

# Zhaoliang Su

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

7,478  
citations

172457

29  
h-index

54911

84  
g-index

114  
all docs

114  
docs citations

114  
times ranked

17572  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Alternatively activated macrophages; a double-edged sword in allergic asthma. <i>Journal of Translational Medicine</i> , 2020, 18, 58.	4.4	160
3	Upregulation of autophagy by hypoxia-inducible factor-1 $\alpha$ promotes EMT and metastatic ability of CD133+ pancreatic cancer stem-like cells during intermittent hypoxia. <i>Oncology Reports</i> , 2014, 32, 935-942.	2.6	116
4	Role of the Hypoxia-inducible factor-1 alpha induced autophagy in the conversion of non-stem pancreatic cancer cells into CD133+ pancreatic cancer stem-like cells. <i>Cancer Cell International</i> , 2013, 13, 119.	4.1	106
5	Polarization of ILC2s in Peripheral Blood Might Contribute to Immunosuppressive Microenvironment in Patients with Gastric Cancer. <i>Journal of Immunology Research</i> , 2014, 2014, 1-10.	2.2	102
6	Endogenous HMGB1 contributes to ischemia-reperfusion-induced myocardial apoptosis by potentiating the effect of TNF- $\alpha$ /JNK. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H913-H921.	3.2	94
7	IL-17 contributes to cardiac fibrosis following experimental autoimmune myocarditis by a PKC $\beta$ 2/Erk1/2/NF- $\kappa$ B-dependent signaling pathway. <i>International Immunology</i> , 2012, 24, 605-612.	4.0	90
8	The Alarmin Cytokine, High Mobility Group Box 1, Is Produced by Viable Cardiomyocytes and Mediates the Lipopolysaccharide-Induced Myocardial Dysfunction via a TLR4/Phosphatidylinositol 3-Kinase $\beta$ 3 Pathway. <i>Journal of Immunology</i> , 2010, 184, 1492-1498.	0.8	89
9	Cordycepin protects PC12 cells against 6-hydroxydopamine induced neurotoxicity via its antioxidant properties. <i>Biomedicine and Pharmacotherapy</i> , 2016, 81, 7-14.	5.6	83
10	Polysaccharides purified from <i>Cordyceps cicadae</i> protects PC12 cells against glutamate-induced oxidative damage. <i>Carbohydrate Polymers</i> , 2016, 153, 187-195.	10.2	81
11	HMGB1 blockade attenuates experimental autoimmune myocarditis and suppresses Th17 cell expansion. <i>European Journal of Immunology</i> , 2011, 41, 3586-3595.	2.9	76
12	IL-17 contributed to the neuropathic pain following peripheral nerve injury by promoting astrocyte proliferation and secretion of proinflammatory cytokines. <i>Molecular Medicine Reports</i> , 2017, 15, 89-96.	2.4	59
13	Enhanced HMGB1 Expression May Contribute to Th17 Cells Activation in Rheumatoid Arthritis. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-8.	3.3	57
14	Bacterial outer membrane vesicles, a potential vaccine candidate in interactions with host cells based. <i>Diagnostic Pathology</i> , 2018, 13, 95.	2.0	50
15	CCL21/CCR7 Axis Contributed to CD133+ Pancreatic Cancer Stem-Like Cell Metastasis via EMT and Erk/NF- $\kappa$ B Pathway. <i>PLoS ONE</i> , 2016, 11, e0158529.	2.5	47
16	LincRNA-p21 knockdown reversed tumor-associated macrophages function by promoting MDM2 to antagonize* p53 activation and alleviate breast cancer development. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 835-846.	4.2	47
17	IL-9 and IL-9-producing cells in tumor immunity. <i>Cell Communication and Signaling</i> , 2020, 18, 50.	6.5	47
18	Infiltration of Alternatively Activated Macrophages in Cancer Tissue Is Associated with MDSC and Th2 Polarization in Patients with Esophageal Cancer. <i>PLoS ONE</i> , 2014, 9, e104453.	2.5	47

