Lingling Wang

List of Publications by Citations

257 papers	4,987 citations	37 h-index	54 g-index
265 ext. papers	6,639 ext. citations	4 avg, IF	5.74 L-index

#	Paper	IF	Citations
257	Ammonia exposure induces oxidative stress, endoplasmic reticulum stress and apoptosis in hepatopancreas of pacific white shrimp (Litopenaeus vannamei). *Fish and Shellfish Immunology*, **2016**, 54, 523-8	4.3	124
256	The oyster immunity. *Developmental and Comparative Immunology*, **2018**, 80, 99-118	3.2	123
255	The immune system and its modulation mechanism in scallop. *Fish and Shellfish Immunology*, **2015**, 46, 65-78	4.3	117
254	A primitive Toll-like receptor signaling pathway in mollusk Zhikong scallop Chlamys farreri. *Developmental and Comparative Immunology*, **2011**, 35, 511-20	3.2	112
253	Draft genome of the Chinese mitten crab, Eriocheir sinensis. *GigaScience*, **2016**, 5, 5	7.6	84
252	C-type lectin in Chlamys farreri (CfLec-1) mediating immune recognition and opsonization. *PLoS ONE*, **2011**, 6, e17089	3.7	84
251	The specifically enhanced cellular immune responses in Pacific oyster (Crassostrea gigas) against secondary challenge with Vibrio splendidus. *Developmental and Comparative Immunology*, **2014**, 45, 141-50	3.2	81
250	Research progress on the mollusc immunity in China. *Developmental and Comparative Immunology*, **2013**, 39, 2-10	3.2	81
249	Bivalve immunity. *Advances in Experimental Medicine and Biology*, **2010**, 708, 44-65	3.6	75
248	A fibrinogen-related protein from bay scallop Argopecten irradians involved in innate immunity as pattern recognition receptor. *Fish and Shellfish Immunology*, **2009**, 26, 56-64	4.3	74
247	Identification and characterisation of pathogenic Vibrio splendidus from Yesso scallop (Patinopecten yessoensis) cultured in a low temperature environment. *Journal of Invertebrate Pathology*, **2013**, 114, 144-50	2.6	72
246	The second anti-lipopolysaccharide factor (EsALF-2) with antimicrobial activity from Eriocheir sinensis. *Developmental and Comparative Immunology*, **2010**, 34, 945-52	3.2	72
245	A novel C-type lectin from crab Eriocheir sinensis functions as pattern recognition receptor enhancing cellular encapsulation. *Fish and Shellfish Immunology*, **2013**, 34, 832-42	4.3	69
244	Expressed sequence tags from the zhikong scallop (Chlamys farreri): discovery and annotation of host-defense genes. *Fish and Shellfish Immunology*, **2009**, 26, 744-50	4.3	62
243	The granulocytes are the main immunocompetent hemocytes in Crassostrea gigas. *Developmental and Comparative Immunology*, **2017**, 67, 221-228	3.2	61
242	A galectin with quadruple-domain from bay scallop Argopecten irradians is involved in innate immune response. *Developmental and Comparative Immunology*, **2011**, 35, 592-602	3.2	61
241	Peptidoglycan recognition protein of Chlamys farreri (CfPGRP-S1) mediates immune defenses against bacterial infection. *Developmental and Comparative Immunology*, **2010**, 34, 1300-7	3.2	59

240	The modulation of catecholamines to the immune response against bacteria Vibrio anguillarum challenge in scallop Chlamys farreri. *Fish and Shellfish Immunology*, **2011**, 31, 1065-71	4.3	56
239	AiC1qDC-1, a novel gC1q-domain-containing protein from bay scallop Argopecten irradians with fungi agglutinating activity. *Developmental and Comparative Immunology*, **2010**, 34, 837-46	3.2	56
238	An integrin from oyster Crassostrea gigas mediates the phagocytosis toward Vibrio splendidus through LPS binding activity. *Developmental and Comparative Immunology*, **2015**, 53, 253-64	3.2	54
237	An ancient C-type lectin in Chlamys farreri (CfLec-2) that mediate pathogen recognition and cellular adhesion. *Developmental and Comparative Immunology*, **2010**, 34, 1274-82	3.2	53
236	An immune responsive multidomain galectin from bay scallop Argopectens irradians. *Fish and Shellfish Immunology*, **2010**, 28, 326-32	4.3	51
