

Integrative Study of Physiological Changes Associated with Oyster Larvae

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Differences in the Gene Expression Profiles of Haemocytes from Schistosome-Susceptible and -Resistant <i>Biomphalaria glabrata</i> Exposed to <i>Schistosoma mansoni</i> Excretory-Secretory Products. <i>PLoS ONE</i> , 2014, 9, e93215.	1.1	22
2	Autolysis in <i>Vibrio tubiashii</i> and <i>Vibrio coralliilyticus</i> . <i>Canadian Journal of Microbiology</i> , 2014, 60, 57-63.	0.8	5
3	Complete Genome Sequence for the Shellfish Pathogen <i>Vibrio coralliilyticus</i> RE98 Isolated from a Shellfish Hatchery. <i>Genome Announcements</i> , 2014, 2, .	0.8	25
4	Effect of the probiotic strain <i>Phaeobacter gallaeciensis</i> after bacterial challenge on the complete larval development of <i>Pecten maximus</i> . <i>Aquatic Living Resources</i> , 2014, 27, 27-34.	0.5	9
5	Stimulation of heterotrophic bacteria associated with wild-caught blue mussel (<i>Mytilus edulis</i>) adults results in mass mortality. <i>Aquaculture</i> , 2014, 431, 136-138.	1.7	15
6	Identification of potential general markers of disease resistance in American oysters, <i>Crassostrea virginica</i> through gene expression studies. <i>Fish and Shellfish Immunology</i> , 2014, 41, 27-36.	1.6	26
7	Identification of potential markers and sensitive tissues for low or high salinity stress in an intertidal mud crab (<i>Macrophthalmus japonicus</i>). <i>Fish and Shellfish Immunology</i> , 2014, 41, 407-416.	1.6	30
8	Physiological basis of extreme growth rate differences in the spat of oyster (<i>Crassostrea gigas</i>). <i>Marine Biology</i> , 2014, 161, 1627-1637.	0.7	30
9	Deep transcriptome sequencing of <i>Pecten maximus</i> hemocytes: A genomic resource for bivalve immunology. <i>Fish and Shellfish Immunology</i> , 2014, 37, 154-165.	1.6	72
10	Physiological changes in Pacific oyster <i>Crassostrea gigas</i> exposed to the herpesvirus OsHV-1 $\frac{1}{4}$ Var. <i>Aquaculture</i> , 2014, 432, 304-310.	1.7	24
11	The use of -omic tools in the study of disease processes in marine bivalve mollusks. <i>Journal of Invertebrate Pathology</i> , 2015, 131, 137-154.	1.5	45
12	Mortalities of Eastern and Pacific Oyster Larvae Caused by the Pathogens <i>Vibrio coralliilyticus</i> and <i>Vibrio tubiashii</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 292-297.	1.4	97
13	Bacterial diseases in marine bivalves. <i>Journal of Invertebrate Pathology</i> , 2015, 131, 11-31.	1.5	137
14	<i>Vibrio</i> Infections Associated with Yesso Scallop (<i>Patinopecten yessoensis</i>) Larval Culture. <i>Journal of Shellfish Research</i> , 2015, 34, 213-216.	0.3	8
15	Predicting growth and mortality of bivalve larvae using gene expression and supervised machine learning. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2015, 16, 59-72.	0.4	5
16	Isolation and genotyping of potentially pathogenic <i>Vibrio alginolyticus</i> associated with <i>Ruditapes decussatus</i> larva and juvenile mass mortalities. <i>Aquaculture International</i> , 2015, 23, 1033-1047.	1.1	8
17	Ontogeny of bivalve immunity: assessing the potential of next-generation sequencing techniques. <i>Reviews in Aquaculture</i> , 2015, 7, 197-217.	4.6	20
18	Multiple Roles of Peroxiredoxins in Inflammation. <i>Molecules and Cells</i> , 2016, 39, 60-64.	1.0	115

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19	First Report of <i>Vibrio tubiashii</i> Associated with a Massive Larval Mortality Event in a Commercial Hatchery of Scallop <i>Argopecten purpuratus</i> in Chile. <i>Frontiers in Microbiology</i> , 2016, 7, 1473.	1.5	15
