

Dahai Yang

List of Publications by Year in descending order

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37
papers

1,475
citations

471509

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#	ARTICLE	IF	CITATIONS
1	Caspase-11 Requires the Pannexin-1 Channel and the Purinergic P2X7 Pore to Mediate Pyroptosis and Endotoxic Shock. <i>Immunity</i> , 2015, 43, 923-932.	14.3	433
2	The Bacterial T6SS Effector EvpP Prevents NLRP3 Inflammasome Activation by Inhibiting the Ca ²⁺ -Dependent MAPK-Jnk Pathway. <i>Cell Host and Microbe</i> , 2017, 21, 47-58.	11.0	138
3	Biodegradable Nanoparticles of Polyacrylic Acidâ€“Stabilized Amorphous CaCO ₃ for Tunable pHâ€“Responsive Drug Delivery and Enhanced Tumor Inhibition. <i>Advanced Functional Materials</i> , 2019, 29, 1808146.	14.9	109
4	Gene expression profiling in live attenuated <i>Edwardsiella tarda</i> vaccine immunized and challenged zebrafish: Insights into the basic mechanisms of protection seen in immunized fish. <i>Developmental and Comparative Immunology</i> , 2013, 40, 132-141.	2.3	72
5	RNA-seq liver transcriptome analysis reveals an activated MHC-I pathway and an inhibited MHC-II pathway at the early stage of vaccine immunization in zebrafish. <i>BMC Genomics</i> , 2012, 13, 319.	2.8	71
6	Zebrafish GSDMEb Cleavage-Gated Pyroptosis Drives Septic Acute Kidney Injury In Vivo. <i>Journal of Immunology</i> , 2020, 204, 1929-1942.	0.8	63
7	Sensing of cytosolic LPS through casp2 pyrin domain mediates noncanonical inflammasome activation in zebrafish. <i>Nature Communications</i> , 2018, 9, 3052.	12.8	49
8	Intramacrophage Infection Reinforces the Virulence of <i>Edwardsiella tarda</i> . <i>Journal of Bacteriology</i> , 2016, 198, 1534-1542.	2.2	48
9	Dysregulated hemolysin liberates bacterial outer membrane vesicles for cytosolic lipopolysaccharide sensing. <i>PLoS Pathogens</i> , 2018, 14, e1007240.	4.7	44
10	A Water-Soluble, Green-Light Triggered, and Photo-Calibrated Nitric Oxide Donor for Biological Applications. <i>Bioconjugate Chemistry</i> , 2018, 29, 1194-1198.	3.6	42
11	Characterization of the Japanese flounder NLRP3 inflammasome in restricting <i>Edwardsiella piscicida</i> colonization in vivo. <i>Fish and Shellfish Immunology</i> , 2020, 103, 169-180.	3.6	37
12	Identification and functional characterization of EseH, a new effector of the type III secretion system of <i>Edwardsiella piscicida</i> . <i>Cellular Microbiology</i> , 2017, 19, e12638.	2.1	31
13	Pyroptosis Mediates Neutrophil Extracellular Trap Formation during Bacterial Infection in Zebrafish. <i>Journal of Immunology</i> , 2021, 206, 1913-1922.	0.8	28
14	Neutrophil plays critical role during <i>Edwardsiella piscicida</i> immersion infection in zebrafish larvae. <i>Fish and Shellfish Immunology</i> , 2019, 87, 565-572.	3.6	26
15	A Photo-triggered and photo-calibrated nitric oxide donor: Rational design, spectral characterizations, and biological applications. <i>Free Radical Biology and Medicine</i> , 2018, 123, 1-7.	2.9	22
16	Zebrafish gasdermin E cleavage-engaged pyroptosis by inflammatory and apoptotic caspases. <i>Developmental and Comparative Immunology</i> , 2021, 124, 104203.	2.3	22
17	Dual function of a turbot inflammatory caspase in mediating both canonical and non-canonical inflammasome activation. <i>Developmental and Comparative Immunology</i> , 2021, 121, 104078.	2.3	21
18	Systematic Identification of Intracellular-Translocated Candidate Effectors in <i>Edwardsiella piscicida</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 37.	3.9	20

