

Chao Zhang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57 papers	8,583 citations	19 h-index	66 g-index
66 ext. papers	11,297 ext. citations	12.7 avg, IF	6.95 L-index

#	Paper	IF	Citations
57	Pathological findings of COVID-19 associated with acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 420-422	35.1	4985
56	Liver injury in COVID-19: management and challenges. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 428-430	18.8	1048
55	Proteomic and Metabolomic Characterization of COVID-19 Patient Sera. <i>Cell</i> , 2020 , 182, 59-72.e15	56.2	620
54	Genome-wide analysis of PTB-RNA interactions reveals a strategy used by the general splicing repressor to modulate exon inclusion or skipping. <i>Molecular Cell</i> , 2009 , 36, 996-1006	17.6	338
53	Single-cell landscape of immunological responses in patients with COVID-19. <i>Nature Immunology</i> , 2020 , 21, 1107-1118	19.1	230
52	Omics-Driven Systems Interrogation of Metabolic Dysregulation in COVID-19 Pathogenesis. <i>Cell Metabolism</i> , 2020 , 32, 188-202.e5	24.6	199
51	Immunological and inflammatory profiles in mild and severe cases of COVID-19. <i>Nature Communications</i> , 2020 , 11, 3410	17.4	186
50	What to do next to control the 2019-nCoV epidemic?. <i>Lancet, The</i> , 2020 , 395, 391-393	40	139
49	Human umbilical cord-derived mesenchymal stem cell therapy in patients with COVID-19: a phase 1 clinical trial. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 172	21	130
48	Expansion of myeloid-derived suppressor cells in patients with severe coronavirus disease (COVID-19). <i>Cell Death and Differentiation</i> , 2020 , 27, 3196-3207	12.7	115
47	Effect of human umbilical cord-derived mesenchymal stem cells on lung damage in severe COVID-19 patients: a randomized, double-blind, placebo-controlled phase 2 trial. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 58	21	70
46	NKG2A is a NK cell exhaustion checkpoint for HCV persistence. <i>Nature Communications</i> , 2019 , 10, 1507	17.4	65
45	Persistent hepatitis C virus infections and hepatopathological manifestations in immune-competent humanized mice. <i>Cell Research</i> , 2014 , 24, 1050-66	24.7	53
44	Macrophage-derived IL-1 β promotes sterile inflammation in a mouse model of acetaminophen hepatotoxicity. <i>Cellular and Molecular Immunology</i> , 2018 , 15, 973-982	15.4	52
43	The requirement of CD8 $^{+}$ T cells to initiate and augment acute cardiac inflammatory response to high blood pressure. <i>Journal of Immunology</i> , 2014 , 192, 3365-73	5.3	37
42	The Metabolic Regulator Histone Deacetylase 9 Contributes to Glucose Homeostasis Abnormality Induced by Hepatitis C Virus Infection. <i>Diabetes</i> , 2015 , 64, 4088-98	0.9	34
41	Mortality in COVID-19 disease patients: Correlating the association of major histocompatibility complex (MHC) with severe acute respiratory syndrome 2 (SARS-CoV-2) variants. <i>International Journal of Infectious Diseases</i> , 2020 , 98, 454-459	10.5	30

40	High levels of circulating GM-CSFCD4 T cells are predictive of poor outcomes in sepsis patients: a prospective cohort study. <i>Cellular and Molecular Immunology</i> , 2019 , 16, 602-610	15.4	26
39	A multi-omics investigation of the composition and function of extracellular vesicles along the temporal trajectory of COVID-19. <i>Nature Metabolism</i> , 2021 , 3, 909-922	14.6	24
38	Clinical characteristics of 60 discharged cases of 2019 novel coronavirus-infected pneumonia in Taizhou, China. <i>Annals of Translational Medicine</i> , 2020 , 8, 547	3.2	19
37	COVID-19 in people with HIV. <i>Lancet HIV</i> , 2020 , 7, e524-e526	7.8	17
36	The RNA-binding protein ROD1/PTBP3 cotranscriptionally defines AID-loading sites to mediate antibody class switch in mammalian genomes. <i>Cell Research</i> , 2018 , 28, 981-995	24.7	17
35	Immunometabolism: new insights and lessons from antigen-directed cellular immune responses. <i>Seminars in Immunopathology</i> , 2020 , 42, 279-313	12	16
34	NLRP3 inflammasome induces CD4+ T cell loss in chronically HIV-1-infected patients. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	14
33	CD2-Associated Protein Contributes to Hepatitis C, Virus Propagation and Steatosis by Disrupting Insulin Signaling. <i>Hepatology</i> , 2018 , 68, 1710-1725	11.2	13
32	Virtual memory CD8+ T cells restrain the viral reservoir in HIV-1-infected patients with antiretroviral therapy through derepressing KIR-mediated inhibition. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 1257-1265	15.4	10
31	Expression of CD39 Is Correlated With HIV DNA Levels in Naïve Tregs in Chronically Infected ART Naïve Patients. <i>Frontiers in Immunology</i> , 2019 , 10, 2465	8.4	10
30	Quinolinate Phosphoribosyltransferase is an Antiviral Host Factor Against Hepatitis C Virus Infection. <i>Scientific Reports</i> , 2017 , 7, 5876	4.9	10
29	Mesenchymal stem cell therapy for severe COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 339	21	10
28	Human mesenchymal stem cells treatment for severe COVID-19: 1-year follow-up results of a randomized, double-blind, placebo-controlled trial.. <i>EBioMedicine</i> , 2021 , 75, 103789	8.8	9
27	Is aberrant CD8+ T cell activation by hypertension associated with cardiac injury in severe cases of COVID-19?. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 675-676	15.4	8
26	Dynamics of HIV reservoir decay and naïve CD4 T-cell recovery between immune non-responders and complete responders on long-term antiretroviral treatment. <i>Clinical Immunology</i> , 2021 , 229, 108773 ⁹		5
25	Skewed CD39/CD73/adenosine pathway in B cells is associated with innate immune hyperactivation in chronic HIV-1 infection. <i>Translational Medicine Communications</i> , 2019 , 4,	4	4
24	Reversal of the CD8 T-Cell Exhaustion Induced by Chronic HIV-1 Infection Through Combined Blockade of the Adenosine and PD-1 Pathways. <i>Frontiers in Immunology</i> , 2021 , 12, 687296	8.4	4
23	Skewed CD39/CD73/adenosine pathway contributes to B-cell hyperactivation and disease progression in patients with chronic hepatitis B. <i>Gastroenterology Report</i> , 2021 , 9, 49-58	3.3	4