20	Antimicrobial Compounds from Eukaryotic Microalgae against Human Pathogens and Diseases in Aquaculture. <i>Marine Drugs</i> , 2016, 14, 159.	2.2	172
21	Transcriptomic profiling of <i>Chamelea gallina</i> from sites along the Abruzzo coast (Italy), subject to periodic localized mortality events. <i>Marine Biology</i> , 2016, 163, 1.	0.7	6
22	Hsp70 gene expansions in the scallop <i>Patinopecten yessoensis</i> and their expression regulation after exposure to the toxic dinoflagellate <i>Alexandrium catenella</i> . <i>Fish and Shellfish Immunology</i> , 2016, 58, 266-273.	1.6	49
23	Prophylactic effect of <i>Haslea ostrearia</i> culture supernatant containing the pigment marennine to stabilize bivalve hatchery production. <i>Aquatic Living Resources</i> , 2016, 29, 401.	0.5	19
24	Metabolic responses of clam <i>Ruditapes philippinarum</i> exposed to its pathogen <i>Vibrio tapetis</i> in relation to diet. <i>Developmental and Comparative Immunology</i> , 2016, 60, 96-107.	1.0	8
25	Clam focal and systemic immune responses to QPX infection revealed by RNA-seq technology. <i>BMC Genomics</i> , 2016, 17, 146.	1.2	20
26	The immunological capacity in the larvae of Pacific oyster <i>Crassostrea gigas</i> . <i>Fish and Shellfish Immunology</i> , 2016, 49, 461-469.	1.6	36
27	Transcriptome analysis of the pearl oyster (<i>Pinctada fucata</i>) hemocytes in response to <i>Vibrio alginolyticus</i> infection. <i>Gene</i> , 2016, 575, 421-428.	1.0	52
28	Transcriptomic analysis of oyster <i>Crassostrea gigas</i> larvae illustrates the response patterns regulated by catecholaminergic system upon acute heat and bacterial stress. <i>Developmental and Comparative Immunology</i> , 2017, 73, 52-60.	1.0	21
29	Upregulating Nrf2-dependent antioxidant defenses in Pacific oysters <i>Crassostrea gigas</i> : Investigating the Nrf2/Keap1 pathway in bivalves. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 195, 16-26.	1.3	20
30	Effects of hydrodynamic factors on <i>Pecten maximus</i> larval development. <i>Aquaculture Research</i> , 2017, 48, 5463-5471.	0.9	3
31	Complete Genome Sequence of <i>Vibrio coralliilyticus</i> 58, Isolated from Pacific Oyster (<i>Crassostrea</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.8	5
32	Isolation of Vibrionaceae from wild blue mussel (<i>Mytilus edulis</i>) adults and their impact on blue mussel larviculture. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	26
33	Effect of marennine produced by the blue diatom <i>Haslea ostrearia</i> on behavioral, physiological and biochemical traits of juvenile <i>Mytilus edulis</i> and <i>Crassostrea virginica</i> . <i>Aquaculture</i> , 2017, 467, 138-148.	1.7	10
34	Three Draft Genome Sequences of <i>Vibrio coralliilyticus</i> Strains Isolated from Bivalve Hatcheries. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
35	New Insights into Pathogenic Vibrios Affecting Bivalves in Hatcheries: Present and Future Prospects. <i>Frontiers in Microbiology</i> , 2017, 8, 762.	1.5	102
36	Identification of clam plasma proteins that bind its pathogen Quahog Parasite Unknown. <i>Fish and Shellfish Immunology</i> , 2018, 77, 214-221.	1.6	4

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37	Metabolomics Study of Immune Responses of New Zealand Greenshell, <i>Perna canaliculus</i> Infected with Pathogenic <i>Vibrio</i> sp.. <i>Marine Biotechnology</i> , 2018, 20, 396-409.	1.1	82
38	Dissolution and bandgap paradigms for predicting the toxicity of metal oxide nanoparticles in the marine environment: an <i>in vivo</i> study with oyster embryos. <i>Nanotoxicology</i> , 2018, 12, 63-78.	1.6	23
