Li Sun

List of Publications by Year in Descending Order

201 papers	5,107 citations	39 h-index	56 g-index
211 ext. papers	6,056 ext. citations	4.1 avg, IF	6.31 L-index

#	Paper	IF	Citations
201	Megalocytivirus Induces Complicated Fish Immune Response at Multiple RNA Levels Involving mRNA, miRNA, and circRNA. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
200	A Crustin from Hydrothermal Vent Shrimp: Antimicrobial Activity and Mechanism. *Marine Drugs*, **2021**, 19,	6	1
199	A deep-sea pathogenic Bacillus subtilis isolate employs different strategies to escape the killing of teleost and murine complements. *Developmental and Comparative Immunology*, **2021**, 119, 104037	3.2	1
198	Pol-miR-150 regulates anti-bacterial and viral infection in Japanese flounder (Paralichthys olivaceus) via the lysosomal protein LMP2L. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2021**, 254, 110578	2.3	1
197	Identification and characterization of immune-related lncRNAs and lncRNA-miRNA-mRNA networks of Paralichthys olivaceus involved in Vibrio anguillarum infection. *BMC Genomics*, **2021**, 22, 447	4.5	3
196	A virulent strain from deep-sea cold seep induces pyroptosis in a manner that involves NLRP3 inflammasome, JNK pathway, and lysosomal rupture. *Virulence*, **2021**, 12, 1362-1376	4.7	3
195	Systematic Identification and Analysis of Circular RNAs of Japanese Flounder () in Response to Infection. *Genes*, **2021**, 12,	4.2	4
194	Characterization of a Deep Sea Isolate: Genomic and Pathogenic Features. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 629116	5.9	4
193	A Novel microRNA of Japanese Flounder Regulates Antimicrobial Immunity Involving a Bacteria-Binding CSF3. *Frontiers in Immunology*, **2021**, 12, 723401	8.4	1
192	An inactivated bivalent vaccine effectively protects turbot (Scophthalmus maximus) against Vibrio anguillarum and Vibrio harveyi infection. *Aquaculture*, **2021**, 544, 737158	4.4	5
191	High-Throughput Sequencing Reveals a Potentially Novel Species Dominating the Microbial Communities of the Seawater-Sediment Interface of a Deep-Sea Cold Seep in South China Sea. *Microorganisms*, **2020**, 8,	4.9	7
190	Transcriptome analysis reveals seven key immune pathways of Japanese flounder (Paralichthys olivaceus) involved in megalocytivirus infection. *Fish and Shellfish Immunology*, **2020**, 103, 150-158	4.3	6
189	IL-34 regulates the inflammatory response and anti-bacterial immune defense of Japanese flounder Paralichthys olivaceus. *Fish and Shellfish Immunology*, **2020**, 104, 228-236	4.3	2
188	Micro-Transcriptome Analysis Reveals Immune-Related MicroRNA Regulatory Networks of Induced by Infection. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
187	Pol-miR-363-3p plays a significant role in the immune defense of Japanese flounder Paralichthys olivaceus against bacterial and viral infection. *Fish and Shellfish Immunology*, **2020**, 104, 439-446	4.3	0
186	Japanese flounder Paralichthys olivaceus interleukin 21 induces inflammatory response and plays a vital role in the immune defense against bacterial pathogen. *Fish and Shellfish Immunology*, **2020**, 98, 364-373	4.3	5
185	pol-miR-7133 and pol-miR-3p-9227 of Japanese flounder Paralichthys olivaceus modulate Streptococcus iniae infection through regulation of the common target gene LAMP2. *Aquaculture*, **2020**, 520, 734980	4.4	3

184	The novel fish miRNA pol-miR-novel_171 and its target gene FAM49B play a critical role in apoptosis and bacterial infection. *Developmental and Comparative Immunology*, **2020**, 106, 103616	3.2	11
183	Japanese flounder (Paralichthys olivaceus) Bmal1 is involved in the regulation of inflammatory response and bacterial infection. *Aquaculture*, **2020**, 525, 735330	4.4	3
182	Transcriptome Analysis of Erythrocytes Reveals Profound Immune Responses Induced by Infection. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	4
181	A Fish Galectin-8 Possesses Direct Bactericidal Activity. *International Journal of Molecular Sciences*, **2020**, 22,	6.3	6
180	Japanese flounder pol-miR-3p-2 suppresses Edwardsiella tarda infection by regulation of autophagy via p53. *Developmental and Comparative Immunology*, **2020**, 103, 103531	3.2	6
179	Gene network analysis reveals a core set of genes involved in the immune response of Japanese flounder (Paralichthys olivaceus) against Vibrio anguillarum infection. *Fish and Shellfish Immunology* , **2020**, 98, 800-809	4.3	14
178	Characterization of Streptococcus iniae-induced microRNA profiles in Paralichthys olivaceus and identification of pol-3p-10740_175 as a regulator of antibacterial immune response. *Fish and Shellfish Immunology*, **2020**, 98, 860-867	4.3	5
177	Coral gasdermin triggers pyroptosis. *Science Immunology*, **2020**, 5,	28	22
