Chenghua Li

List of Publications by Year
in descending order

98 papers	3,848 citations	101543 36 h-index	144013 57 g-index
99 all docs	99 docs citations	99 times ranked	3040 citing authors

#	Article	IF	Citations
1	The molecular mechanisms of copper metabolism and its roles in human diseases. Pflugers Archiv European Journal of Physiology, 2020, 472, 1415-1429.	2.8	167
2	Molecular cloning, expression of a big defensin gene from bay scallop Argopecten irradians and the antimicrobial activity of its recombinant protein. Molecular Immunology, 2007, 44, 360-368.	2.2	149
3	Molecular cloning of an invertebrate goose-type lysozyme gene from Chlamys farreri, and lytic activity of the recombinant protein. Molecular Immunology, 2007, 44, 1198-1208.	2.2	146
4	A novel C1q-domain-containing protein from Zhikong scallop Chlamys farreri with lipopolysaccharide binding activity. Fish and Shellfish Immunology, 2008, 25, 281-289.	3.6	137
5	Cloning and characterization of a novel C-type lectin from Zhikong scallop Chlamys farreri. Molecular Immunology, 2007, 44, 722-731.	2.2	135
6	Characterization of skin ulceration syndrome associated microRNAs in sea cucumber Apostichopus japonicus by deep sequencing. Fish and Shellfish Immunology, 2012, 33, 436-441.	3.6	114
7	Advances, challenges, and directions in shrimp disease control: the guidelines from an ecological perspective. Applied Microbiology and Biotechnology, 2016, 100, 6947-6954.	3.6	107
8	Exploiting Quorum Sensing Interfering Strategies in Gram-Negative Bacteria for the Enhancement of Environmental Applications. Frontiers in Microbiology, 2015, 6, 1535.	3.5	106
9	Molecular cloning, genomic organization and functional analysis of an anti-lipopolysaccharide factor from Chinese mitten crab Eriocheir sinensis. Developmental and Comparative Immunology, 2008, 32, 784-794.	2.3	95
10	Differential toxicological effects induced by mercury in gills from three pedigrees of Manila clam Ruditapes philippinarum by NMR-based metabolomics. Ecotoxicology, 2011, 20, 177-186.	2.4	89
11	A prophenoloxidase from the Chinese mitten crab Eriocheir sinensis: Gene cloning, expression and activity analysis. Fish and Shellfish Immunology, 2008, 24, 156-167.	3.6	88
12	Molecular cloning and characterization of a catalase gene from Zhikong scallop Chlamys farreri. Fish and Shellfish Immunology, 2008, 24, 26-34.	3.6	85
13	Cloning and characterization of a novel C-type lectin gene from shrimp Litopenaeus vannamei. Fish and Shellfish Immunology, 2009, 26, 183-192.	3.6	82
14	Preliminary study on a potential antibacterial peptide derived from histone H2A in hemocytes of scallop Chlamys farreri. Fish and Shellfish Immunology, 2007, 22, 663-672.	3.6	75
15	Molecular Characterization of a Novel Big Defensin from Clam Venerupis philippinarum. PLoS ONE, 2010, 5, e13480.	2.5	72
16	A double dealing tale of p63: an oncogene or a tumor suppressor. Cellular and Molecular Life Sciences, 2018, 75, 965-973.	5.4	71
17	Molecular cloning and characterization of a thioester-containing protein from Zhikong scallop Chlamys farreri. Molecular Immunology, 2007, 44, 3492-3500.	2.2	69
18	Toxicological responses to acute mercury exposure for three species of Manila clam Ruditapes philippinarum by NMR-based metabolomics. Environmental Toxicology and Pharmacology, 2011, 31, 323-332.	4.0	69

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19	De Novo Assembly of the Sea Cucumber Apostichopus japonicus Hemocytes Transcriptome to Identify miRNA Targets Associated with Skin Ulceration Syndrome. PLoS ONE, 2013, 8, e73506.	2.5	66
