

# Qun Wang

## List of Publications by Citations

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#	Paper	IF	Citations
115	Assembly of 500,000 inter-specific catfish expressed sequence tags and large scale gene-associated marker development for whole genome association studies. <i>Genome Biology</i> , <b>2010</b> , 11, R8	18.3	79
114	Transcriptome profiling of testis during sexual maturation stages in <i>Eriocheir sinensis</i> using Illumina sequencing. <i>PLoS ONE</i> , <b>2012</b> , 7, e33735	3.7	66
113	Genomic organization, gene duplication, and expression analysis of interleukin-1beta in channel catfish ( <i>Ictalurus punctatus</i> ). <i>Molecular Immunology</i> , <b>2006</b> , 43, 1653-64	4.3	65
112	Characterization of a NK-lysin antimicrobial peptide gene from channel catfish. <i>Fish and Shellfish Immunology</i> , <b>2006</b> , 20, 419-26	4.3	63
111	Functional annotation and analysis of expressed sequence tags from the hepatopancreas of mitten crab ( <i>Eriocheir sinensis</i> ). <i>Marine Biotechnology</i> , <b>2009</b> , 11, 317-26	3.4	62
110	NK-lysin of channel catfish: gene triplication, sequence variation, and expression analysis. <i>Molecular Immunology</i> , <b>2006</b> , 43, 1676-86	4.3	62
109	Comparative transcriptome analysis of the accessory sex gland and testis from the Chinese mitten crab ( <i>Eriocheir sinensis</i> ). <i>PLoS ONE</i> , <b>2013</b> , 8, e53915	3.7	49
108	A Frizzled-Like Cysteine-Rich Domain in Glypican-3 Mediates Wnt Binding and Regulates Hepatocellular Carcinoma Tumor Growth in Mice. <i>Hepatology</i> , <b>2019</b> , 70, 1231-1245	11.2	48
107	Immunoglobulin superfamily protein Dscam exhibited molecular diversity by alternative splicing in hemocytes of crustacean, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 900-9	4.3	46
106	Persistent Polyfunctional Chimeric Antigen Receptor T Cells That Target Glypican 3 Eliminate Orthotopic Hepatocellular Carcinomas in Mice. <i>Gastroenterology</i> , <b>2020</b> , 158, 2250-2265.e20	13.3	45
105	Discovery of immune-related genes in Chinese mitten crab ( <i>Eriocheir sinensis</i> ) by expressed sequence tag analysis of haemocytes. <i>Aquaculture</i> , <b>2009</b> , 287, 297-303	4.4	45
104	Molecular cloning, characterization, expression and activity analysis of cathepsin L in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 1010-8	4.3	41
103	Two antibacterial C-type lectins from crustacean, <i>Eriocheir sinensis</i> , stimulated cellular encapsulation in vitro. <i>Developmental and Comparative Immunology</i> , <b>2013</b> , 41, 544-52	3.2	40
102	Effects of white spot syndrome virus infection on immuno-enzyme activities and ultrastructure in gills of <i>Cherax quadricarinatus</i> . <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 32, 645-50	4.3	37
101	Antimicrobial functions of EsLeCH, a C-type lectin, via JNK pathway in the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 61, 225-35	3.2	37
100	Two novel Toll genes (EsToll1 and EsToll2) from <i>Eriocheir sinensis</i> are differentially induced by lipopolysaccharide, peptidoglycan and zymosan. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 1282-92	4.3	36
99	Two novel short C-type lectin from Chinese mitten crab, <i>Eriocheir sinensis</i> , are induced in response to LPS challenged. <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 1149-58	4.3	36

98	Association of a hepatopancreas-specific C-type lectin with the antibacterial response of <i>Eriocheir sinensis</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e76132	3.7	36
97	Pathogen-Specific Binding Soluble Down Syndrome Cell Adhesion Molecule (Dscam) Regulates Phagocytosis Membrane-Bound Dscam in Crab. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 801	8.4	34
