | 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> , 2018 , 81, 37-48 | 4.3 | 12 |
| 42 | 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> , 2013 , 35, 1359-68 | 4.3 | 12 |
| 41 | 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> , 2015 , 13, 3241-58 | 6 | 12 |
| 40 | 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> , 2009 , 33, 117-26 | 3.2 | 12 |
| 39 | Functional analysis of mitogen-activated protein kinase-3 (MAPK3) and its regulation of the promoter region in zebrafish. <i>DNA and Cell Biology</i> , 2007 , 26, 781-90 | 3.6 | 12 |
| 38 | Use of tilapia piscidin 3 (TP3) to protect against MRSA infection in mice with skin injuries. <i>Oncotarget</i> , 2015 , 6, 12955-69 | 3.3 | 12 |

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| 37 | Epinecidin-1: A marine fish antimicrobial peptide with therapeutic potential against <i>Trichomonas vaginalis</i> infection in mice. <i>Peptides</i> , 2019 , 112, 139-148 | 3.8 | 12 |
| 36 | Development of Cre-loxP technology in zebrafish to study the regulation of fish reproduction. <i>Fish Physiology and Biochemistry</i> , 2013 , 39, 1525-39 | 2.7 | 11 |
| 35 | FOSB?PCDHB13 Axis Disrupts the Microtubule Network in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2019 , 11, | 6.6 | 10 |
| 34 | Antimicrobial Peptide Epinecidin-1 Modulates MyD88 Protein Levels via the Proteasome Degradation Pathway. <i>Marine Drugs</i> , 2017 , 15, | 6 | 10 |
| 33 | 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> , 2019 , 9, 19047 | 4.9 | 10 |
| 32 | Nile Tilapia Derived Antimicrobial Peptide TP4 Exerts Antineoplastic Activity Through Microtubule Disruption. <i>Marine Drugs</i> , 2018 , 16, | 6 | 10 |
| 31 | Nile Tilapia Derived TP4 Shows Broad Cytotoxicity Toward to Non-Small-Cell Lung Cancer Cells. <i>Marine Drugs</i> , 2018 , 16, | 6 | 10 |
| 30 | Therapeutic utility of the antimicrobial peptide Tilapia Piscidin 4 (TP4). <i>Aquaculture Reports</i> , 2020 , 17, 100409 | 2.3 | 9 |
| 29 | Transgenic expression of tilapia piscidin 3 (TP3) in zebrafish confers resistance to <i>Streptococcus agalactiae</i> . <i>Fish and Shellfish Immunology</i> , 2018 , 74, 235-241 | 4.3 | 9 |
| 28 | 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> , 2017 , 62, 153-163 | 4.3 | 8 |
| 27 | Organization and promoter analysis of a tiger shrimp <i>Penaeus monodon</i> single WAP domain-containing protein gene. <i>Fisheries Science</i> , 2006 , 72, 1086-1095 | 1.9 | 8 |
| 26 | 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> , 2010 , 155, 155-63 | 2.3 | 6 |
| 25 | Organization and promoter analysis of the zebrafish (<i>Danio rerio</i>) chemokine gene (CXC-64) promoter. <i>Fish Physiology and Biochemistry</i> , 2010 , 36, 511-521 | 2.7 | 6 |
| 24 | 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> , 2007 , 26, 415-24 | 3.6 | 5 |
| 23 | Epinecidin-1 Protects against Methicillin Resistant Infection and Sepsis in Pyemia Pigs. <i>Marine Drugs</i> , 2019 , 17, | 6 | 5 |
| 22 | 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> , 2020 , 21, | 6.3 | 4 |
| 21 | 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> , 2018 , 76, 233-239 | 4.3 | 4 |
| 20 | 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> , 2013 , 21, 75-96 | 2.6 | 4 |

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|----|--|-----|---|
| 19 | Molecular cloning and functional analysis of the zebrafish luteinizing hormone beta subunit (LH) promoter. <i>Fish Physiology and Biochemistry</i> , 2010 , 36, 1253-62 | 2.7 | 4 |
| 18 | Cloning and biological analysis of the zebrafish (Danio rerio) insulin-like growth factor binding protein-2 proximal promoter region. <i>DNA and Cell Biology</i> , 2005 , 24, 199-208 | 3.6 | 4 |
| 17 | Tilapia Piscidin 4 (TP4) Reprograms M1 Macrophages to M2 Phenotypes in Cell Models of -Induced Vaginosis.. <i>Frontiers in Immunology</i> , 2021 , 12, 773013 | 8.4 | 4 |
| 16 | Pharmacological inhibition of p38 potentiates antimicrobial peptide TP4-induced cell death in glioblastoma cells. <i>Molecular and Cellular Biochemistry</i> , 2020 , 464, 1-9 | 4.2 | 4 |
| 15 | Antimicrobial Peptide TP4 Targets Mitochondrial Adenine Nucleotide Translocator 2. <i>Marine Drugs</i> , 2020 , 18, | 6 | 4 |
| 14 | Antimicrobial Peptides from Marine Organisms 2015 , 747-758 | | 3 |
| 13 | 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> , 2020 , 315, 108904 | 5 | 3 |
| 12 | 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> , 2020 , 15, e0236601 | 3.7 | 2 |
| 11 | 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> , 2021 , 19, | 6 | 2 |
| 10 | Recombinant expression of Epinephelus lanceolatus serum amyloid A (ELSAA) and analysis of its macrophage modulatory activities. <i>Fish and Shellfish Immunology</i> , 2017 , 64, 276-286 | 4.3 | 1 |
| 9 | 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> , 2020 , 99, 362-367 | 4.3 | 1 |
| 8 | 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> , 2014 , 23, 125-34 | 3.3 | 1 |
| 7 | Infectious Pancreatic Necrosis Virus RNA Cleavage In Vitro by Hammerhead Ribozymes and Enhancement of Ribozyme Catalysis by Oligonucleotide Facilitators. <i>Marine Biotechnology</i> , 2000 , 2, 364-375 | 3.4 | 1 |
| 6 | Dietary supplementation of recombinant tilapia piscidin 4-expressing yeast enhances growth and immune response in <i>Lates calcarifer</i> . <i>Aquaculture Reports</i> , 2020 , 16, 100254 | 2.3 | 1 |
| 5 | 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> , 2021 , 16, e0253661 | 3.7 | 1 |
| 4 | A Cationic Amphipathic Tilapia Piscidin 4 Peptide-Based Antimicrobial Formulation Promotes Eradication of Bacterial Vaginosis-Associated Bacterial Biofilms.. <i>Frontiers in Microbiology</i> , 2022 , 13, 806654 | 5.7 | 1 |
| 3 | Isolation and characterization of the zebrafish <i>Danio rerio</i> insulin-like growth factor binding protein-3 promoter region. <i>Fisheries Science</i> , 2008 , 74, 153-166 | 1.9 | |
| 2 | 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> , 2021 , 22, 200 | 4.5 | |

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