235	A novel C-type lectin (Cflec-3) from Chlamys farreri with three carbohydrate-recognition domains. *Fish and Shellfish Immunology*, **2009**, 26, 707-15	4.3	50
234	A multi-CRD C-type lectin with broad recognition spectrum and cellular adhesion from Argopectenirradians. *Developmental and Comparative Immunology*, **2012**, 36, 591-601	3.2	49
233	Cflec-4, a multidomain C-type lectin involved in immune defense of Zhikong scallop Chlamys farreri. *Developmental and Comparative Immunology*, **2009**, 33, 780-8	3.2	49
232	A single-CRD C-type lectin from oyster Crassostrea gigas mediates immune recognition and pathogen elimination with a potential role in the activation of complement system. *Fish and Shellfish Immunology*, **2015**, 44, 566-75	4.3	48
231	The construction of a cDNA library enriched for immune genes and the analysis of 7535 ESTs from Chinese mitten crab Eriocheir sinensis. *Fish and Shellfish Immunology*, **2009**, 27, 684-94	4.3	47
230	The immunomodulation of a novel tumor necrosis factor (CgTNF-1) in oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2014**, 45, 291-9	3.2	46
229	Molecular characterization and expression of a crustin-like gene from Chinese mitten crab, Eriocheir sinensis. *Developmental and Comparative Immunology*, **2010**, 34, 734-40	3.2	46
228	CgIL17-5, an ancient inflammatory cytokine in Crassostrea gigas exhibiting the heterogeneity functions compared with vertebrate interleukin17 molecules. *Developmental and Comparative Immunology*, **2015**, 53, 339-48	3.2	44
227	The identification and characteristics of immune-related microRNAs in haemocytes of oyster Crassostrea gigas. *PLoS ONE*, **2014**, 9, e88397	3.7	43
226	Caspase-3 serves as an intracellular immune receptor specific for lipopolysaccharide in oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2016**, 61, 1-12	3.2	40
225	A novel C1qDC protein acting as pattern recognition receptor in scallop Argopecten irradians. *Fish and Shellfish Immunology*, **2012**, 33, 427-35	4.3	40
224	Maternal immune transfer in mollusc. *Developmental and Comparative Immunology*, **2015**, 48, 354-9	3.2	38
223	The phenoloxidase activity and antibacterial function of a tyrosinase from scallop Chlamys farreri. *Fish and Shellfish Immunology*, **2012**, 33, 375-81	4.3	38

222	A C1q domain containing protein from scallop Chlamys farreri serving as pattern recognition receptor with heat-aggregated IgG binding activity. *PLoS ONE*, **2012**, 7, e43289	3.7	38
221	The expression of dopa decarboxylase and dopamine beta hydroxylase and their responding to bacterial challenge during the ontogenesis of scallop Chlamys farreri. *Fish and Shellfish Immunology* , **2012**, 33, 67-74	4.3	37
220	A scallop nitric oxide synthase (NOS) with structure similar to neuronal NOS and its involvement in the immune defense. *PLoS ONE*, **2013**, 8, e69158	3.7	37
219	The broad pattern recognition spectrum of the Toll-like receptor in mollusk Zhikong scallop Chlamys farreri. *Developmental and Comparative Immunology*, **2015**, 52, 192-201	3.2	36
218	The Roles of Two miRNAs in Regulating the Immune Response of Sea Cucumber. *Genetics*, **2015**, 201, 1397-410	4	36
217	A new fibrinogen-related protein from Argopecten irradians (AiFREP-2) with broad recognition spectrum and bacteria agglutination activity. *Fish and Shellfish Immunology*, **2014**, 38, 221-9	4.3	36
216	A C1q domain containing protein from Crassostrea gigas serves as pattern recognition receptor and opsonin with high binding affinity to LPS. *Fish and Shellfish Immunology*, **2015**, 45, 583-91	4.3	35
215	A novel scavenger receptor-cysteine-rich (SRCR) domain containing scavenger receptor identified from mollusk mediated PAMP recognition and binding. *Developmental and Comparative Immunology*, **2011**, 35, 227-39	3.2	35