96	A transcriptome analysis of mitten crab testes ( <i>Eriocheir sinensis</i> ). <i>Genetics and Molecular Biology</i> , <b>2011</b> , 34, 136-41	2	34
95	Biochemical compositions and digestive enzyme activities during the embryonic development of prawn, <i>Macrobrachium rosenbergii</i> . <i>Aquaculture</i> , <b>2006</b> , 253, 573-582	4.4	34
94	A novel C-type lectin from <i>Eriocheir sinensis</i> functions as a pattern recognition receptor with antibacterial activity. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 1554-65	4.3	32
93	Molecular cloning and tissue expression of the fatty acid-binding protein (Es-FABP) gene in female Chinese mitten crab ( <i>Eriocheir sinensis</i> ). <i>BMC Molecular Biology</i> , <b>2010</b> , 11, 71	4.5	30
92	Caspase-mediated apoptosis in crustaceans: cloning and functional characterization of EsCaspase-3-like protein from <i>Eriocheir</i> . <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 41, 625-32	4.3	28
91	Molecular cloning, characterization and expression analysis of two apoptosis genes, caspase and nm23, involved in the antibacterial response in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 263-72	4.3	28
90	A single CRD C-type lectin from <i>Eriocheir sinensis</i> (EsLecB) with microbial-binding, antibacterial prophenoloxidase activation and hem-encapsulation activities. <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 50, 175-90	4.3	27
89	Chasing relationships between nutrition and reproduction: A comparative transcriptome analysis of hepatopancreas and testis from <i>Eriocheir sinensis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2009</b> , 4, 227-34	2	25
88	Seasonal bioconcentration of heavy metals in <i>Onchidium struma</i> (Gastropoda: Pulmonata) from Chongming Island, the Yangtze Estuary, China. <i>Journal of Environmental Sciences</i> , <b>2009</b> , 21, 255-62	6.4	24
87	A double WAP domain-containing protein Es-DWD1 from <i>Eriocheir sinensis</i> exhibits antimicrobial and proteinase inhibitory activities. <i>PLoS ONE</i> , <b>2013</b> , 8, e73563	3.7	24
86	Characterisation of a novel Type I crustin involved in antibacterial and antifungal responses in the red claw crayfish, <i>Cherax quadricarinatus</i> . <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 48, 30-8	4.3	23
85	Fatty acid binding proteins FABP9 and FABP10 participate in antibacterial responses in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e54053	3.7	23
84	Morphological alterations of all stages of spermatogenesis and acrosome reaction in Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Cell and Tissue Research</i> , <b>2015</b> , 360, 401-12	4.2	22
83	Characterization of heat shock protein 70 in the red claw crayfish ( <i>Cherax quadricarinatus</i> ): evidence for its role in regulating spermatogenesis. <i>Gene</i> , <b>2012</b> , 492, 138-47	3.8	22
82	Identification of <i>Channa</i> species using the partial cytochrome c oxidase subunit I (COI) gene as a DNA barcoding marker. <i>Biochemical Systematics and Ecology</i> , <b>2013</b> , 51, 117-122	1.4	21
81	Toxic effects of copper on antioxidative and metabolic enzymes of the marine gastropod, <i>Onchidium struma</i> . <i>Archives of Environmental Contamination and Toxicology</i> , <b>2009</b> , 56, 776-84	3.2	21

80	P38 participates in spermatogenesis and acrosome reaction prior to fertilization in Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Gene</i> , <b>2015</b> , 559, 103-11	3.8	20
79	Alternatively spliced down syndrome cell adhesion molecule (Dscam) controls innate immunity in crab. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 16440-16450	5.4	19