176	The Translocation and Assembly Module (TAM) of Is Essential for Stress Resistance and Host Infection. *Frontiers in Microbiology*, **2020**, 11, 1743	5.7	8
175	Phosphatase and Tensin Homolog (PTEN) of Japanese Flounder-Its Regulation by miRNA and Role in Autophagy, Apoptosis and Pathogen Infection. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
174	A First Study of the Virulence Potential of a Isolate From Deep-Sea Hydrothermal Vent. *Frontiers in Cellular and Infection Microbiology*, **2019**, 9, 183	5.9	19
173	Teleost Gasdermin E Is Cleaved by Caspase 1, 3, and 7 and Induces Pyroptosis. *Journal of Immunology*, **2019**, 203, 1369-1382	5.3	33
172	A Comparative Analysis of -Induced Transcriptome Profiles in RAW264.7 Cells Reveals New Insights into the Strategy of Bacterial Immune Evasion. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	8
171	Characterization of the Genome Feature and Toxic Capacity of a Isolate From the Hydrothermal Field in Okinawa Trough. *Frontiers in Cellular and Infection Microbiology*, **2019**, 9, 370	5.9	6
170	Global profiling and characterization of Japanese flounder (Paralichthys olivaceus) kidney microRNAs regulated by Edwardsiella tarda infection in a time-dependent fashion. *Fish and Shellfish Immunology*, **2019**, 93, 766-780	4.3	11
169	Particle and bacteria uptake by Japanese flounder (Paralichthys olivaceus) red blood cells: Size dependence and pathway specificity. *Tissue and Cell*, **2019**, 61, 79-88	2.7	3
168	Global profiling of megalocytivirus-induced proteins in tongue sole (Cynoglossus semilaevis) spleen identifies cellular processes essential to viral infection. *Developmental and Comparative Immunology*, **2019**, 92, 150-159	3.2	6
167	pol-miR-194a of Japanese flounder (Paralichthys olivaceus) suppresses type I interferon response and facilitates Edwardsiella tarda infection. *Fish and Shellfish Immunology*, **2019**, 87, 220-225	4.3	24

166	Macropinocytosis-dependent endocytosis of Japanese flounder IgM B cells and its regulation by CD22. *Fish and Shellfish Immunology*, **2019**, 84, 138-147	4.3	15
165	First characterization of an anti-lipopolysaccharide factor (ALF) from hydrothermal vent shrimp: Insights into the immune function of deep-sea crustacean ALF. *Developmental and Comparative Immunology*, **2018**, 84, 382-395	3.2	14
164	Internalization of large particles by turbot (Scophthalmus maximus) IgM B cells mainly depends on macropinocytosis. *Developmental and Comparative Immunology*, **2018**, 82, 31-38	3.2	18
163	Comparative metagenomic analysis of the microbial communities in the surroundings of Iheya north and Iheya ridge hydrothermal fields reveals insights into the survival strategy of microorganisms in deep-sea environments. *Journal of Marine Systems*, **2018**, 180, 102-111	2.7	6
162	Bacterial communities associated with Shinkaia crosnieri from the Iheya North, Okinawa Trough: Microbial diversity and metabolic potentials. *Journal of Marine Systems*, **2018**, 180, 228-236	2.7	2
161	Characterization of a teleost membrane-associated protein that is involved in the regulation of complement activation and bacterial infection. *Developmental and Comparative Immunology*, **2018**, 79, 142-149	3.2	8
160	Sip2: A Serum-Induced Protein That Is Essential to Serum Survival, Acid Resistance, Intracellular Replication, and Host Infection. *Frontiers in Microbiology*, **2018**, 9, 1084	5.7	14
159	First characterization of two C-type lectins of the tubeworm Alaysia sp. from a deep-sea hydrothermal vent. *Developmental and Comparative Immunology*, **2018**, 86, 17-25	3.2	3
158	Description of Bacillus kexueae sp. nov. and Bacillus manusensis sp. nov., isolated from hydrothermal sediments. *International Journal of Systematic and Evolutionary Microbiology*, **2018**, 68, 829-834	2.2	7
157	Muricauda iocasae sp. nov., isolated from deep sea sediment of the South China Sea. *International Journal of Systematic and Evolutionary Microbiology*, **2018**, 68, 2538-2544	2.2	5
156	Histones and chymotrypsin-like elastases play significant roles in the antimicrobial activity of tongue sole neutrophil extracellular traps. *Fish and Shellfish Immunology*, **2018**, 72, 470-476	4.3	9
155	Fictibacillus iocasae sp. nov., isolated from the deep-sea sediment in Pacmanus, Manus Basin. *Archives of Microbiology*, **2018**, 200, 1123-1128	3	1
154	A teleost complement factor Ba possesses antimicrobial activity and inhibits bacterial infection in fish. *Developmental and Comparative Immunology*, **2017**, 71, 49-58	3.2	15
153	Draft Genome Sequence of sp. HVEsp1, a Thermophilic Bacterium Isolated from a Deep-Sea Hydrothermal Vent in the Okinawa Trough. *Genome Announcements*, **2017**, 5,		1
