

Wilaiwan Chotigeat

List of Publications by Year in descending order

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44
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Molecular markers for differentiation of <i>Fenneropenaeus merguensis</i> among <i>Penaeus</i> species. <i>Aquaculture Research</i> , 2022, 53, 3984-3995. | 0.9 | 1 |
| 2 | Potential health benefits of fucoidan from the brown seaweeds <i>Sargassum plagiophyllum</i> and <i>Sargassum polycystum</i> . <i>Journal of Applied Phycology</i> , 2021, 33, 3357-3364. | 1.5 | 13 |
| 3 | A novel, 4-h DNA extraction method for STR typing of casework bone samples. <i>International Journal of Legal Medicine</i> , 2020, 134, 461-471. | 1.2 | 16 |
| 4 | Lovastatin Production by <i>Aspergillus sclerotiorum</i> Using Agricultural Waste. <i>Food Technology and Biotechnology</i> , 2020, 58, 230-236. | 0.9 | 3 |
| 5 | Biological activities of a recombinant fortilin from <i>Fenneropenaeus merguensis</i> . <i>PLoS ONE</i> , 2020, 15, e0239672. | 1.1 | 6 |
| 6 | Effect of the interaction between ribosomal protein L10a and insulin receptor on carbohydrate metabolism. <i>Heliyon</i> , 2020, 6, e05714. | 1.4 | 0 |
| 7 | Induction of vitellogenesis in female banana shrimp, <i>Fenneropenaeus merguensis</i> by leucine-tyrosine-arginine motif-containing protein 5 (LYRM5). <i>Aquaculture</i> , 2019, 512, 734292. | 1.7 | 0 |
| 8 | A new cost-effective and fast direct PCR protocol for insects based on PBS buffer. <i>Molecular Ecology Resources</i> , 2019, 19, 691-701. | 2.2 | 13 |
| 9 | Abnormal development of zebrafish after knockout and knockdown of ribosomal protein L10a. <i>Scientific Reports</i> , 2019, 9, 18130. | 1.6 | 16 |
| 10 | Induction of vitellogenesis by glass bottom boat in the female banana shrimp, <i>Fenneropenaeus merguensis</i> de Man. <i>General and Comparative Endocrinology</i> , 2019, 270, 48-59. | 0.8 | 5 |
| 11 | Semiquantitative dot blot immunogold assay for specific detection of white spot syndrome virus. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 586-593. | 1.4 | 4 |
| 12 | Effect of recombinant vascular endothelial growth factor and translationally controlled tumor protein on 2-hydroxyethyl methacrylate-treated pulp cells. <i>Molecular Medicine Reports</i> , 2018, 17, 6100-6108. | 1.1 | 2 |
| 13 | Ribosomal protein L10A and signaling pathway. <i>Gene</i> , 2018, 674, 170-177. | 1.0 | 7 |
| 14 | Mini-SNaPshot multiplex assays authenticate elephant ivory and simultaneously identify the species origin. <i>Forensic Science International: Genetics</i> , 2017, 27, 106-115. | 1.6 | 22 |
| 15 | In silico analysis of protein toxin and bacteriocins from <i>Lactobacillus paracasei</i> SD1 genome and available online databases. <i>PLoS ONE</i> , 2017, 12, e0183548. | 1.1 | 26 |
| 16 | Ovarian Transcriptome Analysis of Vitellogenic and Non-Vitellogenic Female Banana Shrimp (<i>Fenneropenaeus merguensis</i>). <i>PLoS ONE</i> , 2016, 11, e0164724. | 1.1 | 24 |
| 17 | Characterization of a Chikungunya virus strain isolated from banked patients' sera. <i>Virology Journal</i> , 2016, 13, 150. | 1.4 | 12 |
| 18 | Characterization and Small RNA Content of Extracellular Vesicles in Follicular Fluid of Developing Bovine Antral Follicles. <i>Scientific Reports</i> , 2016, 6, 25486. | 1.6 | 106 |