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19	Whole-Genome Sequencing for the Investigation of a Hospital Outbreak of MRSA in China. <i>PLoS ONE</i> , 2016, 11, e0149844.	2.5	46
20	Neuroprotective effects of adenosine isolated from <i>Cordyceps cicadae</i> against oxidative and ER stress damages induced by glutamate in PC12 cells. <i>Environmental Toxicology and Pharmacology</i> , 2016, 44, 53-61.	4.0	46
21	Th17 cell expansion in gastric cancer may contribute to cancer development and metastasis. <i>Immunologic Research</i> , 2014, 58, 118-124.	2.9	43
22	MicroRNA-145 targets TRIM2 and exerts tumor-suppressing functions in epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2015, 139, 513-519.	1.4	40
23	Pivotal neuroinflammatory and therapeutic role of high mobility group box 1 in ischemic stroke. <i>Bioscience Reports</i> , 2017, 37, .	2.4	40
24	Non-tumor tissue derived interleukin-17B activates IL-17RB/AKT/ $\beta$ -catenin pathway to enhance the stemness of gastric cancer. <i>Scientific Reports</i> , 2016, 6, 25447.	3.3	39
25	Resveratrol ameliorates Lewis lung carcinoma-bearing mice development, decreases granulocytic myeloid-derived suppressor cell accumulation and impairs its suppressive ability. <i>Cancer Science</i> , 2018, 109, 2677-2686.	3.9	38
26	The Expression of Toll-like Receptor 8 and Its Relationship with VEGF and Bcl-2 in Cervical Cancer. <i>International Journal of Medical Sciences</i> , 2014, 11, 608-613.	2.5	36
27	PPAR $\alpha$ induces cell apoptosis by destructing Bcl2. <i>Oncotarget</i> , 2015, 6, 44635-44642.	1.8	35
28	IFN- $\gamma$ -producing Th17 cells bias by HMGB1-T-bet/RUNX3 axis might contribute to progression of coronary artery atherosclerosis. <i>Atherosclerosis</i> , 2015, 243, 421-428.	0.8	33
29	Dual faced HMGB1 plays multiple roles in cardiomyocyte senescence and cardiac inflammatory injury. <i>Cytokine and Growth Factor Reviews</i> , 2019, 47, 74-82.	7.2	33
30	IL-17B activated mesenchymal stem cells enhance proliferation and migration of gastric cancer cells. <i>Oncotarget</i> , 2017, 8, 18914-18923.	1.8	32
31	Paradoxical role of high mobility group box 1 in glioma: a suppressor or a promoter?. <i>Oncology Reviews</i> , 2017, 11, 325.	1.8	30
32	Crosstalk among colon cancer-derived exosomes, fibroblast-derived exosomes, and macrophage phenotypes in colon cancer metastasis. <i>International Immunopharmacology</i> , 2020, 81, 106298.	3.8	29
33	HMGB1 modulates Lewis cell autophagy and promotes cell survival via RAGE-HMGB1-Erk1/2 positive feedback during nutrient depletion. <i>Immunobiology</i> , 2015, 220, 539-544.	1.9	28
34	Post-translational modifications of high mobility group box 1 and cancer. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 5181-5196.	0.0	27
35	Mutations in <i>Helicobacter pylori</i> porD and oorD genes may contribute to furazolidone resistance. <i>Croatian Medical Journal</i> , 2006, 47, 410-5.	0.7	26
36	Up-regulated HMGB 1 in EAM directly led to collagen deposition by a PKC $\beta$ /Erk1/2-dependent pathway: cardiac fibroblast/myofibroblast might be another source of HMGB 1. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1740-1751.	3.6	25