214	A new non-phagocytic TLR6 with broad recognition ligands from Pacific oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2016**, 65, 182-190	3.2	35
213	The simple neuroendocrine-immune regulatory network in oyster Crassostrea gigas mediates complex functions. *Scientific Reports*, **2016**, 6, 26396	4.9	34
212	Crustacean hyperglycemic hormones directly modulate the immune response of hemocytes in shrimp Litopenaeus vannamei. *Fish and Shellfish Immunology*, **2017**, 62, 164-174	4.3	33
211	Identification and functional analysis of a novel IFN-like protein (CgIFNLP) in Crassostrea gigas. *Fish and Shellfish Immunology*, **2015**, 44, 547-54	4.3	32
210	CfLGBP, a pattern recognition receptor in Chlamys farreri involved in the immune response against various bacteria. *Fish and Shellfish Immunology*, **2010**, 29, 825-31	4.3	32
209	Comparative study of two single CRD C-type lectins, CgCLec-4 and CgCLec-5, from pacific oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2016**, 59, 220-232	4.3	31
208	The expression of immune-related genes during the ontogenesis of scallop Chlamys farreri and their response to bacterial challenge. *Fish and Shellfish Immunology*, **2013**, 34, 855-64	4.3	31
207	Pathogen-Derived Carbohydrate Recognition in Molluscs Immune Defense. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	30
206	Acetylcholine modulates the immune response in Zhikong scallop Chlamys farreri. *Fish and Shellfish Immunology*, **2014**, 38, 204-10	4.3	30
205	The neuroendocrine immunomodulatory axis-like pathway mediated by circulating haemocytes in pacific oyster Crassostrea gigas. *Open Biology*, **2017**, 7,	7	30

204	The immunomodulation of inducible nitric oxide in scallop Chlamys farreri. *Fish and Shellfish Immunology*, **2013**, 34, 100-8	4.3	29
203	CfLec-3 from scallop: an entrance to non-self recognition mechanism of invertebrate C-type lectin. *Scientific Reports*, **2015**, 5, 10068	4.9	29
202	A galectin from Eriocheir sinensis functions as pattern recognition receptor enhancing microbe agglutination and haemocytes encapsulation. *Fish and Shellfish Immunology*, **2016**, 55, 10-20	4.3	29
201	A four-CRD C-type lectin from Chlamys farreri mediating nonself-recognition with broader spectrum and opsonization. *Developmental and Comparative Immunology*, **2013**, 39, 363-9	3.2	28
200	Identification and characterization of a serine protease inhibitor Esserpin from the Chinese mitten crab Eriocheir sinensis. *Fish and Shellfish Immunology*, **2013**, 34, 1576-86	4.3	28
199	A Carbonic Anhydrase Serves as an Important Acid-Base Regulator in Pacific Oyster Crassostrea gigas Exposed to Elevated CO: Implication for Physiological Responses of Mollusk to Ocean Acidification. *Marine Biotechnology*, **2017**, 19, 22-35	3.4	27
198	Mutual modulation between norepinephrine and nitric oxide in haemocytes during the mollusc immune response. *Scientific Reports*, **2014**, 4, 6963	4.9	27
197	An EPD/WSD motifs containing C-type lectin from Argopectens irradians recognizes and binds microbes with broad spectrum. *Fish and Shellfish Immunology*, **2015**, 43, 287-93	4.3	27
196	The immunological capacity in the larvae of Pacific oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2016**, 49, 461-9	4.3	26
195	Modulation of haemocyte phagocytic and antibacterial activity by alpha-adrenergic receptor in scallop Chlamys farreri. *Fish and Shellfish Immunology*, **2013**, 35, 825-32	4.3	26
194	The arginine kinase in Zhikong scallop Chlamys farreri is involved in immunomodulation. *Developmental and Comparative Immunology*, **2012**, 37, 270-8	3.2	26
193	The inhibitory role of □aminobutyric acid (GABA) on immunomodulation of Pacific oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2016**, 52, 16-22	4.3	26
192	The hematopoiesis in gill and its role in the immune response of Pacific oyster Crassostrea gigas against secondary challenge with Vibrio splendidus. *Developmental and Comparative Immunology*, **2017**, 71, 59-69	3.2	25
