Tong Shao

List of Publications by Year
in descending order

22 papers	663 citations	687363 13 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	691 citing authors

#	Article	IF	Citations
1	B Cells in Teleost Fish Act as Pivotal Initiating APCs in Priming Adaptive Immunity: An Evolutionary Perspective on the Origin of the B-1 Cell Subset and B7 Molecules. Journal of Immunology, 2014, 192, 2699-2714.	0.8	134
2	Characterization of an NLRP1 Inflammasome from Zebrafish Reveals a Unique Sequential Activation Mechanism Underlying Inflammatory Caspases in Ancient Vertebrates. Journal of Immunology, 2018, 201, 1946-1966.	0.8	75
3	The zebrafish NLRP3 inflammasome has functional roles in ASC-dependent interleukin-1Î² maturation and gasdermin Eâ€“mediated pyroptosis. Journal of Biological Chemistry, 2020, 295, 1120-1141.	3.4	65
4	RIG-I: a multifunctional protein beyond a pattern recognition receptor. Protein and Cell, 2018, 9, 246-253.	11.0	59
5	Characterization of surface phenotypic molecules of teleost dendritic cells. Developmental and Comparative Immunology, 2015, 49, 38-43.	2.3	54
6	The zebrafish NLRP3 inflammasome has functional roles in ASC-dependent interleukin-1Î² maturation and gasdermin Eâ€“mediated pyroptosis. Journal of Biological Chemistry, 2020, 295, 1120-1141.	3.4	41
7	Costimulatory Function of Cd58/Cd2 Interaction in Adaptive Humoral Immunity in a Zebrafish Model. Frontiers in Immunology, 2018, 9, 1204.	4.8	36
8	Essential Roles of TIM-1 and TIM-4 Homologs in Adaptive Humoral Immunity in a Zebrafish Model. Journal of Immunology, 2016, 196, 1686-1699.	0.8	34
9	Peroxiredoxin 1 (Prx1) is a dual-function enzyme by possessing Cys-independent catalase-like activity. Biochemical Journal, 2017, 474, 1373-1394.	3.7	28
10	Mesenchymal stem cells attenuate liver fibrosis by targeting Ly6Chi/lo macrophages through activating the cytokine-paracrine and apoptotic pathways. Cell Death Discovery, 2021, 7, 239.	4.7	26
11	Characterization of cGAS homologs in innate and adaptive mucosal immunities in zebrafish gives evolutionary insights into cGASâ€STING pathway. FASEB Journal, 2020, 34, 7786-7809.	0.5	25
12	Differential immune responses of immunoglobulin Z subclass members in antibacterial immunity in a zebrafish model. Immunology, 2021, 162, 105-120.	4.4	20
13	Evolutionary implication of B-1 lineage cells from innate to adaptive immunity. Molecular Immunology, 2016, 69, 123-130.	2.2	18
14	BTLAâ€“HVEM Checkpoint Axis Regulates Hepatic Homeostasis and Inflammation in a ConA-Induced Hepatitis Model in Zebrafish. Journal of Immunology, 2019, 203, 2425-2442.	0.8	14
15	Stimulatory function of peroxiredoxin 1 in activating adaptive humoral immunity in a zebrafish model. Developmental and Comparative Immunology, 2018, 84, 353-360.	2.3	11
16	New Insights into IgZ as a Maternal Transfer Ig Contributing to the Early Defense of Fish against Pathogen Infection. Journal of Immunology, 2021, 206, 2001-2014.	0.8	9
17	Inhibitory Role of an Aeromonas hydrophila TIR Domain Effector in Antibacterial Immunity by Targeting TLR Signaling Complexes in Zebrafish. Frontiers in Microbiology, 2021, 12, 694081.	3.5	6
18	Essential Role of RIG-I in Hematopoietic Precursor Emergence in Primitive Hematopoiesis during Zebrafish Development. ImmunoHorizons, 2022, 6, 283-298.	1.8	3

#	Article	IF	Citations
19	Zbtb46 Controls Dendritic Cell Activation by Reprogramming Epigenetic Regulation of cd80/86 and cd40 Costimulatory Signals in a Zebrafish Model. Journal of Immunology, 2022, 208, 2686-2701.	0.8	2
20	Regulatory role of BTLA and HVEM checkpoint inhibitors in T cell activation in a perciform fish Larimichthys crocea. Developmental and Comparative Immunology, 2021, 128, 104312.	2.3	1
21	Functional role of CD40 and CD154 costimulatory signals in IgZ-mediated immunity against bacterial infection. Fish and Shellfish Immunology Reports, 2021, 2, 100038.	1.2	1
22	Extensive involvement of CD40 and CD154 costimulators in multiple T cell-mediated responses in a perciform fish Larimichthys crocea. Developmental and Comparative Immunology, 2022, 134, 104460.	2.3	1