78	Expression characteristics of two ubiquitin/ribosomal fusion protein genes in the developing testis, accessory gonad and ovary of Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 6683-92	2.8	19
77	Molecular cloning, characterization and expression analysis of cathepsin A gene in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Peptides</i> , <b>2011</b> , 32, 518-25	3.8	19
76	Lipopolysaccharide and beta-1, 3-glucan binding protein (LGBP) stimulates prophenoloxidase activating system in Chinese mitten crab ( <i>Eriocheir sinensis</i> ). <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 61, 70-9	3.2	18
75	Characterization of the vasa gene in the Chinese mitten crab <i>Eriocheir sinensis</i> : a germ line molecular marker. <i>Journal of Insect Physiology</i> , <b>2012</b> , 58, 960-5	2.4	18
74	Effects of dietary soybean lecithin on gonadal development and vitellogenin mRNA expression in the female redclaw crayfish <i>Cherax quadricarinatus</i> (von Martens) at first maturation. <i>Aquaculture Research</i> , <b>2013</b> , 44, 1167-1176	1.9	18
73	A novel <i>Eriocheir sinensis</i> primary hemocyte culture technique and its immunoreactivity after pathogen stimulation. <i>Aquaculture</i> , <b>2015</b> , 446, 140-147	4.4	17
72	Cloning, characterization, expression, and copper sensitivity of the metallothionein-1 gene in the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Molecular Biology Reports</i> , <b>2011</b> , 38, 2383-93	2.8	17
71	A class B scavenger receptor from <i>Eriocheir sinensis</i> (EsSR-B1) restricts bacteria proliferation by promoting phagocytosis. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 70, 426-436	4.3	16
70	FOXL2 down-regulates vitellogenin expression at mature stage in <i>Eriocheir sinensis</i> . <i>Bioscience Reports</i> , <b>2015</b> , 35,	4.1	16
69	Molecular cloning, characterization and expression analysis of macrophage migration inhibitory protein (MIF) in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 324-9	4.3	16
68	Molecular cloning and gene expression analysis of the leptin receptor in the Chinese mitten crab <i>Eriocheir sinensis</i> . <i>PLoS ONE</i> , <b>2010</b> , 5, e11175	3.7	16
67	Profiling microRNAs in the testis during sexual maturation stages in <i>Eriocheir sinensis</i> . <i>Animal Reproduction Science</i> , <b>2015</b> , 162, 52-61	2.1	15
66	High-Quality Genome Assembly of Reveals Its Unique Genome Evolution. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1340	4.5	14
65	Role of transglutaminase in immune defense against bacterial pathogens via regulation of antimicrobial peptides. <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 55, 39-50	3.2	14
64	Expression characteristics of the SUMOylation genes SUMO-1 and Ubc9 in the developing testis and ovary of Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Gene</i> , <b>2012</b> , 501, 135-43	3.8	14
63	Molecular cloning and tissue expression of the fatty acid-binding protein (Es-FABP9) gene in the reproduction seasons of Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Molecular Biology Reports</i> , <b>2011</b> , 38, 5169-77	2.8	14

62	The complete mitochondrial genome of <i>Channa argus</i> , <i>Channa maculata</i> and hybrid snakehead fish [ <i>Channa maculata</i> (?) [ <i>Channa argus</i> (?)]. <i>Mitochondrial DNA</i> , <b>2013</b> , 24, 217-8		13
61	Cathepsin A protein from the accessory sex gland of the Chinese mitten crab ( <i>Eriocheir sinensis</i> ) plays a key role in spermatophore digestion. <i>Journal of Insect Physiology</i> , <b>2013</b> , 59, 953-60	2.4	13
60	Fatty acid binding protein FABP3 from Chinese mitten crab <i>Eriocheir sinensis</i> participates in antimicrobial responses. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 43, 264-74	4.3	13
