

Hao-Ching Wang

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,549
citations

361413

20
h-index

315739

38
g-index

39
all docs

39
docs citations

39
times ranked

1597
citing authors

#	ARTICLE	IF	CITATIONS
1	The opportunistic marine pathogen <i>Vibrio parahaemolyticus</i> becomes virulent by acquiring a plasmid that expresses a deadly toxin. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10798-10803.	7.1	427
2	Protein expression profiling of the shrimp cellular response to white spot syndrome virus infection. Developmental and Comparative Immunology, 2007, 31, 672-686.	2.3	142
3	White spot syndrome virus protein ICP11: A histone-binding DNA mimic that disrupts nucleosome assembly. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20758-20763.	7.1	79
4	Proteomic analysis of differentially expressed proteins in <i>Penaeus monodon</i> hemocytes after <i>Vibrio harveyi</i> infection. Proteome Science, 2010, 8, 39.	1.7	70
5	The Role of Aldehyde Dehydrogenase and Hsp70 in Suppression of White Spot Syndrome Virus Replication at High Temperature. Journal of Virology, 2011, 85, 3517-3525.	3.4	63
6	Crowning Proteins: Modulating the Protein Surface Properties using Crown Ethers. Angewandte Chemie - International Edition, 2014, 53, 13054-13058.	13.8	49
7	<i>Penaeus monodon</i> caspase is targeted by a white spot syndrome virus anti-apoptosis protein. Developmental and Comparative Immunology, 2008, 32, 476-486.	2.3	47
8	DNA Mimic Proteins: Functions, Structures, and Bioinformatic Analysis. Biochemistry, 2014, 53, 2865-2874.	2.5	46
9	Structural Insights into the Cytotoxic Mechanism of <i>Vibrio parahaemolyticus</i> PirAvp and PirBvp Toxins. Marine Drugs, 2017, 15, 373.	4.6	45
10	Dual Inhibition of PIK3C3 and FGFR as a New Therapeutic Approach to Treat Bladder Cancer. Clinical Cancer Research, 2018, 24, 1176-1189.	7.0	43
11	Analysis of differently expressed proteins and transcripts in gills of <i>Penaeus vannamei</i> after yellow head virus infection. Proteomics, 2007, 7, 3809-3814.	2.2	41
12	Transactivation, Dimerization, and DNA-Binding Activity of White Spot Syndrome Virus Immediate-Early Protein IE1. Journal of Virology, 2008, 82, 11362-11373.	3.4	40
13	Identification of icp11, the most highly expressed gene of shrimp white spot syndrome virus (WSSV). Diseases of Aquatic Organisms, 2007, 74, 179-189.	1.0	36
14	<i>Staphylococcus aureus</i> protein SAUG1 acts as a uracil-DNA glycosylase inhibitor. Nucleic Acids Research, 2014, 42, 1354-1364.	14.5	32
15	Substrate binding of a GH5 endoglucanase from the ruminal fungus <i>Piromyces rhizinflata</i> . Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 1189-1194.	0.7	28
16	The T4 Phage DNA Mimic Protein Arn Inhibits the DNA Binding Activity of the Bacterial Histone-like Protein H-NS. Journal of Biological Chemistry, 2014, 289, 27046-27054.	3.4	28
17	Gene-to-Gene Network Analysis of the Mediation of Plant Innate Immunity by the Eliciting Plant Response-Like 1 (Epl1) Elicitor of <i>Trichoderma formosa</i> . Molecular Plant-Microbe Interactions, 2018, 31, 683-691.	2.6	27
18	<i>Neisseria</i> conserved protein DMP19 is a DNA mimic protein that prevents DNA binding to a hypothetical nitrogen-response transcription factor. Nucleic Acids Research, 2012, 40, 5718-5730.	14.5	26

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19	Structural Insights to the Heterotetrameric Interaction between the <i>Vibrio parahaemolyticus</i> PirAvp and PirBvp Toxins and Activation of the Cry-Like Pore-Forming Domain. <i>Toxins</i> , 2019, 11, 233.	3.4	26
20	New paradigm of functional regulation by DNA mimic proteins: Recent updates. <i>IUBMB Life</i> , 2019, 71, 539-548.	3.4	24
21	White Spot Syndrome Virus Protein Kinase 1 Defeats the Host Cell's Iron-Withholding Defense Mechanism by Interacting with Host Ferritin. <i>Journal of Virology</i> , 2015, 89, 1083-1093.	3.4	22
22	Proteomic analysis of differentially expressed proteins in the lymphoid organ of <i>Vibrio harveyi</i> -infected <i>Penaeus monodon</i> . <i>Molecular Biology Reports</i> , 2012, 39, 6367-6377.	2.3	21
23	Vaccinia viral A26 protein is a fusion suppressor of mature virus and triggers membrane fusion through conformational change at low pH. <i>PLoS Pathogens</i> , 2019, 15, e1007826.	4.7	20
24	<i>Penaeus monodon</i> Thioredoxin Restores the DNA Binding Activity of Oxidized White Spot Syndrome Virus IE1. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 914-926.	5.4	19
25	Investigating the Viral Suppressor HC-Pro Inhibiting Small RNA Methylation through Functional Comparison of HEN1 in Angiosperm and Bryophyte. <i>Viruses</i> , 2021, 13, 1837.	3.3	19
26	<i>Neisseria</i> conserved hypothetical protein DMP12 is a DNA mimic that binds to histone-like HU protein. <i>Nucleic Acids Research</i> , 2013, 41, 5127-5138.	14.5	16
27	Structural insights into the interaction between phytoplasmal effector causing phyllody 1 and <i>MADS</i> transcription factors. <i>Plant Journal</i> , 2019, 100, 706-719.	5.7	16
28	A Review of the Functional Annotations of Important Genes in the AHPND-Causing pVA1 Plasmid. <i>Microorganisms</i> , 2020, 8, 996.	3.6	16
29	Using structural-based protein engineering to modulate the differential inhibition effects of SAUGI on human and HSV uracil DNA glycosylase. <i>Nucleic Acids Research</i> , 2016, 44, 4440-4449.	14.5	14
30	A Novel Detection Platform for Shrimp White Spot Syndrome Virus Using an ICP11-Dependent Immunomagnetic Reduction (IMR) Assay. <i>PLoS ONE</i> , 2015, 10, e0138207.	2.5	10
31	The monomeric form of <i>Neisseria</i> DNA mimic protein DMP19 prevents DNA from binding to the histone-like HU protein. <i>PLoS ONE</i> , 2017, 12, e0189461.	2.5	8
32	Synthesis and biological evaluation of phenothiazine derivative-containing hydroxamic acids as potent class II histone deacetylase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113419.	5.5	8
33	Expression of the AHPND Toxins PirAvp and PirBvp Is Regulated by Components of the <i>Vibrio parahaemolyticus</i> Quorum Sensing (QS) System. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2889.	4.1	7
34	A shrimp glycosylase protein, PmENGase, interacts with WSSV envelope protein VP41B and is involved in WSSV pathogenesis. <i>Developmental and Comparative Immunology</i> , 2020, 108, 103667.	2.3	3
35	Structural insight into the differential interactions between the DNA mimic protein SAUGI and two gamma herpesvirus uracil-DNA glycosylases. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 903-914.	7.5	1
36	Identification and characterization of l-amino acid oxidase 2 gene in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Developmental and Comparative Immunology</i> , 2021, 120, 104058.	2.3	1

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37	Novel Algorithm for Improved Protein Classification Using Graph Similarity. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 3135-3143.	3.0	1