20	A lectin (CfLec-2) aggregating Staphylococcus haemolyticus from scallop Chlamys farreri. Fish and Shellfish Immunology, 2008, 24, 286-293.	3.6	63
21	Metabolomic responses of sea cucumber Apostichopus japonicus to thermal stresses. Aquaculture, 2015, 435, 390-397.	3.5	60
22	Molecular cloning and characterization of peroxiredoxin 6 from Chinese mitten crab Eriocheir sinensis. Fish and Shellfish Immunology, 2009, 26, 821-827.	3.6	58
23	Identification and characterization of miR-92a and its targets modulating Vibrio splendidus challenged Apostichopus japonicus. Fish and Shellfish Immunology, 2014, 38, 383-388.	3.6	58
24	Two adaptor molecules of MyD88 and TRAF6 in Apostichopus japonicus Toll signaling cascade: Molecular cloning and expression analysis. Developmental and Comparative Immunology, 2013, 41, 498-504.	2.3	55
25	iTRAQ-Based Proteomics Reveals Novel Members Involved in Pathogen Challenge in Sea Cucumber Apostichopus japonicus. PLoS ONE, 2014, 9, e100492.	2.5	53
26	Identification and characterization of an intracellular Cu, Zn-superoxide dismutase (icCu/Zn-SOD) gene from clam Venerupis philippinarum. Fish and Shellfish Immunology, 2010, 28, 499-503.	3.6	52
27	Cloning and characterization of an invertebrate type lysozyme from Venerupis philippinarum. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 156, 56-60.	1.6	47
28	Divergent Metabolic Responses of Apostichopus japonicus Suffered from Skin Ulceration Syndrome and Pathogen Challenge. Journal of Agricultural and Food Chemistry, 2013, 61, 10766-10771.	5.2	46
29	Cloning and characterization of allograft inflammatory factor-1 (AIF-1) from manila clam Venerupis philippinarum. Fish and Shellfish Immunology, 2011, 30, 148-153.	3.6	45
30	MiR-31 modulates coelomocytes ROS production via targeting p105 in Vibrio splendidus challenged sea cucumber Apostichopus japonicus inÂvitro and inÂvivo. Fish and Shellfish Immunology, 2015, 45, 293-299.	3.6	44
31	The Roles of Two miRNAs in Regulating the Immune Response of Sea Cucumber. Genetics, 2015, 201, 1397-1410.	2.9	44
32	Inhibition of marine Vibrio sp. by pyoverdine from Pseudomonas aeruginosa PA1. Journal of Hazardous Materials, 2016, 302, 217-224.	12.4	44
33	Molecular cloning and expression of a novel Kazal-type serine proteinase inhibitor gene from Zhikong scallop Chlamys farreri, and the inhibitory activity of its recombinant domain. Fish and Shellfish Immunology, 2008, 24, 629-637.	3.6	43
34	The Metal Chelating and Chaperoning Effects of Clioquinol: Insights from Yeast Studies. Journal of Alzheimer's Disease, 2010, 21, 1249-1262.	2.6	41
35	Characterization of two negative regulators of the Toll-like receptor pathway in Apostichopus japonicus: Inhibitor of NF-Î¹B and Toll-interacting protein. Fish and Shellfish Immunology, 2013, 35, 1663-1669.	3.6	41
36	Regulation of p63 Protein Stability via Ubiquitin-Proteasome Pathway. BioMed Research International, 2014, 2014, 1-8.	1.9	40

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37	Copper metabolism in Saccharomyces cerevisiae: an update. BioMetals, 2021, 34, 3-14.	4.1	39
38	Characterisation of immune-related gene expression in clam (VenerupisÂphilippinarum) under exposure to di(2-ethylhexyl) phthalate. Fish and Shellfish Immunology, 2013, 34, 142-146.	3.6	37