59	Molecular cloning and expression analysis of a dorsal homologue from <i>Eriocheir sinensis</i> . <i>Developmental and Comparative Immunology</i> , <b>2013</b> , 41, 723-7	3.2	13
58	The effect of dietary zinc supplementation on the growth, hepatopancreas fatty acid composition and gene expression in the Chinese mitten crab, <i>Eriocheir sinensis</i> (H. Milne-Edwards) (Decapoda: Grapsidae). <i>Aquaculture Research</i> , <b>2010</b> , 41, e828-e837	1.9	13
57	Antimicrobial activity of a novel hypervariable immunoglobulin domain-containing receptor Dscam in <i>Cherax quadricarinatus</i> . <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 47, 766-76	4.3	12
56	Deleted in azoospermia-associated protein 2 regulates innate immunity by stimulating Hippo signaling in crab. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 14704-14716	5.4	12
55	Involvement of the single Cul4 gene of Chinese mitten crab <i>Eriocheir sinensis</i> in spermatogenesis. <i>Gene</i> , <b>2014</b> , 536, 9-17	3.8	12
54	Reproductive function of Selenoprotein M in Chinese mitten crabs ( <i>Eriocheir sinensis</i> ). <i>Peptides</i> , <b>2012</b> , 34, 168-76	3.8	12
53	Accessory Sex Gland Proteins Affect Spermatophore Digestion Rate and Spermatozoa Acrosin Activity in <i>Eriocheir sinensis</i> . <i>Journal of Crustacean Biology</i> , <b>2010</b> , 30, 435-440	0.8	12
52	Molecular cloning, characterization and expression analysis of cathepsin C gene involved in the antibacterial response in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Developmental and Comparative Immunology</i> , <b>2010</b> , 34, 1170-4	3.2	12
51	ERK is involved in the process of acrosome reaction in vitro of the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Marine Biotechnology</i> , <b>2015</b> , 17, 305-16	3.4	11
50	Nutritional Requirement of the Chinese Mitten-handed Crab <i>Eriocheir sinensis</i> Juvenile for Arginine and Lysine. <i>Journal of the World Aquaculture Society</i> , <b>2005</b> , 36, 515-520	2.5	11
49	Identification of ADAM10 and ADAM17 with potential roles in the spermatogenesis of the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Gene</i> , <b>2015</b> , 562, 117-27	3.8	10
48	Characterization and expression analysis of serpins in the Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Gene</i> , <b>2016</b> , 575, 632-40	3.8	10
47	Identification and characterization of Tube in the Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Gene</i> , <b>2014</b> , 541, 41-50	3.8	10
46	Vitellogenin regulates antimicrobial responses in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 69, 6-14	4.3	10
45	Large-scale isolation of microsatellites from Chinese Mitten Crab <i>Eriocheir sinensis</i> via a Solexa Genomic Survey. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 16333-45	6.3	10

44	Characterization of <i>Cherax quadricarinatus</i> prohibitin and its potential role in spermatogenesis. <i>Gene</i> , <b>2013</b> , 519, 318-25	3.8	9
43	Biochemical changes during vitellogenesis in the red claw crayfish, <i>Cherax quadricarinatus</i> (von Martens). <i>Aquaculture Research</i> , <b>2010</b> , 41, e446	1.9	9
42	A novel DDX5 gene in the freshwater crayfish <i>Cherax quadricarinatus</i> is highly expressed during ontogenesis and spermatogenesis. <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 3963-75	1.2	9
41	Molecular cloning and characterization of p38 gene in the Chinese Mitten Crab, <i>Eriocheir sinensis</i> . <i>Aquaculture Research</i> , <b>2016</b> , 47, 1353-1363	1.9	8
40	Cloning and tissue expression of hemocyanin gene in <i>Cherax quadricarinatus</i> during white spot syndrome virus infection. <i>Aquaculture</i> , <b>2013</b> , 410-411, 216-224	4.4	8