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37	Challenges in adeno-associated virus-based treatment of central nervous system diseases through systemic injection. <i>Life Sciences</i> , 2021, 270, 119142.	4.3	25
38	Angiotensin II enhances the acetylation and release of HMGB1 in RAW264.7 macrophage. <i>Cell Biology International</i> , 2018, 42, 1160-1169.	3.0	24
39	Trophoblast Cell Subtypes and Dysfunction in the Placenta of Individuals with Preeclampsia Revealed by Single-Cell RNA Sequencing. <i>Molecules and Cells</i> , 2022, 45, 317-328.	2.6	24
40	Integrative analysis of outer membrane vesicles proteomics and whole-cell transcriptome analysis of eravacycline induced <i>Acinetobacter baumannii</i> strains. <i>BMC Microbiology</i> , 2020, 20, 31.	3.3	23
41	ILC2-derived IL-9 inhibits colorectal cancer progression by activating CD8+ T cells. <i>Cancer Letters</i> , 2021, 502, 34-43.	7.2	23
42	Enhanced circulating ILC2s and MDSCs may contribute to ensure maintenance of Th2 predominant in patients with lung cancer. <i>Molecular Medicine Reports</i> , 2017, 15, 4374-4381.	2.4	22
43	IL-17 producing innate lymphoid cells 3 (ILC3) but not Th17 cells might be the potential danger factor for preeclampsia and other pregnancy associated diseases. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 11100-7.	0.5	22
44	Synergistically increased ILC2 and Th9 cells in lung tissue jointly promote the pathological process of asthma in mice. <i>Molecular Medicine Reports</i> , 2016, 13, 5230-5240.	2.4	21
45	Herbaspirillum Species: A Potential Pathogenic Bacteria Isolated from Acute Lymphoblastic Leukemia Patient. <i>Current Microbiology</i> , 2011, 62, 331-333.	2.2	20
46	Four Novel Resistance Integron Gene-Cassette Occurrences in Bacterial Isolates from Zhenjiang, China. <i>Current Microbiology</i> , 2009, 59, 113-117.	2.2	19
47	Effects of IL-22 on cardiovascular diseases. <i>International Immunopharmacology</i> , 2020, 81, 106277.	3.8	18
48	HMGB1-induced ILC2s activate dendritic cells by producing IL-9 in asthmatic mouse model. <i>Cellular Immunology</i> , 2020, 352, 104085.	3.0	18
49	Downregulation of <i>Hlx</i> Closely Related to the Decreased Expressions of <i>T-bet</i> and <i>Runx3</i> in Patients with Gastric Cancer May Be Associated with a Pathological Event Leading to the Imbalance of Th1/Th2. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-8.	3.3	17
50	The role of B regulatory (B10) cells in inflammatory disorders and their potential as therapeutic targets. <i>International Immunopharmacology</i> , 2020, 78, 106111.	3.8	17
51	IL-22 ameliorated cardiomyocyte apoptosis in cardiac ischemia/reperfusion injury by blocking mitochondrial membrane potential decrease, inhibiting ROS and cytochrome C. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166171.	3.8	17
52	HMGB1 A box protects neurons by potently inhibiting both microglia and T cell-mediated inflammation in a mouse Parkinson's disease model. <i>Clinical Science</i> , 2020, 134, 2075-2090.	4.3	17
53	Calpain-2 promotes MKP-1 expression protecting cardiomyocytes in both in vitro and in vivo mouse models of doxorubicin-induced cardiotoxicity. <i>Archives of Toxicology</i> , 2019, 93, 1051-1065.	4.2	16
54	PGE2 ameliorated viral myocarditis development and promoted IL-10-producing regulatory B cell expansion via MAPKs/AKT-AP1 axis or AhR signaling. <i>Cellular Immunology</i> , 2020, 347, 104025.	3.0	15