39	Cloning and characterization of two lipopolysaccharide-binding protein/bactericidal permeabilityâ€“increasing protein (LBP/BPI) genes from the sea cucumber Apostichopus japonicus with diversified function in modulating ROS production. Developmental and Comparative Immunology, 2015, 52, 88-97.	2.3	37
40	Cloning and characterization of a sialic acid binding lectins (SABL) from Manila clam Venerupis philippinarum. Fish and Shellfish Immunology, 2011, 30, 1202-1206.	3.6	36
41	A preliminary study on the antibacterial mechanism of Tegillarca granosa hemoglobin by derived peptides and peroxidase activity. Fish and Shellfish Immunology, 2016, 51, 9-16.	3.6	34
42	Transcriptional regulation of selenium-dependent glutathione peroxidase from Venerupis philippinarum in response to pathogen and contaminants challenge. Fish and Shellfish Immunology, 2011, 31, 831-837.	3.6	33
43	Identification and characterization of a clam ferritin from Sinonovacula constricta. Fish and Shellfish Immunology, 2011, 30, 1147-1151.	3.6	32
44	Proteomic identification of differentially expressed proteins in sea cucumber Apostichopus japonicus coelomocytes after Vibrio splendidus infection. Developmental and Comparative Immunology, 2014, 44, 370-377.	2.3	32
45	Identification and characterization of a Tegillarca granosa ferritin regulated by iron ion exposure and thermal stress. Developmental and Comparative Immunology, 2011, 35, 745-751.	2.3	31
46	MUC1 activates JNK1 and inhibits apoptosis under genotoxic stress. Biochemical and Biophysical Research Communications, 2013, 440, 179-183.	2.1	29
47	Metabolic product response profiles of Cherax quadricarinatus towards white spot syndrome virus infection. Developmental and Comparative Immunology, 2016, 61, 236-241.	2.3	29
48	Assessment of Clam Ruditapes philippinarum as Heavy Metal Bioindicators Using NMRâ€Based Metabolomics. Clean - Soil, Air, Water, 2011, 39, 759-766.	1.1	28
49	Three members in JAK/STAT signal pathway from the sea cucumber Apostichopus japonicus: Molecular cloning, characterization and function analysis. Fish and Shellfish Immunology, 2015, 46, 523-536.	3.6	28
50	Haemocyte protein expression profiling of scallop Chlamys farreri response to acute viral necrosis virus (AVNV) infection. Developmental and Comparative Immunology, 2011, 35, 1135-1145.	2.3	26
51	A manganese superoxide dismutase in blood clam Tegillarca granosa: Molecular cloning, tissue distribution and expression analysis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2011, 159, 64-70.	1.6	26
52	miR-200 modulates coelomocytes antibacterial activities and LPS priming via targeting Tollip in Apostichopus japonicus. Fish and Shellfish Immunology, 2015, 45, 431-436.	3.6	26
53	Molecular cloning and characterization of four caspases members in Apostichopus japonicus. Fish and Shellfish Immunology, 2016, 55, 203-211.	3.6	26
54	Î”Np63Î± down-regulates c-Myc modulator MM1 via E3 ligase HERC3 in the regulation of cell senescence. Cell Death and Differentiation, 2018, 25, 2118-2129.	11.2	26

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55	Identification of two small heat shock proteins with different response profile to cadmium and pathogen stresses in Venerupis philippinarum. Cell Stress and Chaperones, 2010, 15, 897-904.	2.9	24
56	Alternation of Venerupis philippinarum Hsp40 gene expression in response to pathogen challenge and heavy metal exposure. Fish and Shellfish Immunology, 2011, 30, 447-450.	3.6	24
57	Cloning and characterization of Vshppd, a gene inducing haemolysis and immune response of Apostichopus japonicus. Aquaculture, 2016, 464, 246-252.	3.5	24