191	The increased transcriptional response and translocation of a Rel/NF-□ homologue in scallop Chlamys farreri during the immune stimulation. *Fish and Shellfish Immunology*, **2013**, 34, 1209-15	4.3	25
190	DM9 Domain Containing Protein Functions As a Pattern Recognition Receptor with Broad Microbial Recognition Spectrum. *Frontiers in Immunology*, **2017**, 8, 1607	8.4	25
189	A dopamine beta hydroxylase from Chlamys farreri and its induced mRNA expression in the haemocytes after LPS stimulation. *Fish and Shellfish Immunology*, **2011**, 30, 154-62	4.3	25
188	The transcriptional response of the Pacific oyster Crassostrea gigas against acute heat stress. *Fish and Shellfish Immunology*, **2017**, 68, 132-143	4.3	24
187	The RNA-seq analysis suggests a potential multi-component complement system in oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2017**, 76, 209-219	3.2	24

186	The immunomodulation mediated by a delta-opioid receptor for [Met(5)]-enkephalin in oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2015**, 49, 217-24	3.2	24
185	The protein expression profile in hepatopancreas of scallop Chlamys farreri under heat stress and Vibrio anguillarum challenge. *Fish and Shellfish Immunology*, **2014**, 36, 252-60	4.3	24
184	The various components implied the diversified Toll-like receptor (TLR) signaling pathway in mollusk Chlamys farreri. *Fish and Shellfish Immunology*, **2018**, 74, 205-212	4.3	23
183	A high mobility group box 1 (HMGB1) gene from Chlamys farreri and the DNA-binding ability and pro-inflammatory activity of its recombinant protein. *Fish and Shellfish Immunology*, **2014**, 36, 393-400	4.3	23
182	A novel phagocytic receptor (CgNimC) from Pacific oyster Crassostrea gigas with lipopolysaccharide and gram-negative bacteria binding activity. *Fish and Shellfish Immunology*, **2015**, 43, 103-10	4.3	23
181	The Neuroendocrine-Immune Regulation in Response to Environmental Stress in Marine Bivalves. *Frontiers in Physiology*, **2018**, 9, 1456	4.6	23
180	An LRR-only protein representing a new type of pattern recognition receptor in Chlamys farreri. *Developmental and Comparative Immunology*, **2016**, 54, 145-55	3.2	22
179	The Cholinergic and Adrenergic Autocrine Signaling Pathway Mediates Immunomodulation in Oyster. *Frontiers in Immunology*, **2018**, 9, 284	8.4	22
178	An opioid growth factor receptor (OGFR) for [Met5]-enkephalin in Chlamys farreri. *Fish and Shellfish Immunology*, **2013**, 34, 1228-35	4.3	22
177	The comprehensive immunomodulation of NeurimmiRs in haemocytes of oyster Crassostrea gigas after acetylcholine and norepinephrine stimulation. *BMC Genomics*, **2015**, 16, 942	4.5	22
176	The immunomodulation of acetylcholinesterase in zhikong scallop Chlamys farreri. *PLoS ONE*, **2012**, 7, e30828	3.7	22
175	Functional characterisation of phagocytes in the Pacific oyster. *PeerJ*, **2016**, 4, e2590	3.1	22
174	A shell-formation related carbonic anhydrase in Crassostrea gigas modulates intracellular calcium against CO exposure: Implication for impacts of ocean acidification on mollusk calcification. *Aquatic Toxicology*, **2017**, 189, 216-228	5.1	21
173	Comparative Transcriptome Analysis of Vibrio splendidus JZ6 Reveals the Mechanism of Its Pathogenicity at Low Temperatures. *Applied and Environmental Microbiology*, **2016**, 82, 2050-2061	4.8	21
172	A cytokine-like factor astakine accelerates the hemocyte production in Pacific oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2016**, 55, 179-87	3.2	21
171	The enkephalinergic nervous system and its immunomodulation on the developing immune system during the ontogenesis of oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2015**, 45, 250-9	4.3	20
170	The characterization of hematopoietic tissue in adult Chinese mitten crab Eriocheir sinensis. *Developmental and Comparative Immunology*, **2016**, 60, 12-22	3.2	20