22	Immune Dysfunctions of CD56 NK Cells Are Associated With HIV-1 Disease Progression.. <i>Frontiers in Immunology</i> , 2021 , 12, 811091	8.4	3
21	Serum Lactate Dehydrogenase Level as a Prognostic Factor for COVID-19: A Retrospective Study Based on a Large Sample Size.. <i>Frontiers in Medicine</i> , 2021 , 8, 671667	4.9	3
20	HIV Reservoir Decay and CD4 Recovery Associated With High CD8 Counts in Immune Restored Patients on Long-Term ART. <i>Frontiers in Immunology</i> , 2020 , 11, 1541	8.4	3
19	Global transcriptomic characterization of T cells in individuals with chronic HIV-1 infection.. <i>Cell Discovery</i> , 2022 , 8, 29	22.3	3
18	An immunopathogenic perspective of interleukin-1 signaling. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 892-893	15.4	2
17	Transforming growth factor- β promotes the function of HIV-specific CXCR5 CD8 T cells. <i>Microbiology and Immunology</i> , 2020 , 64, 458-468	2.7	2
16	Single-cell landscape of immunological responses in COVID-19 patients		2
15	Changes of Damage Associated Molecular Patterns in COVID-19 Patients. <i>Infectious Diseases & Immunity</i> , 2021 , 1, 20-27		2
14	Systematic Discovery and Pathway Analyses of Metabolic Disturbance in COVID-19. <i>Infectious Diseases & Immunity</i> , 2021 , 1, 74-85		2
13	Implications of the accumulation of CXCR5 NK cells in lymph nodes of HIV-1 infected patients.. <i>EBioMedicine</i> , 2021 , 75, 103794	8.8	1
12	Mechanism of SARS-CoV-2 Invasion into the Liver and Hepatic Injury in Patients with COVID-19.. <i>Mediterranean Journal of Hematology and Infectious Diseases</i> , 2022 , 14, e2022003	3.2	1
11	The role of CD8 T cells in controlling HIV beyond the antigen-specific face. <i>HIV Medicine</i> , 2020 , 21, 692-700	7.0	1
10	Treatment with human umbilical cord-derived mesenchymal stem cells for COVID-19 patients with lung damage: a randomised, double-blind, placebo-controlled phase 2 trial		1
9	CD4+CD19+ conjugates favor HIV-1 infection and latency during chronic HIV-1 infection. <i>Aids</i> , 2020 , 34, 189-195	3.5	1
8	Hepatitis C: milestones from discovery to clinical cure. <i>Military Medical Research</i> , 2020 , 7, 59	19.3	1
7	Compromised long-lived memory CD8 T cells are associated with reduced IL-7 responsiveness in HIV-infected immunological nonresponders. <i>European Journal of Immunology</i> , 2021 , 51, 2027-2039	6.1	1
6	HIV-1-Specific CD11c CD8 T Cells Display Low PD-1 Expression and Strong Anti-HIV-1 Activity. <i>Frontiers in Immunology</i> , 2021 , 12, 757457	8.4	0
5	HLA-mismatched allogeneic adoptive immune therapy in severely immunosuppressed AIDS patients. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 174	21	0

4	Increased Neutrophil Aging Contributes to T Cell Immune Suppression by PD-L1 and Arginase-1 in HIV-1 Treatment Naïve Patients. <i>Frontiers in Immunology</i> , 2021 , 12, 670616	8.4	o
3	Increased Platelet-CD4 T Cell Aggregates Are Correlated With HIV-1 Permissiveness and CD4 T Cell Loss.. <i>Frontiers in Immunology</i> , 2021 , 12, 799124	8.4	o
2	The Progress and Challenges of Convalescent Plasma Therapy for Coronavirus Disease 2019. <i>Infectious Diseases & Immunity</i> , 2021 , 1, 52-58		
1	Characterization and Distribution of HIV-infected Cells in Semen.. <i>Emerging Microbes and Infections</i> , 2022 , 1-40	18.9	