152	Comparative transcriptome analysis of Rimicaris sp. reveals novel molecular features associated with survival in deep-sea hydrothermal vent. *Scientific Reports*, **2017**, 7, 2000	4.9	20
151	Comparative metagenomics reveals insights into the deep-sea adaptation mechanism of the microorganisms in Iheya hydrothermal fields. *World Journal of Microbiology and Biotechnology*, **2017**, 33, 86	4.4	10
150	Tongue Sole CD209: A Pattern-Recognition Receptor that Binds a Broad Range of Microbes and Promotes Phagocytosis. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	8
149	Transcriptome analysis reveals temperature-regulated antiviral response in turbot Scophthalmus maximus. *Fish and Shellfish Immunology*, **2017**, 68, 359-367	4.3	14

148	First characterization of fish CD22: An inhibitory role in the activation of peripheral blood leukocytes. *Veterinary Immunology and Immunopathology*, **2017**, 190, 39-44	2	6
147	Edwardsiella tarda-induced miRNAs in a teleost host: Global profile and role in bacterial infection as revealed by integrative miRNA-mRNA analysis. *Virulence*, **2017**, 8, 1457-1464	4.7	15
146	Cytochemical identification of turbot myeloperoxidase-positive granulocytes by potassium iodide and oxidized pyronine Y staining. *Tissue and Cell*, **2017**, 49, 751-755	2.7	2
145	A teleost CD46 is involved in the regulation of complement activation and pathogen infection. *Scientific Reports*, **2017**, 7, 15028	4.9	10
144	Intracellular Trafficking Pathways of : From Clathrin- and Caveolin-Mediated Endocytosis to Endosome and Lysosome. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 400	5.9	41
143	Neutrophil Extracellular Traps of : Production Characteristics and Antibacterial Effect. *Frontiers in Immunology*, **2017**, 8, 290	8.4	31
142	A comparative study revealed first insights into the diversity and metabolisms of the microbial communities in the sediments of Pacmanus and Desmos hydrothermal fields. *PLoS ONE*, **2017**, 12, e0181048	3.7	4
141	Description of Algoriphagus iocasae sp. nov., isolated from deep-sea sediment. *International Journal of Systematic and Evolutionary Microbiology*, **2017**, 67, 243-249	2.2	8
140	Bacillus iocasae sp. nov., isolated from Pacmanus hydrothermal field, Manus Basin. *International Journal of Systematic and Evolutionary Microbiology*, **2017**, 67, 3547-3552	2.2	5
139	Three novel B-type mannose-specific lectins of Cynoglossus semilaevis possess varied antibacterial activities against Gram-negative and Gram-positive bacteria. *Developmental and Comparative Immunology*, **2016**, 55, 194-202	3.2	25
138	pol-miR-731, a teleost miRNA upregulated by megalocytivirus, negatively regulates virus-induced type I interferon response, apoptosis, and cell cycle arrest. *Scientific Reports*, **2016**, 6, 28354	4.9	38
137	Toll-like receptor 2 of tongue sole Cynoglossus semilaevis: Signaling pathway and involvement in bacterial infection. *Fish and Shellfish Immunology*, **2016**, 51, 321-328	4.3	19
136	Comparative analysis of the expression patterns of eight suppressors of cytokine signaling in tongue sole, Cynoglossus semilaevis. *Fish and Shellfish Immunology*, **2016**, 55, 595-601	4.3	16
135	Neutrophils of Scophthalmus maximus produce extracellular traps that capture bacteria and inhibit bacterial infection. *Developmental and Comparative Immunology*, **2016**, 56, 7-12	3.2	23
134	A Teleost Bactericidal Permeability-Increasing Protein Kills Gram-Negative Bacteria, Modulates Innate Immune Response, and Enhances Resistance against Bacterial and Viral Infection. *PLoS ONE*, **2016**, 11, e0154045	3.7	7
133	Description of sp. nov., isolated from deep-sea sediment, and emended description of the genus. *International Journal of Systematic and Evolutionary Microbiology*, **2016**, 66, 982-987	2.2	11
132	Pseudomonas oceani sp. nov., isolated from deep seawater. *International Journal of Systematic and Evolutionary Microbiology*, **2016**, 66, 4250-4255	2.2	13
131	Pseudomonas fluorescens Filamentous Hemagglutinin, an Iron-Regulated Protein, Is an Important Virulence Factor that Modulates Bacterial Pathogenicity. *Frontiers in Microbiology*, **2016**, 7, 1320	5.7	20

130	Edwardsiella tarda-Induced Inhibition of Apoptosis: A Strategy for Intracellular Survival. *Frontiers in Cellular and Infection Microbiology*, **2016**, 6, 76	5.9	22
129	First Comparative Analysis of the Community Structures and Carbon Metabolic Pathways of the Bacteria Associated with Alvinocaris longirostris in a Hydrothermal Vent of Okinawa Trough. *PLoS ONE*, **2016**, 11, e0154359	3.7	9
128	CsMAP34, a teleost MAP with dual role: A promoter of MASP-assisted complement activation and a regulator of immune cell activity. *Scientific Reports*, **2016**, 6, 39287	4.9	22
