Xiudan Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7978232/publications.pdf

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29	538	643344	759306
papers	citations	15 h-index	22 g-index

29	29	29	560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A calcification-related calmodulin-like protein in the oyster Crassostrea gigas mediates the enhanced calcium deposition induced by CO2 exposure. Science of the Total Environment, 2022, 833, 155114.	3.9	6
2	Identification of the 14-3-3 Î²/Îµ-A protein as a novel maternal peptidoglycan-binding protein that protects embryos of zebrafish against bacterial infections. Developmental and Comparative Immunology, 2021, 114, 103867.	1.0	5
3	Regulation of apoptosis by Pacific oyster Crassostrea gigas reveals acclimation strategy to CO2 driven acidification. Ecotoxicology and Environmental Safety, 2021, 217, 112235.	2.9	8
4	One-Step and Colorimetric Detection of Fish Freshness Indicator Hypoxanthine Based on the Peroxidase Activity of Xanthine Oxidase Grade I Ammonium Sulfate Suspension. Frontiers in Microbiology, 2021, 12, 791227.	1.5	9
5	Integrated silica membraneâ€“based nucleic acid purification, amplification, and visualization platform for low-cost, rapid detection of foodborne pathogens. Analytical and Bioanalytical Chemistry, 2020, 412, 6927-6938.	1.9	25
6	A visual onâ€site method for African swine fever virus detection in raw pig tissues. Journal of Food Safety, 2020, 40, e12848.	1.1	0
7	Transcriptional changes of Pacific oyster Crassostrea gigas reveal essential role of calcium signal pathway in response to CO2-driven acidification. Science of the Total Environment, 2020, 741, 140177.	3.9	26
8	Development of a direct and visual isothermal method for meat adulteration detection in low resource settings. Food Chemistry, 2020, 319, 126542.	4.2	7
9	Highly sensitive visual detection of nucleic acid based on a universal strand exchange amplification coupled with lateral flow assay strip. Talanta, 2020, 216, 120978.	2.9	19
10	Identification of a Novel Pattern Recognition Receptor DM9 Domain Containing Protein 4 as a Marker for Pro-Hemocyte of Pacific Oyster Crassostrea gigas. Frontiers in Immunology, 2020, 11, 603270.	2.2	16
11	A novel LRR and Ig domain-containing protein could function as an immune effector in Crassostrea gigas. Fish and Shellfish Immunology, 2019, 88, 318-327.	1.6	9
12	A vital ubiquitin-conjugating enzyme CgUbe2g1 participated in regulation of immune response of Pacific oyster Crassostrea gigas. Developmental and Comparative Immunology, 2019, 91, 132-142.	1.0	7
13	A simple isothermal nucleic acid amplification method for the effective on-site identification for adulteration of pork source in mutton. Food Control, 2019, 98, 297-302.	2.8	41
14	A Prokineticin (PK)-like cytokine from Chinese mitten crab Eriocheir sinensis promotes the production of hemocytes via reactive oxygen species. Fish and Shellfish Immunology, 2018, 77, 419-428.	1.6	19
15	Rapid detection of foodborne pathogen Listeria monocytogenes by strand exchange amplification. Analytical Biochemistry, 2018, 545, 38-42.	1.1	39
16	Identification of a clip domain serine proteinase involved in immune defense in Chinese mitten crab Eriocheir sinensis. Fish and Shellfish Immunology, 2018, 74, 332-340.	1.6	23
17	Transcriptome sequencing reveals the involvement of reactive oxygen species in the hematopoiesis from Chinese mitten crab Eriocheir sinensis. Developmental and Comparative Immunology, 2018, 82, 94-103.	1.0	17
18	The modulation role of serotonin in Pacific oyster Crassostrea gigas in response to air exposure. Fish and Shellfish Immunology, 2017, 62, 341-348.	1.6	25

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19	A Carbonic Anhydrase Serves as an Important Acid-Base Regulator in Pacific Oyster Crassostrea gigas Exposed to Elevated CO2: Implication for Physiological Responses of Mollusk to Ocean Acidification. Marine Biotechnology, 2017, 19, 22-35.	1.1	38
20	Soluble adenylyl cyclase mediates mitochondrial pathway of apoptosis and ATP metabolism in oyster Crassostrea gigas exposed to elevated CO2. Fish and Shellfish Immunology, 2017, 66, 140-147.	1.6	16
21	A shell-formation related carbonic anhydrase in Crassostrea gigas modulates intracellular calcium against CO2 exposure: Implication for impacts of ocean acidification on mollusk calcification. Aquatic Toxicology, 2017, 189, 216-228.	1.9	36
22	The B-cell translocation gene 1 (Cg BTG1) identified in oyster Crassostrea gigas exhibit multiple functions in immune response. Fish and Shellfish Immunology, 2017, 61, 68-78.	1.6	11
23	The immunomodulation of a maternal translationally controlled tumor protein (TCTP) in Zhikong scallop Chlamys farreri. Fish and Shellfish Immunology, 2017, 60, 141-149.	1.6	6
24	Two novel LRR and Ig domain-containing proteins from oyster Crassostrea gigas function as pattern recognition receptors and induce expression of cytokines. Fish and Shellfish Immunology, 2017, 70, 308-318.	1.6	13
25	A novel method to control carryover contamination in isothermal nucleic acid amplification. Chemical Communications, 2017, 53, 10696-10699.	2.2	37
26	The versatile functions of LRR-only proteins in mollusk Chlamys farreri. Developmental and Comparative Immunology, 2017, 77, 188-199.	1.0	21
27	The receptor for activated C kinase 1 (RACK1) functions in hematopoiesis through JNK activation in Chinese mitten crab Eriocheir sinensis. Fish and Shellfish Immunology, 2016, 57, 252-261.	1.6	15
28	Ocean acidification stimulates alkali signal pathway: A bicarbonate sensing soluble adenylyl cyclase from oyster Crassostrea gigas mediates physiological changes induced by CO2 exposure. Aquatic Toxicology, 2016, 181, 124-135.	1.9	26
29	Two novel LRR-only proteins in Chlamys farreri: Similar in structure, yet different in expression profile and pattern recognition. Developmental and Comparative Immunology, 2016, 59, 99-109.	1.0	18