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|----|---|-----|-----------|
| 19 | Roles of phagocytosis activating protein (PAP) in <i>Aeromonas hydrophila</i> infected <i>Cyprinus carpio</i> . <i>Developmental and Comparative Immunology</i> , 2016, 59, 25-33. | 1.0 | 7 |
| 20 | <i>Emilia sonchifolia</i> extract activity against white spot syndrome virus and yellow head virus in shrimp cell cultures. <i>Diseases of Aquatic Organisms</i> , 2015, 115, 157-164. | 0.5 | 8 |
| 21 | Application of a Label-Free Immunosensor for White Spot Syndrome Virus (WSSV) in Shrimp Cultivation Water. <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 821-830. | 1.4 | 8 |
| 22 | Antimicrobial Activity of Engineered Shrimp Ovarian Peritrophin Fragments from <i>Fenneropenaeus merguensis</i> . <i>Protein and Peptide Letters</i> , 2014, 22, 73-80. | 0.4 | 3 |
| 23 | Development of an immuno-based colorimetric assay for white spot syndrome virus. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, n/a-n/a. | 1.4 | 7 |
| 24 | Ultrasound Treatment Increases Transfection Efficiency of Low Molecular Weight Chitosan in Fibroblasts but Not in KB Cells. <i>PLoS ONE</i> , 2014, 9, e92076. | 1.1 | 6 |
| 25 | Expression profile of ribosomal protein L10a throughout gonadal development in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1069-81. | 0.9 | 2 |
| 26 | Stimulation of ovarian development in white shrimp, <i>Fenneropenaeus merguensis</i> De Man, with a recombinant ribosomal protein L10a. <i>Aquaculture</i> , 2014, 432, 38-45. | 1.7 | 9 |
| 27 | Cloning, characterization and overexpression of a 14 kDa protein from oil palm (<i>Elaeis guineensis</i>). <i>Journal of Biotechnology</i> , 2014, 110, 1-10. | 1.0 | 1 |
| 28 | Activation of an immune response in <i>Litopenaeus vannamei</i> by oral immunization with phagocytosis activating protein (PAP) DNA. <i>Fish and Shellfish Immunology</i> , 2013, 34, 929-938. | 1.6 | 10 |
| 29 | The roles of ribosomal protein S3a in ovarian development of <i>Fenneropenaeus merguensis</i> (De Man). <i>Aquaculture</i> , 2012, 338-341, 208-215. | 1.7 | 11 |
| 30 | Molecular mechanism of serotonin via methyl farnesoate in ovarian development of white shrimp: <i>Fenneropenaeus merguensis</i> de Man. <i>Aquaculture</i> , 2011, 321, 101-107. | 1.7 | 29 |
| 31 | WSSV: VP26 binding protein and its biological activity. <i>Fish and Shellfish Immunology</i> , 2011, 30, 77-83. | 1.6 | 22 |
| 32 | Stimulating the immune response of <i>Litopenaeus vannamei</i> using the phagocytosis activating protein (PAP) gene. <i>Fish and Shellfish Immunology</i> , 2011, 31, 415-422. | 1.6 | 9 |
| 33 | Highly sensitive capacitive biosensor for detecting white spot syndrome virus in shrimp pond water. <i>Journal of Virological Methods</i> , 2011, 173, 75-84. | 1.0 | 30 |
| 34 | RpL10A regulates oogenesis progression in the banana prawn <i>Fenneropenaeus merguensis</i> and <i>Drosophila melanogaster</i> . <i>General and Comparative Endocrinology</i> , 2011, 173, 356-363. | 0.8 | 11 |
| 35 | Translationally controlled tumor protein against apoptosis from 2-hydroxy-ethyl methacrylate in human dental pulp cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1479-1487. | 1.7 | 12 |
| 36 | Characterization and Biological Activity of the Ribosomal Protein L10a of the White Shrimp: <i>Fenneropenaeus merguensis</i> De Man During Vitellogenesis. <i>Marine Biotechnology</i> , 2010, 12, 230-240. | 1.1 | 26 |

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|----|---|-----|-----------|
| 37 | Dynamic changes in gene expression during vitellogenic stages of the white shrimp: <i>Fenneropenaeus merguensis</i> de Man. <i>Aquaculture Research</i> , 2009, 40, 633-643. | 0.9 | 22 |
| 38 | The role of Pm- <i>fortilin</i> in protecting shrimp from white spot syndrome virus (WSSV) infection. <i>Fish and Shellfish Immunology</i> , 2008, 25, 633-637. | 1.6 | 51 |
| 39 | Identification of a protein binding to the phagocytosis activating protein (PAP) in immunized black tiger shrimp. <i>Aquaculture</i> , 2007, 271, 112-120. | 1.7 | 25 |
| 40 | Cloning and expression of a TCTP homolog from the ovaries of banana prawn. <i>Marine Biology</i> , 2007, 150, 455-462. | 0.7 | 20 |
| 41 | Isolation and Functional Characterization of a New Shrimp Ovarian Peritrophin with Antimicrobial Activity from <i>Fenneropenaeus merguensis</i> . <i>Marine Biotechnology</i> , 2007, 9, 624-637. | 1.1 | 42 |
| 42 | Expression of a Phagocytosis Activating Protein (PAP) gene in immunized black tiger shrimp. <i>Aquaculture</i> , 2006, 255, 165-172. | 1.7 | 46 |
| 43 | Sequence variations of the first ribosomal internal transcribed spacer of <i>Penaeus</i> species in Thailand. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 331, 64-73. | 0.7 | 11 |
| 44 | Effect of Fucoïdan on Disease Resistance of Black Tiger Shrimp. <i>Aquaculture</i> , 2004, 233, 23-30. | 1.7 | 184 |