127	CsSAP, a teleost serum amyloid P component, interacts with bacteria, promotes phagocytosis, and enhances host resistance against bacterial and viral infection. *Developmental and Comparative Immunology*, **2016**, 55, 12-20	3.2	26
126	The global regulatory effect of Edwardsiella tarda Fur on iron acquisition, stress resistance, and host infection: A proteomics-based interpretation. *Journal of Proteomics*, **2016**, 140, 100-10	3.9	18
125	Molecular characterization reveals involvement of four caspases in the antibacterial immunity of tongue sole (Cynoglossus semilaevis). *Fish and Shellfish Immunology*, **2016**, 57, 340-349	4.3	10
124	Tongue sole (Cynoglossus semilaevis) CD59: A complement inhibitor that binds bacterial cells and promotes bacterial escape from the killing of fish serum. *Fish and Shellfish Immunology*, **2016**, 58, 442-448	4.3	11
123	Edwardsiella tarda MliC, a lysozyme inhibitor that participates in pathogenesis in a manner that parallels Ivy. *Infection and Immunity*, **2015**, 83, 583-90	3.7	31
122	Edwardsiella tarda-regulated proteins in Japanese flounder (Paralichthys olivaceus): Identification and evaluation of antibacterial potentials. *Journal of Proteomics*, **2015**, 124, 1-10	3.9	34
121	CD83 is required for the induction of protective immunity by a DNA vaccine in a teleost model. *Developmental and Comparative Immunology*, **2015**, 51, 141-7	3.2	22
120	Edwardsiella tarda Sip1: A serum-induced zinc metalloprotease that is essential to serum resistance and host infection. *Veterinary Microbiology*, **2015**, 177, 332-40	3.3	25
119	Pseudomonas fluorescens: iron-responsive proteins and their involvement in host infection. *Veterinary Microbiology*, **2015**, 176, 309-20	3.3	13
118	TLR7 is required for optimal immune defense against bacterial infection in tongue sole (Cynoglossus semilaevis). *Fish and Shellfish Immunology*, **2015**, 47, 93-9	4.3	18
117	Characteristics of the cultivable bacteria from sediments associated with two deep-sea hydrothermal vents in Okinawa Trough. *World Journal of Microbiology and Biotechnology*, **2015**, 31, 2025-37	4.4	13
116	Comparative study of four interleukin 17 cytokines of tongue sole Cynoglossus semilaevis: Genomic structure, expression pattern, and promoter activity. *Fish and Shellfish Immunology*, **2015**, 47, 321-30	4.3	15
115	A short-type peptidoglycan recognition protein from tongue sole (Cynoglossus semilaevis) promotes phagocytosis and defense against bacterial infection. *Fish and Shellfish Immunology*, **2015**, 47, 313-20	4.3	16
114	Tongue sole (Cynoglossus semilaevis) prothymosin alpha: Cytokine-like activities associated with the intact protein and the C-terminal region that lead to antiviral immunity via Myd88-dependent and -independent pathways respectively. *Developmental and Comparative Immunology*, **2015**, 53, 96-104	3.2	34
113	Pseudomonas fluorescens: fur is required for multiple biological properties associated with pathogenesis. *Veterinary Microbiology*, **2015**, 175, 145-9	3.3	7

112	Immune effects of R848: evidences that suggest an essential role of TLR7/8-induced, Myd88- and NF-B-dependent signaling in the antiviral immunity of Japanese flounder (Paralichthys olivaceus). *Developmental and Comparative Immunology*, **2015**, 49, 113-20	3.2	40
111	P247 and p523: two in vivo-expressed megalocytivirus proteins that induce protective immunity and are essential to viral infection. *PLoS ONE*, **2015**, 10, e0121282	3.7	11
110	CsBAFF, a Teleost B Cell Activating Factor, Promotes Pathogen-Induced Innate Immunity and Vaccine-Induced Adaptive Immunity. *PLoS ONE*, **2015**, 10, e0136015	3.7	22
109	Microbial diversity in the deep-sea sediments of Iheya North and Iheya Ridge, Okinawa Trough. *Microbiological Research*, **2015**, 177, 43-52	5.3	47
108	Ferritin M of Paralichthys olivaceus possesses antimicrobial and antioxidative properties. *Fish Physiology and Biochemistry*, **2015**, 41, 951-9	2.7	2
107	Edwardsiella tarda evades serum killing by preventing complement activation via the alternative pathway. *Fish and Shellfish Immunology*, **2015**, 43, 325-9	4.3	35
106	CsCTL1, a teleost C-type lectin that promotes antibacterial and antiviral immune defense in a manner that depends on the conserved EPN motif. *Developmental and Comparative Immunology*, **2015**, 50, 69-77	3.2	63
105	Nuclear factor 45 of tongue sole (Cynoglossus semilaevis): evidence for functional differentiation between two isoforms in immune defense against viral and bacterial pathogens. *Developmental and Comparative Immunology*, **2014**, 42, 125-31	3.2	6
104	CsIFIT1, an interferon-induced protein with tetratricopeptide repeat, inhibits viral infection in tongue sole (Cynoglossus semilaevis). *Fish and Shellfish Immunology*, **2014**, 41, 231-7	4.3	18