58	Molecular cloning and responsive expression to injury stimulus of a defender against cell death 1 (DAD1) gene from bay scallops Argopecten irradians. Molecular Biology Reports, 2008, 35, 125-132.	2.3	22
59	Effects of manganese and hypoxia on coelomocyte renewal in the echinoderm, Asterias rubens (L.). Aquatic Toxicology, 2010, 100, 84-90.	4.0	22
60	A Î²-integrin from sea cucumber Apostichopus japonicus exhibits LPS binding activity and negatively regulates coelomocyte apoptosis. Fish and Shellfish Immunology, 2016, 52, 103-110.	3.6	22
61	Nemo like kinase negatively regulates NF-ÎºB activation andÂcoelomocytes apoptosis in Apostichopus japonicus. Developmental and Comparative Immunology, 2016, 54, 109-115.	2.3	22
62	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.	2.3	21
63	A novel serine protease with clip domain from scallop Chlamys farreri. Molecular Biology Reports, 2008, 35, 257-264.	2.3	20
64	Two classes of glutathione S-transferase genes with different response profiles to bacterial challenge in Venerupis philippinarum. Fish and Shellfish Immunology, 2012, 32, 219-222.	3.6	19
65	A Ferritin from Dendrorhynchus zhejiangensis with Heavy Metals Detoxification Activity. PLoS ONE, 2012, 7, e51428.	2.5	18
66	Radioprotective effect of Xâ€ray abdominal FLASH irradiation: Adaptation to oxidative damage and inflammatory response may be benefiting factors. Medical Physics, 2022, 49, 4812-4822.	3.0	18
67	A small heat shock protein (sHSP) from Sinonovacula constricta against heavy metals stresses. Fish and Shellfish Immunology, 2013, 34, 1605-1610.	3.6	17
68	NF-ÎºB/Rel, not STAT5, regulates nitric oxide synthase transcription in Apostichopus japonicus. Developmental and Comparative Immunology, 2016, 61, 42-47.	2.3	17
69	p63Î± modulates c-Myc activity via direct interaction and regulation of MM1 protein stability. Oncotarget, 2016, 7, 44277-44287.	1.8	16
70	The expression of peptidoglycan recognition protein-S1 gene in the scallop Chlamys farreri was enhanced after a second challenge by Listonella anguillarum. Journal of Invertebrate Pathology, 2009, 100, 120-122.	3.2	15
71	Low-affinity copper transporter CTR2 is regulated by copper-sensing transcription factor Mac1p in Saccharomyces cerevisiae. Biochemical and Biophysical Research Communications, 2012, 420, 600-604.	2.1	15
72	The first molluscan TCTP in Venerupis philippinarum: Molecular cloning and expression analysis. Fish and Shellfish Immunology, 2010, 29, 530-533.	3.6	14

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73	Development and Application of Reverse Transcription Loopâ€Mediated Isothermal Amplification for Detecting Live Shewanella putrefaciens in Preserved Fish Sample. Journal of Food Science, 2012, 77, M226-30.	3.1	14
74	Characterization of two regulators of the TNF-Î± signaling pathway in Apostichopus japonicus: LPS-induced TNF-Î± factor and baculoviral inhibitor of apoptosis repeat-containing 2. Developmental and Comparative Immunology, 2015, 48, 138-142.	2.3	14
75	Metabolomic Study on the Halophyte Suaeda salsa in the Yellow River Delta. Clean - Soil, Air, Water, 2011, 39, 720-727.	1.1	13
76	DNA damage down-regulates Î”Np63Î± and induces apoptosis independent of wild type p53. Biochemical and Biophysical Research Communications, 2012, 423, 338-343.	2.1	13
77	The link between selenium binding protein from Sinonovacula constricta and environmental pollutions exposure. Fish and Shellfish Immunology, 2013, 35, 271-277.	3.6	12