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55	Myeloid-derived suppressor cells and myeloid regulatory cells in cancer and autoimmune disorders. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 378-388.	1.8	14
56	Vesicle-Mediated Dendritic Cell Activation in <i>Acinetobacter baumannii</i> Clinical Isolate, which Contributes to Th2 Response. <i>Journal of Immunology Research</i> , 2019, 2019, 1-11.	2.2	14
57	ANG II facilitated CD11+Ly6Chi cells reprogramming into M1-like macrophage through Erk1/2 or p38-Stat3 pathway and involved in EAM. <i>Journal of Leukocyte Biology</i> , 2018, 103, 719-730.	3.3	12
58	Myeloid-Derived Suppressor Cells in Cancers and Inflammatory Diseases: Angel or Demon?. <i>Scandinavian Journal of Immunology</i> , 2016, 84, 255-261.	2.7	11
59	HMGB1 silencing in macrophages prevented their functional skewing and ameliorated EAM development: Nuclear HMGB1 may be a checkpoint molecule of macrophage reprogramming. <i>International Immunopharmacology</i> , 2018, 56, 277-284.	3.8	11
60	Low frequency of IL-10-producing B cells and high density of ILC2s contribute to the pathological process in Graves' disease, which may be related to elevated-TRAb levels. <i>Autoimmunity</i> , 2020, 53, 78-85.	2.6	11
61	Bacterial bug-out bags: outer membrane vesicles and their proteins and functions. <i>Journal of Microbiology</i> , 2020, 58, 531-542.	2.8	11
62	Fibroblast transdifferentiation promotes conversion of M1 macrophages and replenishment of cardiac resident macrophages following cardiac injury in mice. <i>European Journal of Immunology</i> , 2020, 50, 795-808.	2.9	11
63	CpG-oligodeoxynucleotides suppress the proliferation of A549 lung adenocarcinoma cells via toll-like receptor 9 signaling and upregulation of Runt-related transcription factor 3 expression. <i>Biomedical Reports</i> , 2014, 2, 374-377.	2.0	10
64	Resident macrophages as potential therapeutic targets for cardiac ageing and injury. <i>Clinical and Translational Immunology</i> , 2020, 9, e1167.	3.8	10
65	In Silico Analysis of Tumor Necrosis Factor $\alpha$ -Induced Protein 8-Like-1 (TIPE1) Protein. <i>PLoS ONE</i> , 2015, 10, e0134114.	2.5	10
66	HMGB1 silence could promote MCF-7 cell apoptosis and inhibit invasion and metastasis. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 15940-6.	0.5	10
67	In Silico and In Vitro Screening of Natural Compounds as Broad-Spectrum $\beta$ -Lactamase Inhibitors against <i>Acinetobacter baumannii</i> New Delhi Metallo- $\beta$ -lactamase-1 (NDM-1). <i>BioMed Research International</i> , 2022, 2022, 1-19.	1.9	10
68	Circular RNA mediated gene regulation in chronic diabetic complications. <i>Scientific Reports</i> , 2021, 11, 23766.	3.3	10
69	Simultaneously increased expression of glucocorticoid-induced tumor necrosis factor receptor and its ligand contributes to increased interleukin-5/13-producing group 2 innate lymphocytes in murine asthma. <i>Molecular Medicine Reports</i> , 2017, 15, 4291-4299.	2.4	9
70	Genome and Transcriptome Analysis of <i>A. baumannii</i> 's $\alpha$ -Transient Increase in Drug Resistance under Tigecycline Pressure. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 219-225.	2.2	9
71	siRNA Targeting the 2Apro Genomic Region Prevents Enterovirus 71 Replication In Vitro. <i>PLoS ONE</i> , 2016, 11, e0149470.	2.5	8
72	Effects of functionally diverse calpain system on immune cells. <i>Immunologic Research</i> , 2021, 69, 8-17.	2.9	8