103	Junctional adhesion molecule A of red drum (Sciaenops ocellatus): a possible immunomodulator and a target for bacterial immune evasion. *Veterinary Immunology and Immunopathology*, **2014**, 161, 99-107	2	1
102	Turbot (Scophthalmus maximus) hepcidin-1 and hepcidin-2 possess antimicrobial activity and promote resistance against bacterial and viral infection. *Fish and Shellfish Immunology*, **2014**, 38, 127-34	4.3	36
101	Edwardsiella tarda Hfq: impact on host infection and global protein expression. *Veterinary Research* , **2014**, 45, 23	3.8	29
100	Rock bream (Oplegnathus fasciatus) viperin is a virus-responsive protein that modulates innate immunity and promotes resistance against megalocytivirus infection. *Developmental and Comparative Immunology*, **2014**, 45, 35-42	3.2	29
99	NKLP27: a teleost NK-lysin peptide that modulates immune response, induces degradation of bacterial DNA, and inhibits bacterial and viral infection. *PLoS ONE*, **2014**, 9, e106543	3.7	36
98	Poly(I:C) induces antiviral immune responses in Japanese flounder (Paralichthys olivaceus) that require TLR3 and MDA5 and is negatively regulated by Myd88. *PLoS ONE*, **2014**, 9, e112918	3.7	58
97	In-depth profiling and analysis of host and viral microRNAs in Japanese flounder (Paralichthys olivaceus) infected with megalocytivirus reveal involvement of microRNAs in host-virus interaction in teleost fish. *BMC Genomics*, **2014**, 15, 878	4.5	64
96	Streptococcus iniae SF1: complete genome sequence, proteomic profile, and immunoprotective antigens. *PLoS ONE*, **2014**, 9, e91324	3.7	21
95	Sil: a Streptococcus iniae bacteriocin with dual role as an antimicrobial and an immunomodulator that inhibits innate immune response and promotes S. iniae infection. *PLoS ONE*, **2014**, 9, e96222	3.7	17

94	C7: a CpG oligodeoxynucleotide that induces protective immune response against megalocytivirus in Japanese flounder (Paralichthys olivaceus) via Toll-like receptor 9-mediated signaling pathway. *Developmental and Comparative Immunology*, **2014**, 44, 124-32	3.2	16
93	Antibacterial and antiviral properties of tongue sole (Cynoglossus semilaevis) high mobility group B2 protein are largely independent on the acidic C-terminal domain. *Fish and Shellfish Immunology*, **2014**, 37, 66-74	4.3	49
92	Quantitative real time RT-PCR study of pathogen-induced gene expression in rock bream (Oplegnathus fasciatus): internal controls for data normalization. *Marine Genomics*, **2014**, 15, 75-84	1.9	12
91	Identification and analysis of three virulence-associated TonB-dependent outer membrane receptors of Pseudomonas fluorescens. *Diseases of Aquatic Organisms*, **2014**, 110, 181-91	1.7	8
90	Immunological study of the outer membrane proteins of Vibrio harveyi: insights that link immunoprotectivity to interference with bacterial infection. *Fish and Shellfish Immunology*, **2013**, 35, 1293-300	4.3	23
89	Identification of normalization factors for quantitative real-time RT-PCR analysis of gene expression in Pacific abalone Haliotis discus hannai. *Chinese Journal of Oceanology and Limnology*, **2013**, 31, 421-430		10
88	A NK-lysin from Cynoglossus semilaevis enhances antimicrobial defense against bacterial and viral pathogens. *Developmental and Comparative Immunology*, **2013**, 40, 258-65	3.2	41
87	Comparative study of four flagellins of Vibrio anguillarum: vaccine potential and adjuvanticity. *Fish and Shellfish Immunology*, **2013**, 34, 514-20	4.3	13
86	Edwardsiella tarda Ivy, a lysozyme inhibitor that blocks the lytic effect of lysozyme and facilitates host infection in a manner that is dependent on the conserved cysteine residue. *Infection and Immunity*, **2013**, 81, 3527-33	3.7	24
85	SagE induces highly effective protective immunity against Streptococcus iniae mainly through an immunogenic domain in the extracellular region. *Acta Veterinaria Scandinavica*, **2013**, 55, 78	2	4
84	Characterization of a c-type lysozyme of Scophthalmus maximus: expression, activity, and antibacterial effect. *Fish and Shellfish Immunology*, **2013**, 34, 46-54	4.3	43
83	The megalocytivirus-induced protein CsMig1 enhances Cynoglossus semilaevis resistance against viral infection. *Veterinary Immunology and Immunopathology*, **2013**, 151, 173-9	2	3
82	Megalocytivirus-induced proteins of turbot (Scophthalmus maximus): identification and antiviral potential. *Journal of Proteomics*, **2013**, 91, 430-43	3.9	19
81	Macrophage migration inhibitory factor of Sciaenops ocellatus regulates immune cell trafficking and is involved in pathogen-induced immune response. *Developmental and Comparative Immunology*, **2013**, 40, 232-9	3.2	23
80	SmCCL19, a CC chemokine of turbot Scophthalmus maximus, induces leukocyte trafficking and promotes anti-viral and anti-bacterial defense. *Fish and Shellfish Immunology*, **2013**, 35, 1677-82	4.3	42