169	A dopa decarboxylase modulating the immune response of scallop Chlamys farreri. *PLoS ONE*, **2011**, 6, e18596	3.7	20

168	Comparative study of three C1q domain containing proteins from pacific oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2018**, 78, 42-51	3.2	19
167	A CgIFNLP receptor from Crassostrea gigas and its activation of the related genes in human JAK/STAT signaling pathway. *Developmental and Comparative Immunology*, **2016**, 65, 98-106	3.2	18
166	A conserved zinc finger transcription factor GATA involving in the hemocyte production of scallop Chlamys farreri. *Fish and Shellfish Immunology*, **2014**, 39, 125-35	4.3	18
165	Transcriptomic analysis of oyster Crassostrea gigas larvae illustrates the response patterns regulated by catecholaminergic system upon acute heat and bacterial stress. *Developmental and Comparative Immunology*, **2017**, 73, 52-60	3.2	17
164	Repertoire and evolution of TNF superfamily in Crassostrea gigas: implications for expansion and diversification of this superfamily in Mollusca. *Developmental and Comparative Immunology*, **2015**, 51, 251-60	3.2	17
163	Molecular cloning and characterization of a cytoplasmic manganese superoxide dismutase and a mitochondrial manganese superoxide dismutase from Chinese mitten crab Eriocheir sinensis. *Fish and Shellfish Immunology*, **2015**, 47, 407-17	4.3	17
162	The immunomodulation of nicotinic acetylcholine receptor subunits in Zhikong scallop Chlamys farreri. *Fish and Shellfish Immunology*, **2015**, 47, 611-22	4.3	17
161	The cholinergic immune regulation mediated by a novel muscarinic acetylcholine receptor through TNF pathway in oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2016**, 65, 139-148	3.2	17
160	Ocean acidification stimulates alkali signal pathway: A bicarbonate sensing soluble adenylyl cyclase from oyster Crassostrea gigas mediates physiological changes induced by CO exposure. *Aquatic Toxicology*, **2016**, 181, 124-135	5.1	17
159	A novel JNK is involved in immune response by regulating IL expression in oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2018**, 79, 93-101	4.3	17
158	An invertebrate-specific miRNA targeted the ancient cholinergic neuroendocrine system of oyster. *Open Biology*, **2016**, 6,	7	17
157	The transcriptomic expression of pattern recognition receptors: Insight into molecular recognition of various invading pathogens in Oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2019**, 91, 1-7	3.2	17
156	A DM9-containing protein from oyster Crassostrea gigas (CgDM9CP-2) serves as a multipotent pattern recognition receptor. *Developmental and Comparative Immunology*, **2018**, 84, 315-326	3.2	16
155	A conserved interferon regulation factor 1 (IRF-1) from Pacific oyster Crassostrea gigas functioned as an activator of IFN pathway. *Fish and Shellfish Immunology*, **2018**, 76, 68-77	4.3	16
154	A glutamic acid decarboxylase (CgGAD) highly expressed in hemocytes of Pacific oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2016**, 63, 56-65	3.2	16
153	P38 is involved in immune response by regulating inflammatory cytokine expressions in the Pacific oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2019**, 91, 108-114	3.2	16
152	A norepinephrine-responsive miRNA directly promotes CgHSP90AA1 expression in oyster haemocytes during desiccation. *Fish and Shellfish Immunology*, **2017**, 64, 297-307	4.3	15
151	The systematic regulation of oyster CgIL17-1 and CgIL17-5 in response to air exposure. *Developmental and Comparative Immunology*, **2016**, 63, 144-55	3.2	15

150	Transcriptomic and Quantitative Proteomic Analyses Provide Insights Into the Phagocytic Killing of Hemocytes in the Oyster. *Frontiers in Immunology*, **2018**, 9, 1280	8.4	15
149	A novel multi-domain C1qDC protein from Zhikong scallop Chlamys farreri provides new insights into the function of invertebrate C1qDC proteins. *Developmental and Comparative Immunology*, **2015**, 52, 202-14	3.2	15
