

Wilaiwan Chotigeat

List of Publications by Year in descending order

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44
papers

888
citations

566801

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44
all docs

44
docs citations

44
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Fucoïdan on Disease Resistance of Black Tiger Shrimp. <i>Aquaculture</i> , 2004, 233, 23-30.	1.7	184
2	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
3	The role of Pmâ€“fortilin in protecting shrimp from white spot syndrome virus (WSSV) infection. <i>Fish and Shellfish Immunology</i> , 2008, 25, 633-637.	1.6	51
4	Expression of a Phagocytosis Activating Protein (PAP) gene in immunized black tiger shrimp. <i>Aquaculture</i> , 2006, 255, 165-172.	1.7	46
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	WSSV: VP26 binding protein and its biological activity. <i>Fish and Shellfish Immunology</i> , 2011, 30, 77-83.	1.6	22
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	Cloning and expression of a TCTP homolog from the ovaries of banana prawn. <i>Marine Biology</i> , 2007, 150, 455-462.	0.7	20
16	Abnormal development of zebrafish after knockout and knockdown of ribosomal protein L10a. <i>Scientific Reports</i> , 2019, 9, 18130.	1.6	16
17	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
18	A new costâ€“effective and fast direct PCR protocol for insects based on PBS buffer. <i>Molecular Ecology Resources</i> , 2019, 19, 691-701.	2.2	13

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19	Potential health benefits of fucoïdan 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
20	Translational control of 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
21	Characterization of a Chikungunya virus strain isolated from banked patients' sera. <i>Virology Journal</i> , 2016, 13, 150.	1.4	12
22	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
23	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
24	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
25	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
26	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
27	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
28	<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
29	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
30	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
31	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
32	Ribosomal protein L10A and signaling pathway. <i>Gene</i> , 2018, 674, 170-177.	1.0	7
33	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
34	Biological activities of a recombinant fortilin from <i>Fenneropenaeus merguensis</i> . <i>PLoS ONE</i> , 2020, 15, e0239672.	1.1	6
35	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
36	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

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37	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
38	Lovastatin Production by <i>Aspergillus sclerotiorum</i> Using Agricultural Waste. <i>Food Technology and Biotechnology</i> , 2020, 58, 230-236.	0.9	3
39	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
40	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
41	Cloning, characterization and overexpression of a 14-kDa protein from oil palm (<i>Elaeis guineensis</i>). <i>Trends in Biotechnology</i> , 2011, 29, 107-114.	1.0	1
42	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
43	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
44	Effect of the interaction between ribosomal protein L10a and insulin receptor on carbohydrate metabolism. <i>Heliyon</i> , 2020, 6, e05714.	1.4	0