79	Selection of normalization factors for quantitative real time RT-PCR studies in Japanese flounder (Paralichthys olivaceus) and turbot (Scophthalmus maximus) under conditions of viral infection. *Veterinary Immunology and Immunopathology*, **2013**, 152, 303-16	2	41
78	The galectin-3-binding protein of Cynoglossus semilaevis is a secreted protein of the innate immune system that binds a wide range of bacteria and is involved in host phagocytosis. *Developmental and Comparative Immunology*, **2013**, 39, 399-408	3.2	30
77	Nuclear factor 45 of half smooth tongue sole Cynoglossus semilaevis: gene structure, expression profile, and immunoregulatory property. *Fish and Shellfish Immunology*, **2013**, 35, 972-8	4.3	1

76	The C-reactive protein of tongue sole Cynoglossus semilaevis is an acute phase protein that interacts with bacterial pathogens and stimulates the antibacterial activity of peripheral blood leukocytes. *Fish and Shellfish Immunology*, **2013**, 34, 623-31	4.3	19
75	First characterization of a teleost Epstein-Barr virus-induced gene 3 (EBI3) reveals a regulatory effect of EBI3 on the innate immune response of peripheral blood leukocytes. *Developmental and Comparative Immunology*, **2013**, 41, 514-22	3.2	20
74	Complete genome sequence and transcription profiles of the rock bream iridovirus RBIV-C1. *Diseases of Aquatic Organisms*, **2013**, 104, 203-14	1.7	33
73	The major fimbrial subunit protein of Edwardsiella tarda: vaccine potential, adjuvant effect, and involvement in host infection. *Fish and Shellfish Immunology*, **2013**, 35, 858-65	4.3	26
72	Identification and characterization of a cell surface scavenger receptor cysteine-rich protein of Sciaenops ocellatus: bacterial interaction and its dependence on the conserved structural features of the SRCR domain. *Fish and Shellfish Immunology*, **2013**, 34, 810-8	4.3	14
71	CsTrx80, a truncated form of thioredoxin, possesses chemokine-like property and enhances the immune defense of Cynoglossus semilaevis against bacterial infection. *Fish and Shellfish Immunology*, **2013**, 35, 2026-31	4.3	2
70	Characterization of a megalocytivirus from cultured rock bream, Oplegnathus fasciatus (Temminck & Schlege), in China. *Aquaculture Research*, **2012**, 43, 556-564	1.9	64
69	Overexpression of NF-B inhibitor alpha in Cynoglossus semilaevis impairs pathogen-induced immune response. *Developmental and Comparative Immunology*, **2012**, 36, 253-7	3.2	16
68	Edwardsiella tarda sialidase: pathogenicity involvement and vaccine potential. *Fish and Shellfish Immunology*, **2012**, 33, 514-21	4.3	13
67	Japanese flounder (Paralichthys olivaceus) Hsp70: adjuvant effect and its dependence on the intrinsic ATPase activity. *Fish and Shellfish Immunology*, **2012**, 33, 829-34	4.3	8
66	Construction and analysis of experimental DNA vaccines against megalocytivirus. *Fish and Shellfish Immunology*, **2012**, 33, 1192-8	4.3	41
65	Construction and comparative study of monovalent and multivalent DNA vaccines against Streptococcus iniae. *Fish and Shellfish Immunology*, **2012**, 33, 1303-10	4.3	24
64	C312M: an attenuated Vibrio anguillarum strain that induces immunoprotection as an oral and immersion vaccine. *Diseases of Aquatic Organisms*, **2012**, 102, 33-42	1.7	8
63	CsCXCe1: A novel Cynoglossus semilaevis CXC chemokine that functions as a chemoattractant and an immunomodulator for peripheral blood leukocytes. *Developmental and Comparative Immunology* , **2012**, 37, 55-64	3.2	20
62	A single immunoglobulin-domain IgSF protein from Sciaenops ocellatus regulates pathogen-induced immune response in a negative manner. *Developmental and Comparative Immunology*, **2012**, 38, 117-27	3.2	3
61	A peptidoglycan recognition protein from Sciaenops ocellatus is a zinc amidase and a bactericide with a substrate range limited to Gram-positive bacteria. *Fish and Shellfish Immunology*, **2012**, 32, 322-30	4.3	19
60	Inv1: an Edwardsiella tarda invasin and a protective immunogen that is required for host infection. *Fish and Shellfish Immunology*, **2012**, 32, 586-92	4.3	13
59	Molecular characterization of Cynoglossus semilaevis CD28. *Fish and Shellfish Immunology*, **2012**, 32, 934-8	4.3	19

58	A divalent DNA vaccine based on Sia10 and OmpU induces cross protection against Streptococcus iniae and Vibrio anguillarum in Japanese flounder. *Fish and Shellfish Immunology*, **2012**, 32, 1216-22	4.3	29
57	Development and efficacy of an attenuated Vibrio harveyi vaccine candidate with cross protectivity against Vibrio alginolyticus. *Fish and Shellfish Immunology*, **2012**, 32, 1155-61	4.3	19
56	A TonB-dependent outer membrane receptor of Pseudomonas fluorescens: virulence and vaccine potential. *Archives of Microbiology*, **2012**, 194, 795-802	3	29