39	Analysis and comparison of a set of expressed sequence tags of the parthenogenetic water flea <i>Daphnia carinata</i> . <i>Molecular Genetics and Genomics</i> , <b>2009</b> , 282, 197-203	3.1	8
38	JAK/STAT signalling regulates antimicrobial activities in <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 84, 491-501	4.3	8
37	A novel TCTP gene from the crustacean <i>Eriocheir sinensis</i> : possible role involving metallic Cu <sup>2+</sup> stress. <i>Biological Bulletin</i> , <b>2011</b> , 221, 290-9	1.5	7
36	Features of an intersex Chinese mitten crab, <i>Eriocheir Japonica Sinensis</i> (Decapoda, Brachyura). <i>Crustaceana</i> , <b>2005</b> , 78, 371-377	0.4	7
35	Fatty acid binding protein regulate antimicrobial function via Toll signaling in Chinese mitten crab. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 63, 9-17	4.3	6
34	B52 promotes alternative splicing of Dscam in Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 87, 460-469	4.3	6
33	The E3 Ubiquitin Ligase CRL4 Regulates Proliferation and Progression Through Meiosis in Chinese Mitten Crab <i>Eriocheir sinensis</i> . <i>Biology of Reproduction</i> , <b>2016</b> , 94, 65	3.9	6
32	Rab7 controls innate immunity by regulating phagocytosis and antimicrobial peptide expression in Chinese mitten crab. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 95, 259-267	4.3	6
31	Differentially Expressed Genes During Accessory Sex Gland Seasonal Development in <i>Eriocheir sinensis</i> . <i>Journal of Crustacean Biology</i> , <b>2010</b> , 30, 93-100	0.8	6
30	A class B scavenger receptor mediates antimicrobial peptide secretion and phagocytosis in Chinese mitten crab ( <i>Eriocheir sinensis</i> ). <i>Developmental and Comparative Immunology</i> , <b>2020</b> , 103, 103496	3.2	6
29	Characterization of the Es-DDX52 involved in the spermatogonial mitosis and spermatid differentiation in Chinese mitten crab ( <i>Eriocheir sinensis</i> ). <i>Gene</i> , <b>2018</b> , 646, 106-119	3.8	5
28	Genetic diversity in three redclaw crayfish ( <i>Cherax quadricarinatus</i> , von Martens) lines developed in culture in China. <i>Aquaculture Research</i> , <b>2012</b> , 43, 75-83	1.9	5
27	Genetic diversity based on SSR analysis of the cultured snakehead fish, <i>Channa argus</i> , (Channidae) in China. <i>Genetics and Molecular Research</i> , <b>2014</b> , 13, 8046-54	1.2	4

26	Characterization and expression of DDX6 during gametogenesis in the Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Genetics and Molecular Research</i> , <b>2015</b> , 14, 4420-37	1.2	4
25	Molecular characterization and sub-cellular distribution of JNK and JIP4 protein kinases in spermatogenesis and acrosome reaction of the Chinese mitten crab <i>Eriocheir sinensis</i> H. Milne Edwards, 1853 (Crustacea: Brachyura: Varunidae). <i>Journal of Crustacean Biology</i> , <b>2016</b> , 36, 684-694	0.8	4
24	An ancient interleukin-16-like molecule regulates hemocyte proliferation via integrin $\beta$ in invertebrates. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 100943	5.4	4
23	A core component of the CUL4 ubiquitin ligase complexes, DDB1, regulates spermatogenesis in the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Gene</i> , <b>2017</b> , 601, 11-20	3.8	3
22	Transcriptome-wide analysis of immune responses in <i>Eriocheir sinensis</i> hemocytes after challenge with different microbial derivatives. <i>Developmental and Comparative Immunology</i> , <b>2019</b> , 101, 103457	3.2	3
21	EsGPCR89 regulates cerebral antimicrobial peptides through hemocytes in <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 95, 151-162	4.3	3
20	Characteristic of PGDS potential regulation role on spermatogenesis in the Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Gene</i> , <b>2014</b> , 543, 244-52	3.8	3