148	A novel globular C1q domain containing protein (C1qDC-7) from Crassostrea gigas acts as pattern recognition receptor with broad recognition spectrum. *Fish and Shellfish Immunology*, **2019**, 84, 920-926	4.3	15
147	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	4.3	14
146	Cgi-miR-92d indirectly regulates TNF expression by targeting CDS region of lipopolysaccharide-induced TNF-Factor 3 (CgLITAF3) in oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2016**, 55, 577-84	4.3	14
145	The immune responses triggered by CpG ODNs in shrimp Litopenaeus vannamei are associated with LvTolls. *Developmental and Comparative Immunology*, **2014**, 43, 15-22	3.2	14
144	The versatile functions of LRR-only proteins in mollusk Chlamys farreri. *Developmental and Comparative Immunology*, **2017**, 77, 188-199	3.2	14
143	Draft sequencing and analysis of the genome of pufferfish Takifugu flavidus. *DNA Research*, **2014**, 21, 627-37	4.5	14
142	The responsive expression of heat shock protein 22 gene in zhikong scallop Chlamys farreri against a bacterial challenge. *Aquaculture Research*, **2010**, 41, 257-266	1.9	14
141	A novel siglec (CgSiglec-1) from the Pacific oyster (Crassostrea gigas) with broad recognition spectrum and inhibitory activity to apoptosis, phagocytosis and cytokine release. *Developmental and Comparative Immunology*, **2016**, 61, 136-44	3.2	14
140	Glycogen synthase kinase-3 (GSK3) regulates TNF production and haemocyte phagocytosis in the immune response of Chinese mitten crab Eriocheir sinensis. *Developmental and Comparative Immunology*, **2017**, 73, 144-155	3.2	13
139	CLec-HTM-Mediated Signaling Pathway Regulates Lipopolysaccharide-Induced IL-17 and TNF Production in Oyster. *Journal of Immunology*, **2019**, 203, 1845-1856	5.3	13
138	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	3.2	13
137	Conserved hemopoietic transcription factor Cg-SCL delineates hematopoiesis of Pacific oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2016**, 51, 180-188	4.3	13
136	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	3.2	13
135	An inhibitor of apoptosis protein (EsIAP1) from Chinese mitten crab Eriocheir sinensis regulates apoptosis through inhibiting the activity of EsCaspase-3/7-1. *Scientific Reports*, **2019**, 9, 20421	4.9	13
134	The modulation role of serotonin in Pacific oyster Crassostrea gigas in response to air exposure. *Fish and Shellfish Immunology*, **2017**, 62, 341-348	4.3	12
133	Soluble adenylyl cyclase mediates mitochondrial pathway of apoptosis and ATP metabolism in oyster Crassostrea gigas exposed to elevated CO. *Fish and Shellfish Immunology*, **2017**, 66, 140-147	4.3	12

132	Two short peptidoglycan recognition proteins from Crassostrea gigas with similar structure exhibited different PAMP binding activity. *Developmental and Comparative Immunology*, **2017**, 70, 9-18	3.2	12
131	The transcriptional response of the Pacific oyster Crassostrea gigas under simultaneous bacterial and heat stresses. *Developmental and Comparative Immunology*, **2019**, 94, 1-10	3.2	12
130	CpG ODNs induced autophagy via reactive oxygen species (ROS) in Chinese mitten crab, Eriocheir sinensis. *Developmental and Comparative Immunology*, **2015**, 52, 1-9	3.2	12
129	The cytochemical and ultrastructural characteristics of phagocytes in the Pacific oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2016**, 55, 490-8	4.3	12
128	The modulation of haemolymph arginine kinase on the extracellular ATP induced bactericidal immune responses in the Pacific oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2016**, 54, 282-93	4.3	12
127	The modulation of catecholamines on immune response of scallop Chlamys farreri under heat stress. *General and Comparative Endocrinology*, **2014**, 195, 116-24	3	12