55	Cynoglossus semilaevis thioredoxin: a reductase and an antioxidant with immunostimulatory property. *Cell Stress and Chaperones*, **2012**, 17, 445-55	4	12
54	Edwardsiella tarda Eta1, an in vivo-induced antigen that is involved in host infection. *Infection and Immunity*, **2012**, 80, 2948-55	3.7	34
53	Cynoglossus semilaevis ISG15: a secreted cytokine-like protein that stimulates antiviral immune response in a LRGG motif-dependent manner. *PLoS ONE*, **2012**, 7, e44884	3.7	27
52	A pathogenic Vibrio harveyi lineage causes recurrent disease outbreaks in cultured Japanese flounder (Paralichthys olivaceus) and induces apoptosis in host cells. *Aquaculture*, **2011**, 319, 30-36	4.4	33
51	Suppressor of cytokine signaling 3 inhibits head kidney macrophage activation and cytokine expression in Scophthalmus maximus. *Developmental and Comparative Immunology*, **2011**, 35, 174-81	3.2	40
50	The high mobility group box 1 protein of Sciaenops ocellatus is a secreted cytokine that stimulates macrophage activation. *Developmental and Comparative Immunology*, **2011**, 35, 1052-8	3.2	18
49	CXCL8 of Scophthalmus maximus: expression, biological activity and immunoregulatory effect. *Developmental and Comparative Immunology*, **2011**, 35, 1032-9	3.2	34
48	Construction and analysis of the immune effect of an Edwardsiella tarda DNA vaccine encoding a D15-like surface antigen. *Fish and Shellfish Immunology*, **2011**, 30, 273-9	4.3	39
47	The g-type lysozyme of Scophthalmus maximus has a broad substrate spectrum and is involved in the immune response against bacterial infection. *Fish and Shellfish Immunology*, **2011**, 30, 630-7	4.3	33
46	Evaluation of housekeeping genes as references for quantitative real time RT-PCR analysis of gene expression in Japanese flounder (Paralichthys olivaceus). *Fish and Shellfish Immunology*, **2011**, 30, 638-45	4.3	155
45	Determination of internal controls for quantitative real time RT-PCR analysis of the effect of Edwardsiella tarda infection on gene expression in turbot (Scophthalmus maximus). *Fish and Shellfish Immunology*, **2011**, 30, 720-8	4.3	63
44	Interleukin-8 of Cynoglossus semilaevis is a chemoattractant with immunoregulatory property. *Fish and Shellfish Immunology*, **2011**, 30, 1362-7	4.3	48
43	Edwardsiella tarda DnaJ is a virulence-associated molecular chaperone with immunoprotective potential. *Fish and Shellfish Immunology*, **2011**, 31, 182-8	4.3	21
42	Ferritin M of Cynoglossus semilaevis: an iron-binding protein and a broad-spectrum antimicrobial that depends on the integrity of the ferroxidase center and nucleation center for biological activity. *Fish and Shellfish Immunology*, **2011**, 31, 269-74	4.3	31
41	An inflammatory CC chemokine of Cynoglossus semilaevis is involved in immune defense against bacterial infection. *Fish and Shellfish Immunology*, **2011**, 31, 446-52	4.3	43

40	A multivalent killed whole-cell vaccine induces effective protection against Edwardsiella tarda and Vibrio anguillarum. *Fish and Shellfish Immunology*, **2011**, 31, 595-9	4.3	36
39	The two Dps of Edwardsiella tarda are involved in resistance against oxidative stress and host infection. *Fish and Shellfish Immunology*, **2011**, 31, 985-92	4.3	15
38	The Rab1 GTPase of Sciaenops ocellatus modulates intracellular bacterial infection. *Fish and Shellfish Immunology*, **2011**, 31, 1005-12	4.3	14
37	Identification and expressional analysis of two cathepsins from half-smooth tongue sole (Cynoglossus semilaevis). *Fish and Shellfish Immunology*, **2011**, 31, 1270-7	4.3	21
36	Comparative study of the immune effect of an Edwardsiella tarda antigen in two forms: subunit vaccine vs DNA vaccine. *Vaccine*, **2011**, 29, 2051-7	4.1	54
35	A bivalent Vibrio harveyi DNA vaccine induces strong protection in Japanese flounder (Paralichthys olivaceus). *Vaccine*, **2011**, 29, 4328-33	4.1	38
34	HtpG is involved in the pathogenesis of Edwardsiella tarda. *Veterinary Microbiology*, **2011**, 152, 394-400	3.3	36
33	Identification and molecular analysis of a ferritin subunit from red drum (Sciaenops ocellatus). *Fish and Shellfish Immunology*, **2010**, 28, 678-86	4.3	97
32	Analysis of Edwardsiella tarda DegP, a serine protease and a protective immunogen. *Fish and Shellfish Immunology*, **2010**, 28, 672-7	4.3	20
31	Cloning and analysis of a ferritin subunit from turbot (Scophthalmus maximus). *Fish and Shellfish Immunology*, **2010**, 28, 829-36	4.3	63
30	Identification and molecular analysis of a novel C-type lectin from Scophthalmus maximus. *Fish and Shellfish Immunology*, **2010**, 29, 82-8	4.3	48
29	Identification and analysis of a Sciaenops ocellatus ISG15 homologue that is involved in host immune defense against bacterial infection. *Fish and Shellfish Immunology*, **2010**, 29, 167-74	4.3	31