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19	Balanced role of T3SS and T6SS in contribution to the full virulence of <i>Edwardsiella piscicida</i> . <i>Fish and Shellfish Immunology</i> , 2019, 93, 871-878.	3.6	19
20	EvpP inhibits neutrophils recruitment via Jnk-caspy inflammasome signaling in vivo. <i>Fish and Shellfish Immunology</i> , 2019, 92, 851-860.	3.6	19
21	Novel T3SS effector EseK in <i>Edwardsiella piscicida</i> is chaperoned by EscH and EscS to express virulence. <i>Cellular Microbiology</i> , 2018, 20, e12790.	2.1	17
22	Intracellular translocation and localization of <i>Edwardsiella tarda</i> type III secretion system effector EseG in host cells. <i>Microbial Pathogenesis</i> , 2016, 97, 166-171.	2.9	15
23	The <i>Edwardsiella piscicida</i> thioredoxin-like protein inhibits ASK1-MAPKs signaling cascades to promote pathogenesis during infection. <i>PLoS Pathogens</i> , 2019, 15, e1007917.	4.7	15
24	<i>Scophthalmus maximus</i> interleukin-1 β limits <i>Edwardsiella piscicida</i> colonization in vivo. <i>Fish and Shellfish Immunology</i> , 2019, 95, 277-286.	3.6	14
25	Characterization of the inflammasome component SmASC in turbot (<i>Scophthalmus maximus</i>). <i>Fish and Shellfish Immunology</i> , 2020, 100, 324-333.	3.6	13
26	<i>Edwardsiella piscicida</i> Enters Nonphagocytic Cells via a Macropinocytosis-Involved Hybrid Mechanism. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	12
27	Bacterial infection reinforces host metabolic flux from arginine to spermine for NLRP3 inflammasome evasion. <i>Cell Reports</i> , 2021, 34, 108832.	6.4	12
28	Multi-tissue scRNA-seq reveals immune cell landscape of turbot (<i>Scophthalmus maximus</i>). <i>Fundamental Research</i> , 2022, 2, 550-561.	3.3	11
29	<i>Edwardsiella piscicida</i> Type III Secretion System Effector EseK Inhibits Mitogen-Activated Protein Kinase Phosphorylation and Promotes Bacterial Colonization in Zebrafish Larvae. <i>Infection and Immunity</i> , 2018, 86, .	2.2	10
30	Dysregulated haemolysin promotes bacterial outer membrane vesicles-induced pyroptotic-like cell death in zebrafish. <i>Cellular Microbiology</i> , 2019, 21, e13010.	2.1	10
31	<i>Edwardsiella piscicida</i> virulence effector trxlP promotes the NLRC4 inflammasome activation during infection. <i>Microbial Pathogenesis</i> , 2018, 123, 496-504.	2.9	7
32	Dysregulation of Cytosolic c-di-GMP in <i>Edwardsiella piscicida</i> Promotes Cellular Non-Canonical Ferroptosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 825824.	3.9	6
33	Dietary supplementation of propolis enhanced the innate immune response against <i>Edwardsiella piscicida</i> challenge in turbot (<i>Scophthalmus maximus</i>). <i>Fish and Shellfish Immunology</i> , 2022, 124, 273-279.	3.6	6
34	Feeding with poly(I:C) induced long-term immune responses against bacterial infection in turbot (<i>Scophthalmus maximus</i>). <i>Fish and Shellfish Immunology Reports</i> , 2021, 2, 100037.	1.2	4
35	Phosphothreonine Lyase Promotes p65 Degradation in a Mitogen-Activated Protein Kinase/Mitogen- and Stress-Activated Protein Kinase 1-Dependent Manner. <i>Infection and Immunity</i> , 2019, 87, .	2.2	3
36	<i>Edwardsiella piscicida</i> interferes with classical endocytic trafficking and replicates in a specialized replication-permissive niche in non-phagocytic cells. <i>Journal of Bacteriology</i> , 2021, 203, e0050520.	2.2	3

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37	Iso-Seq assembly and functional annotation of full-length transcriptome of turbot (<i>Scophthalmus</i>) Tj ETQq1 1	0.784314	14