78	Metal-sensing transcription factors Mac1p and Aft1p coordinately regulate vacuolar copper transporter CTR2 in Saccharomyces cerevisiae. Biochemical and Biophysical Research Communications, 2012, 423, 424-428.	2.1	11
79	Identification of differential expressed proteins and characterization their mRNA expression in thermally stressed Apostichopus japonicus. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2013, 8, 194-200.	1.0	11
80	Genomic organization, nucleotide sequence analysis of the core histone genes cluster inChlamys farreriand molecular evolution assessment of the H2A and H2B. DNA Sequence, 2006, 17, 440-451.	0.7	9
81	Cloning and characterization of hemerythrin gene from Sipuncula Phascolosoma esculenta. Genes and Genomics, 2013, 35, 95-100.	1.4	8
82	Identification and characterization of a novel Foxo transcription factors in Apostichopus japonicus. Fish and Shellfish Immunology, 2015, 44, 164-171.	3.6	8
83	PKCÎ´ stabilizes TAp63 to promote cell apoptosis. FEBS Letters, 2015, 589, 2094-2099.	2.8	8
84	DNA damage induces expression of WWP1 to target Î”Np63Î± to degradation. PLoS ONE, 2017, 12, e0176142.	2.5	8
85	Cullin3/<scp>KCTD</scp>5 induces monoubiquitination of Î”Np63Î± and impairs its activity. FEBS Letters, 2018, 592, 2334-2340.	2.8	8
86	Prefoldin subunit MM1 promotes cell migration via facilitating filopodia formation. Biochemical and Biophysical Research Communications, 2020, 533, 613-619.	2.1	6
87	WW Domain-Containing E3 Ubiquitin Protein Ligase 1: A Self-Disciplined Oncoprotein. Frontiers in Cell and Developmental Biology, 2021, 9, 757493.	3.7	6
88	Identification of a cathepsin D potentially involved in H2A cleavage from scallop Chlamys farreri. Molecular Biology Reports, 2010, 37, 1451-1460.	2.3	5
89	Molecular characterization of two novel molecular chaperones in bacterial-challenged Apostichopus japonicus. Gene, 2015, 570, 141-149.	2.2	5
90	CDK1 Promotes Epithelialâ€“Mesenchymal Transition and Migration of Head and Neck Squamous Carcinoma Cells by Repressing â€ Np63Î±-Mediated Transcriptional Regulation. International Journal of Molecular Sciences, 2022, 23, 7385.	4.1	5

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91	Cloning and comparative analysis the proximal promoter activities of arginase and agmatinase genes in Apostichopus japonicus. Developmental and Comparative Immunology, 2016, 65, 299-308.	2.3	4
92	Long-term effects of di-octyl phthalate on the expression of immune-related genes in Tegillarca granosa. Chinese Journal of Oceanology and Limnology, 2016, 34, 423-429.	0.7	4
93	Ultraviolet B irradiation upâ€regulates MM1 and induces photoageing of the epidermis. Photodermatology Photoimmunology and Photomedicine, 2021, 37, 395-403.	1.5	4
94	Description and phylogeny of a new prostomatid, Metacystis similis nov. spec. (Protista, Ciliophora) from the East China Sea. Zootaxa, 2015, 4033, 584-92.	0.5	3
95	JNK1 inhibits transcriptional and proâ€apoptotic activity of TAp63Î³. FEBS Letters, 2015, 589, 3686-3690.	2.8	3
96	Isolation of an ATP synthase cDNA from Sinonovacula constricta and its mRNA expression by thermal stress. African Journal of Biotechnology, 2012, 11, .	0.6	2
97	Molecular cloning and expression analysis of a selenium-independent glutathione peroxidase identified from Manila clam Venerupis philippinarum. Aquaculture Research, 2012, 43, 1176-1183.	1.8	1
98	Pin1 and JNK1 cooperatively modulate TAp63Î³. FEBS Open Bio, 2021, 11, 890-897.	2.3	1