126	The promotion of cytoskeleton integration and redox in the haemocyte of shrimp Litopenaeus vannamei after the successive stimulation of recombinant VP28. *Developmental and Comparative Immunology*, **2014**, 45, 123-32	3.2	12
125	The involvement of suppressor of cytokine signaling 6 (SOCS6) in immune response of Chinese mitten crab Eriocheir sinensis. *Fish and Shellfish Immunology*, **2018**, 72, 502-509	4.3	12
124	A novel effector caspase (Caspase-3/7-1) involved in the regulation of immune homeostasis in Chinese mitten crab Eriocheir sinensis. *Fish and Shellfish Immunology*, **2018**, 83, 76-83	4.3	12
123	Metabolomic and transcriptomic profiling reveals the alteration of energy metabolism in oyster larvae during initial shell formation and under experimental ocean acidification. *Scientific Reports*, **2020**, 10, 6111	4.9	11
122	CgA1AR-1 acts as an alpha-1 adrenergic receptor in oyster Crassostrea gigas mediating both cellular and humoral immune response. *Fish and Shellfish Immunology*, **2016**, 58, 50-58	4.3	11
121	Transcriptional activation and translocation of ancient NOS during immune response. *FASEB Journal*, **2016**, 30, 3527-3540	0.9	11
120	The categorization and mutual modulation of expanded MyD88s in Crassostrea gigas. *Fish and Shellfish Immunology*, **2016**, 54, 118-27	4.3	11
119	The self-activation and LPS binding activity of executioner caspase-1 in oyster Crassostrea gigas. *Developmental and Comparative Immunology*, **2017**, 77, 330-339	3.2	11
118	The essential roles of core binding factors CfRunt and CfCBFβ in hemocyte production of scallop Chlamys farreri. *Developmental and Comparative Immunology*, **2014**, 44, 291-302	3.2	11
117	A monoamine oxidase from scallop Chlamys farreri serving as an immunomodulator in response against bacterial challenge. *Developmental and Comparative Immunology*, **2011**, 35, 799-807	3.2	11
116	AP-1 regulates the expression of IL17-4 and IL17-5 in the pacific oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2020**, 97, 554-563	4.3	11
115	CgRel involved in antibacterial immunity by regulating the production of CgIL17s and CgBigDef1 in the Pacific oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2020**, 97, 474-482	4.3	11

114	The immunomodulatory function of invertebrate specific neuropeptide FMRFamide in oyster Crassostrea gigas. *Fish and Shellfish Immunology*, **2019**, 88, 480-488	4.3	10
113	The modulation of extracellular superoxide dismutase in the specifically enhanced cellular immune response against secondary challenge of Vibrio splendidus in Pacific oyster (Crassostrea gigas). *Developmental and Comparative Immunology*, **2016**, 63, 163-70	3.2	10
112	A single-CRD C-type lectin (CgCLec-3) with novel DIN motif exhibits versatile immune functions in Crassostrea gigas. *Fish and Shellfish Immunology*, **2019**, 92, 772-781	4.3	10
111	The Dicer from oyster Crassostrea gigas functions as an intracellular recognition molecule and effector in anti-viral immunity. *Fish and Shellfish Immunology*, **2019**, 95, 584-594	4.3	10
110	A low-density lipoprotein receptor-related protein (LRP)-like molecule identified from Chlamys farreri participated in immune response against bacterial infection. *Fish and Shellfish Immunology*, **2014**, 36, 336-43	4.3	10
109	The cyclin-dependent kinase 2 (CDK2) mediates hematopoiesis through G1-to-S transition in Chinese mitten crab Eriocheir sinensis. *Developmental and Comparative Immunology*, **2018**, 81, 156-166	3.2	10
108	A novel ubiquitin-protein ligase E3 functions as a modulator of immune response against lipopolysaccharide in Pacific oyster, Crassostrea gigas. *Developmental and Comparative Immunology* , **2016**, 60, 180-90	3.2	10
107	The modulation of Smac/DIABLO on mitochondrial apoptosis induced by LPS in Crassostrea gigas. *Fish and Shellfish Immunology*, **2019**, 84, 587-598	4.3	10
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