39	Complete Genome Sequence of a Bacteriophage, pVco-5, That Infects <i>Vibrio coralliilyticus</i> , Which Causes Bacillary Necrosis in Pacific Oyster (<i>Crassostrea gigas</i>) Larvae. <i>Genome Announcements</i> , 2018, 6, .	0.8	5
40	Inefficient immune response is associated with microbial permissiveness in juvenile oysters affected by mass mortalities on field. <i>Fish and Shellfish Immunology</i> , 2018, 77, 156-163.	1.6	32
41	Metabolism of the Pacific oyster, <i>Crassostrea gigas</i> , is influenced by salinity and modulates survival to the Ostreid herpesvirus OshV-1. <i>Biology Open</i> , 2018, 7, .	0.6	54
42	Gill transcriptomic analysis in fast- and slow-growing individuals of <i>Mytilus galloprovincialis</i> . <i>Aquaculture</i> , 2019, 511, 734242.	1.7	14
43	Differential expressions of HSP70 gene between golden and brown noble scallops <i>Chlamys nobilis</i> under heat stress and bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2019, 94, 924-933.	1.6	19
44	Insights into Mussel Microbiome. , 2019, , 95-120.		10
45	Low pH reduced survival of the oyster <i>Crassostrea gigas</i> exposed to the Ostreid herpesvirus 1 by altering the metabolic response of the host. <i>Aquaculture</i> , 2019, 503, 167-174.	1.7	17
46	Responses of <i>Mytilus galloprovincialis</i> to challenge with the emerging marine pathogen <i>Vibrio coralliilyticus</i> . <i>Fish and Shellfish Immunology</i> , 2019, 84, 352-360.	1.6	29
47	Application of lipidomics in bivalve aquaculture, a review. <i>Reviews in Aquaculture</i> , 2020, 12, 678-702.	4.6	21
48	Vulnerability of glutathione-depleted <i>Crassostrea gigas</i> oysters to <i>Vibrio</i> species. <i>Marine Environmental Research</i> , 2020, 154, 104870.	1.1	8
49	<i>Vibrio coralliilyticus</i> as an agent of red spotting disease in the sea urchin <i>Strongylocentrotus intermedius</i> . <i>Aquaculture Reports</i> , 2020, 16, 100244.	0.7	9
50	Temporal proteomic profiling reveals insight into critical developmental processes and temperature-influenced physiological response differences in a bivalve mollusc. <i>BMC Genomics</i> , 2020, 21, 723.	1.2	6
51	Comparative genomic analysis of <i>Vibrios</i> yields insights into genes associated with virulence towards <i>C. gigas</i> larvae. <i>BMC Genomics</i> , 2020, 21, 599.	1.2	11
52	Hydrocarbon degradation in oily sludge by bacterial consortium assisted with alfalfa (<i>Medicago</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 0,6 15		
53	Contrasting Immunomodulatory Effects of Probiotic and Pathogenic Bacteria on Eastern Oyster, <i>Crassostrea Virginica</i> , Larvae. <i>Vaccines</i> , 2020, 8, 588.	2.1	20
54	Transcriptome analysis of Catarina scallop (<i>Argopecten ventricosus</i>) juveniles treated with highly-diluted immunomodulatory compounds reveals activation of non-self-recognition system. <i>PLoS ONE</i> , 2020, 15, e0233064.	1.1	10

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55	Autophagy Dually Induced by AMP Surplus and Oxidative Stress Enhances Hemocyte Survival and Bactericidal Capacity via AMPK Pathway in <i>Crassostrea hongkongensis</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 411.	1.8	11
56	Identification and Genome Analysis of <i>Vibrio coralliilyticus</i> Causing Mortality of Pacific Oyster (<i>Crassostrea gigas</i>) Larvae. <i>Pathogens</i> , 2020, 9, 206.	1.2	15
57	A proteomic study of resistance to Brown Ring disease in the Manila clam, <i>Ruditapes philippinarum</i> . <i>Fish and Shellfish Immunology</i> , 2020, 99, 641-653.	1.6	14