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73	Characterization and distribution of drug resistance associated $\beta$ -lactamase, membrane porin and efflux pump genes in MDR <i>A. baumannii</i> isolated from Zhenjiang, China. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 15393-402.	1.3	8
74	The Low Chamber Pancreatic Cancer Cells Had Stem-Like Characteristics in Modified Transwell System: Is It a Novel Method to Identify and Enrich Cancer Stem-Like Cells?. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	7
75	Angiotensin II $\alpha$ 1 chemokine receptor2/5 axis $\alpha$ dependent monocyte/macrophage recruitment contributes to progression of experimental autoimmune myocarditis. <i>Microbiology and Immunology</i> , 2017, 61, 539-546.	1.4	7
76	USP7 is associated with greater disease activity in systemic lupus erythematosus via stabilization of the IFN $\alpha$ receptor. <i>Molecular Medicine Reports</i> , 2017, 16, 2274-2280.	2.4	7
77	Downregulated Rac1 promotes apoptosis and inhibits the clearance of apoptotic cells in airway epithelial cells, which may be associated with airway hyperresponsiveness in asthma. <i>Scandinavian Journal of Immunology</i> , 2019, 89, e12752.	2.7	7
78	Emerging roles of non-coding RNAs in the metabolic reprogramming of tumor-associated macrophages. <i>Immunology Letters</i> , 2021, 232, 27-34.	2.5	7
79	Complex Class 1 Integron Containing bla CTX-M-1 Genes Isolated from <i>Escherichia coli</i> : A Potentially Novel Resistant Gene-Capturing Tool Kit. <i>Current Microbiology</i> , 2012, 64, 265-270.	2.2	6
80	A method of experimental rheumatoid arthritis induction using collagen type II isolated from chicken sternal cartilage. <i>Molecular Medicine Reports</i> , 2013, 8, 113-117.	2.4	6
81	The blaCTX-M-1 gene located in a novel complex class I integron bearing an ISCR1 element in <i>Escherichia coli</i> isolates from Zhenjiang, China. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1150-1151.	3.0	5
82	Local delivery of T-bet shRNA reduces inflammation in collagen II-induced arthritis via downregulation of IFN $\gamma$ and IL-17. <i>Molecular Medicine Reports</i> , 2014, 9, 899-903.	2.4	5
83	Synthesis and Anti-Inflammatory Effect of Sinomenine 4-Hydroxy Esters. <i>Chemistry of Natural Compounds</i> , 2018, 54, 131-136.	0.8	5
84	Role of Positive Selection in Functional Divergence of Mammalian Neuronal Apoptosis Inhibitor Proteins during Evolution. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-8.	3.0	4
85	Downregulation of Runx3 is closely related to the decreased Th1-associated factors in patients with gastric carcinoma. <i>Tumor Biology</i> , 2014, 35, 12235-12244.	1.8	4
86	Role of type 2 innate lymphoid cell and its related cytokines in tumor immunity. <i>Journal of Cellular Physiology</i> , 2020, 235, 3249-3257.	4.1	4
87	Enhanced circulating ILC2s accompany by upregulated MDSCs in patients with asthma. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 3568-79.	0.5	4
88	HMGB1 is a Potential and Challenging Therapeutic Target for Parkinson's Disease. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 47-58.	3.3	4
89	Increased frequencies of neutrophils in peripheral blood from patients with Graves' hyperthyroidism. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 7554-62.	0.5	3
90	Avian Influenza: Should China Be Alarmed?. <i>Yonsei Medical Journal</i> , 2007, 48, 586.	2.2	2

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91	Friend or foe of innate lymphoid cells in inflammation-associated cardiovascular disease. <i>Immunology</i> , 2021, 162, 368-376.	4.4	2
92	B10 cells decrease fibrosis progression following cardiac injury partially by IL-10 production and regulating hyaluronan secretion. <i>Journal of Leukocyte Biology</i> , 2021, , .	3.3	2
93	Reg3 $\beta$ : A Potential Therapeutic Target for Tissue Injury and Inflammation-Associated Disorders. <i>International Reviews of Immunology</i> , 2021, , 1-17.	3.3	2
94	Reg3 $\beta$ from cardiomyocytes regulated macrophage migration, proliferation and functional skewing in experimental autoimmune myocarditis. <i>American Journal of Clinical and Experimental Immunology</i> , 2018, 7, 8-15.	0.2	2
95	Expression and purification of the mGTR-Fc fusion protein and its effect on CD4+ T cells and dendritic cells in vitro. <i>Molecular Medicine Reports</i> , 2015, 12, 3965-3971.	2.4	1
96	The double-edged role of IL-22 in organ fibrosis. <i>Immunopharmacology and Immunotoxicology</i> , 2020, 42, 392-399.	2.4	1
97	lncRNA187415.1 silence in BCAMs ameliorated breast cancer progression by blocking C/EBP $\beta$ -lncRNA187415.1-miR-155 axis and reversing pro-tumor characteristic of BCAMs. <i>Clinical and Translational Medicine</i> , 2021, 11, e407.	4.0	1
98	The innate resistome of <i>Acinetobacter baumannii</i> and the role of nanoparticles in combating these MDR pathogens. <i>Applied Nanoscience (Switzerland)</i> , 0, , 1.	3.1	1
99	Decrease IL33 expression in cardiac fibroblasts with high concentration of glucose leads to collagen IV production: role of PKC $\delta$ . <i>FASEB Journal</i> , 2010, 24, 110.9.	0.5	0
100	Increase toll-like receptor 4 expression after ischemia/reperfusion contributes to myocardial apoptosis: role of PI3K $\beta$ /NF $\kappa$ B pathway. <i>FASEB Journal</i> , 2010, 24, 110.5.	0.5	0