19	Isolation and characterization of fifteen microsatellite loci from the redclaw crayfish, <i>Cherax quadricarinatus</i> . <i>Aquatic Living Resources</i> , <b>2010</b> , 23, 231-234	1.5	3
18	Bacteria-induced IMD-Relish-AMPs pathway activation in Chinese mitten crab. <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 106, 866-875	4.3	3
17	Iron regulatory protein is involved in the immune defense of the Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 89, 632-640	4.3	2
16	GSK3 $\beta$ s involved in the spermatogenesis of the Chinese mitten crab <i>Eriocheir sinensis</i> H. Milne Edwards, 1853. <i>Crustaceana</i> , <b>2016</b> , 89, 559-581	0.4	2
15	Caspase and nm23: apoptosis genes linked to the antibacterial response of the Chinese mitten crab. <i>Bioengineered Bugs</i> , <b>2011</b> , 2, 174-7		2
14	A Catalog of Proteins Expressed in the AG Secreted Fluid during the Mature Phase of the Chinese Mitten Crabs ( <i>Eriocheir sinensis</i> ). <i>PLoS ONE</i> , <b>2015</b> , 10, e0136266	3.7	2
13	Down Syndrome Cell Adhesion Molecule Triggers Membrane-to-Nucleus Signaling-Regulated Hemocyte Proliferation against Bacterial Infection in Invertebrates. <i>Journal of Immunology</i> , <b>2021</b> , 207, 2265-2277	5.3	2
12	Identification of proteins from the accessory sex gland of <i>Eriocheir sinensis</i> by two-dimensional electrophoresis and mass spectrometry. <i>Invertebrate Reproduction and Development</i> , <b>2009</b> , 53, 145-153	0.7	1
11	Vitellogenin receptor expression in ovaries controls innate immunity in the Chinese mitten crab ( <i>Eriocheir sinensis</i> ) by regulating vitellogenin accumulation in the hemolymph. <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 107, 480-489	4.3	1
10	NEDD8-conjugated Cullin4 positive regulates antimicrobial peptides expression in <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 84, 1041-1049	4.3	1
9	Recent progress in the research of exosomes and Dscam regulated crab antiviral immunity. <i>Developmental and Comparative Immunology</i> , <b>2021</b> , 116, 103925	3.2	1

8	Distinct vitellogenin domains differentially regulate immunological outcomes in invertebrates. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100060	5.4	1
7	Expression pattern and functional analysis of the two RING box protein RBX in spermatogenesis of Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Gene</i> , <b>2018</b> , 668, 237-245	3.8	1
6	Immunological functional differentiation of two transmembrane variants of Dscam in Chinese mitten crab. <i>Developmental and Comparative Immunology</i> , <b>2021</b> , 128, 104313	3.2	0
5	A novel ML protein functions as a pattern recognition protein in antibacterial responses in <i>Eriocheir sinensis</i> . <i>Developmental and Comparative Immunology</i> , <b>2022</b> , 127, 104310	3.2	0
4	FADD regulates antibacterial immune responses via the immune deficiency signaling pathway in the Chinese mitten crab. <i>Developmental and Comparative Immunology</i> , <b>2021</b> , 128, 104326	3.2	0
3	Leptin is involved in acrosome reaction by facilitating activation of MAPK cascades in the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Animal Biology</i> , <b>2020</b> , 70, 81-95	0.7	
2	Transcriptome-wide analysis of cellular immune response stimulated by nuclear input of different down syndrome cell adhesion molecule intracellular domains.. <i>Developmental and Comparative Immunology</i> , <b>2022</b> , 130, 104350	3.2	
1	Suppressed COP9 signalosome 5 promotes hemocyte proliferation through Cyclin E in the early G1 phase to defend against bacterial infection in crab.. <i>FASEB Journal</i> , <b>2022</b> , 36, e22321	0.9	