

# Tong Shao

## List of Publications by Year in descending order

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22  
papers

663  
citations

687363

13  
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677142

22  
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#	ARTICLE	IF	CITATIONS
1	Essential Role of RIG-I in Hematopoietic Precursor Emergence in Primitive Hematopoiesis during Zebrafish Development. <i>ImmunoHorizons</i> , 2022, 6, 283-298.	1.8	3
2	Extensive involvement of CD40 and CD154 costimulators in multiple T cell-mediated responses in a perciform fish <i>Larimichthys crocea</i> . <i>Developmental and Comparative Immunology</i> , 2022, 134, 104460.	2.3	1
3	Zbtb46 Controls Dendritic Cell Activation by Reprogramming Epigenetic Regulation of <i>cd80/86</i> and <i>cd40</i> Costimulatory Signals in a Zebrafish Model. <i>Journal of Immunology</i> , 2022, 208, 2686-2701.	0.8	2
4	Differential immune responses of immunoglobulin Z subclass members in antibacterial immunity in a zebrafish model. <i>Immunology</i> , 2021, 162, 105-120.	4.4	20
5	New Insights into IgZ as a Maternal Transfer Ig Contributing to the Early Defense of Fish against Pathogen Infection. <i>Journal of Immunology</i> , 2021, 206, 2001-2014.	0.8	9
6	Inhibitory Role of an <i>Aeromonas hydrophila</i> TIR Domain Effector in Antibacterial Immunity by Targeting TLR Signaling Complexes in Zebrafish. <i>Frontiers in Microbiology</i> , 2021, 12, 694081.	3.5	6
7	Mesenchymal stem cells attenuate liver fibrosis by targeting Ly6Chi/lo macrophages through activating the cytokine-paracrine and apoptotic pathways. <i>Cell Death Discovery</i> , 2021, 7, 239.	4.7	26
8	Regulatory role of BTLA and HVEM checkpoint inhibitors in T cell activation in a perciform fish <i>Larimichthys crocea</i> . <i>Developmental and Comparative Immunology</i> , 2021, 128, 104312.	2.3	1
9	Functional role of CD40 and CD154 costimulatory signals in IgZ-mediated immunity against bacterial infection. <i>Fish and Shellfish Immunology Reports</i> , 2021, 2, 100038.	1.2	1
10	The zebrafish NLRP3 inflammasome has functional roles in ASC-dependent interleukin-1 $\beta$ maturation and gasdermin E-mediated pyroptosis. <i>Journal of Biological Chemistry</i> , 2020, 295, 1120-1141.	3.4	41
11	Characterization of cGAS homologs in innate and adaptive mucosal immunities in zebrafish gives evolutionary insights into cGAS-STING pathway. <i>FASEB Journal</i> , 2020, 34, 7786-7809.	0.5	25
12	The zebrafish NLRP3 inflammasome has functional roles in ASC-dependent interleukin-1 $\beta$ maturation and gasdermin E-mediated pyroptosis. <i>Journal of Biological Chemistry</i> , 2020, 295, 1120-1141.	3.4	65
13	BTLA-HVEM Checkpoint Axis Regulates Hepatic Homeostasis and Inflammation in a ConA-Induced Hepatitis Model in Zebrafish. <i>Journal of Immunology</i> , 2019, 203, 2425-2442.	0.8	14
14	Stimulatory function of peroxiredoxin 1 in activating adaptive humoral immunity in a zebrafish model. <i>Developmental and Comparative Immunology</i> , 2018, 84, 353-360.	2.3	11
15	RIG-I: a multifunctional protein beyond a pattern recognition receptor. <i>Protein and Cell</i> , 2018, 9, 246-253.	11.0	59
16	Costimulatory Function of Cd58/Cd2 Interaction in Adaptive Humoral Immunity in a Zebrafish Model. <i>Frontiers in Immunology</i> , 2018, 9, 1204.	4.8	36
17	Characterization of an NLRP1 Inflammasome from Zebrafish Reveals a Unique Sequential Activation Mechanism Underlying Inflammatory Caspases in Ancient Vertebrates. <i>Journal of Immunology</i> , 2018, 201, 1946-1966.	0.8	75
18	Peroxiredoxin 1 (Prx1) is a dual-function enzyme by possessing Cys-independent catalase-like activity. <i>Biochemical Journal</i> , 2017, 474, 1373-1394.	3.7	28

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19	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
20	Evolutionary implication of B-1 lineage cells from innate to adaptive immunity. Molecular Immunology, 2016, 69, 123-130.	2.2	18
21	Characterization of surface phenotypic molecules of teleost dendritic cells. Developmental and Comparative Immunology, 2015, 49, 38-43.	2.3	54
22	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