28	Analysis of the expression and antioxidative property of a peroxiredoxin 6 from Scophthalmus maximus. *Fish and Shellfish Immunology*, **2010**, 29, 305-11	4.3	41
27	Identification and analysis of the immune effects of CpG motifs that protect Japanese flounder (Paralichthys olivaceus) against bacterial infection. *Fish and Shellfish Immunology*, **2010**, 29, 279-85	4.3	33
26	Differential regulation of Sciaenops ocellatus viperin expression by intracellular and extracellular bacterial pathogens. *Fish and Shellfish Immunology*, **2010**, 29, 264-70	4.3	30
25	Expression of Scophthalmus maximus CD83 correlates with bacterial infection and antigen stimulation. *Fish and Shellfish Immunology*, **2010**, 29, 608-14	4.3	22
24	The iron-cofactored superoxide dismutase of Edwardsiella tarda inhibits macrophage-mediated innate immune response. *Fish and Shellfish Immunology*, **2010**, 29, 972-8	4.3	41
23	Identification and analysis of a Scophthalmus maximus ferritin that is regulated at transcription level by oxidative stress and bacterial infection. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2010**, 156, 222-8	2.3	45

22	Evaluation of the vaccine potential of a cytotoxic protease and a protective immunogen from a pathogenic Vibrio harveyi strain. *Vaccine*, **2010**, 28, 1041-7	4.1	22
21	Comparative study of the effects of aluminum adjuvants and Freunds incomplete adjuvant on the immune response to an Edwardsiella tarda major antigen. *Vaccine*, **2010**, 28, 1832-7	4.1	88
20	Identification and immunoprotective analysis of a Streptococcus iniae subunit vaccine candidate. *Vaccine*, **2010**, 28, 2636-41	4.1	60
19	Construction and analysis of an experimental Streptococcus iniae DNA vaccine. *Vaccine*, **2010**, 28, 3905-12	4.1	46
18	Identification and analysis of a CpG motif that protects turbot (Scophthalmus maximus) against bacterial challenge and enhances vaccine-induced specific immunity. *Vaccine*, **2010**, 28, 4153-61	4.1	47
17	Isolation and analysis of the vaccine potential of an attenuated Edwardsiella tarda strain. *Vaccine*, **2010**, 28, 6344-50	4.1	44
16	Identification of an Edwardsiella tarda surface antigen and analysis of its immunoprotective potential as a purified recombinant subunit vaccine and a surface-anchored subunit vaccine expressed by a fish commensal strain. *Vaccine*, **2010**, 28, 6603-8	4.1	37
15	DNA adenine methylase is involved in the pathogenesis of Edwardsiella tarda. *Veterinary Microbiology*, **2010**, 141, 149-54	3.3	8
14	Identification, characterization, and molecular application of a virulence-associated autotransporter from a pathogenic Pseudomonas fluorescens strain. *Applied and Environmental Microbiology*, **2009**, 75, 4333-40	4.8	43
13	Attenuation of Edwardsiella tarda virulence by small peptides that interfere with LuxS/autoinducer type 2 quorum sensing. *Applied and Environmental Microbiology*, **2009**, 75, 3882-90	4.8	39
12	Identification and characterization of a virulence-associated protease from a pathogenic Pseudomonas fluorescens strain. *Veterinary Microbiology*, **2009**, 139, 183-8	3.3	50
11	Molecular analysis of the copper-responsive CopRSCD of a pathogenic Pseudomonas fluorescens strain. *Journal of Microbiology*, **2009**, 47, 277-86	3	25
10	Identification and immunoprotective analysis of an in vivo-induced Edwardsiella tarda antigen. *Fish and Shellfish Immunology*, **2009**, 27, 633-8	4.3	28
9	Immunoprotective analysis of VhhP2, a Vibrio harveyi vaccine candidate. *Vaccine*, **2009**, 27, 2733-40	4.1	86
8	Construction of an attenuated Pseudomonas fluorescens strain and evaluation of its potential as a cross-protective vaccine. *Vaccine*, **2009**, 27, 4047-55	4.1	127
7	Construction and evaluation of DNA vaccines encoding Edwardsiella tarda antigens. *Vaccine*, **2009**, 27, 5195-202	4.1	117
6	Genetic mechanisms of multi-antimicrobial resistance in a pathogenic Edwardsiella tarda strain. *Aquaculture*, **2009**, 289, 134-139	4.4	59
5	Regulation of the Edwardsiella tarda hemolysin gene and luxS by EthR. *Journal of Microbiology and Biotechnology*, **2009**, 19, 765-73	3.3	10

4	Characterization of DegQVh, a serine protease and a protective immunogen from a pathogenic Vibrio harveyi strain. *Applied and Environmental Microbiology*, **2008**, 74, 6254-62	4.8	114
3	Regulation of autoinducer 2 production and luxS expression in a pathogenic Edwardsiella tarda strain. *Microbiology (United Kingdom)*, **2008**, 154, 2060-2069	2.9	170
2	Molecular analysis of the fur (ferric uptake regulator) gene of a pathogenic Edwardsiella tarda strain. *Journal of Microbiology*, **2008**, 46, 350-5	3	31
1	Cloning, characterization, and molecular application of a beta-agarase gene from Vibrio sp. strain V134. *Applied and Environmental Microbiology*, **2007**, 73, 2825-31	4.8	109