58	Mechanistic molecular responses of the giant clam <i>Tridacna crocea</i> to <i>Vibrio coralliilyticus</i> challenge. <i>PLoS ONE</i> , 2020, 15, e0231399.	1.1	7
59	Larval Geoduck (<i>Panopea generosa</i>) Proteomic Response to Ciliates. <i>Scientific Reports</i> , 2020, 10, 6042.	1.6	5
60	Pathogenesis of experimental vibriosis in blue mussel (<i>Mytilus edulis</i>) larvae based on accurate positioning of GFP-tagged <i>Vibrio</i> strains and histopathological and ultrastructural changes of the host. <i>Aquaculture</i> , 2021, 535, 736347.	1.7	5
61	Lipid metabolism changes in clam <i>Meretrix petechialis</i> in response to <i>Vibrio</i> infection and the identification of <i>Vibrio</i> -resistance markers. <i>Aquaculture</i> , 2021, 539, 736611.	1.7	11
62	Susceptibility variation to the main pathogens of <i>Crassostrea gigas</i> at the larval, spat and juvenile stages using unselected and selected oysters to OsHV-1 and/or <i>V. aestuarianus</i> . <i>Journal of Invertebrate Pathology</i> , 2021, 183, 107601.	1.5	11
63	Dynamic Immune Response to Vibriosis in Pacific Oyster <i>Crassostrea gigas</i> Larvae during the Infection Process as Supported by Accurate Positioning of GFP-Tagged <i>Vibrio</i> Strains. <i>Microorganisms</i> , 2021, 9, 1523.	1.6	6
64	Can only one physiological trait determinate the adverse effect of green fluorescent protein (GFP) incorporation on <i>Vibrio</i> virulence?. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7899-7912.	1.7	1
65	Histopathological and immunological changes in green mussel, <i>Perna viridis</i> , challenged with <i>Vibrio alginolyticus</i> . <i>Fish and Shellfish Immunology</i> , 2021, 118, 169-179.	1.6	4
66	Combating Parasites: Immune Response and Inflammation. , 2014, , 241-270.		1
67	Factors other than metalloprotease are required for full virulence of French <i>Vibrio tubiashii</i> isolates in oyster larvae. <i>Microbiology (United Kingdom)</i> , 2015, 161, 997-1007.	0.7	24
68	Spatial and Temporal Dynamics of Mass Mortalities in Oysters Is Influenced by Energetic Reserves and Food Quality. <i>PLoS ONE</i> , 2014, 9, e88469.	1.1	84
70	Changes in gluconeogenesis pathways and key genes associated with mass mortality in the clam <i>Meretrix petechialis</i> upon <i>Vibrio</i> infection. <i>Aquaculture</i> , 2022, 548, 737691.	1.7	2
71	Whole genome analysis and specific PCR primer development for <i>Vibrio coralliilyticus</i> , combined with transcription and metabolome analysis of red spotting disease in the sea urchin, <i>Strongylocentrotus intermedius</i> . <i>Aquaculture Reports</i> , 2022, 22, 100957.	0.7	3
72	Comparison of <i>Vibrio coralliilyticus</i> virulence in Pacific oyster larvae and corals. <i>Microbiology (United Kingdom)</i> , 2022, 168, .	0.7	1
73	Bacteriophages improve survival and metamorphosis of larval Pacific oysters (<i>Crassostrea gigas</i>) exposed to <i>Vibrio coralliilyticus</i> strain RE98. <i>Aquaculture</i> , 2022, 555, 738242.	1.7	4

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75	General introduction to pathophysiology of finfish, crustacea, and mollusks. , 2022, , 49-71.		1
76	Lipidomic insights into the immune response and pearl formation in transplanted pearl oyster <i>Pinctada fucata martensii</i> . <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
77	Characterization of the lipidomic profile of clam <i>Meretrix petechialis</i> in response to <i>Vibrio parahaemolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , 2023, 134, 108602.	1.6	1