Tao Dong

List of Publications by Year
in descending order

125 papers	14,749 citations	50276 46 h-index	22832 112 g-index
140 all docs	140 docs citations	140 times ranked	22827 citing authors

#	Article	IF	Citations
1	Safety and immunogenicity of the ChAdOx1 nCoV-19 vaccine against SARS-CoV-2: a preliminary report of a phase 1/2, single-blind, randomised controlled trial. Lancet, The, 2020, 396, 467-478.	13.7	2,080
2	Safety and immunogenicity of ChAdOx1 nCoV-19 vaccine administered in a prime-boost regimen in young and old adults (COV002): a single-blind, randomised, controlled, phase 2/3 trial. Lancet, The, 2020, 396, 1979-1993.	13.7	1,196
3	Broad and strong memory CD4+ and CD8+ T cells induced by SARS-CoV-2 in UK convalescent individuals following COVID-19. Nature Immunology, 2020, 21, 1336-1345.	14.5	1,066
4	Evidence of escape of SARS-CoV-2 variant B.1.351 from natural and vaccine-induced sera. Cell, 2021, 184, 2348-2361.e6.	28.9	936
5	Preexisting influenza-specific CD4+ T cells correlate with disease protection against influenza challenge in humans. Nature Medicine, 2012, 18, 274-280.	30.7	882
6	HIV-specific cytotoxic T-cells in HIV-exposed but uninfected Gambian women. Nature Medicine, 1995, 1, 59-64.	30.7	771
7	Original antigenic sin and apoptosis in the pathogenesis of dengue hemorrhagic fever. Nature Medicine, 2003, 9, 921-927.	30.7	707
8	Reduced neutralization of SARS-CoV-2 B.1.617 by vaccine and convalescent serum. Cell, 2021, 184, 4220-4236.e13.	28.9	630
9	Antibody evasion by the P.1 strain of SARS-CoV-2. Cell, 2021, 184, 2939-2954.e9.	28.9	519
10	Reduced neutralization of SARS-CoV-2 B.1.1.7 variant by convalescent and vaccine sera. Cell, 2021, 184, 2201-2211.e7.	28.9	442
11	Memory T cells established by seasonal human influenza A infection cross-react with avian influenza A (H5N1) in healthy individuals. Journal of Clinical Investigation, 2008, 118, 3478-90.	8.2	373
12	The antigenic anatomy of SARS-CoV-2 receptor binding domain. Cell, 2021, 184, 2183-2200.e22.	28.9	331
13	Interferon-induced transmembrane protein-3 genetic variant rs12252-C is associated with severe influenza in Chinese individuals. Nature Communications, 2013, 4, 1418.	12.8	228
14	Preliminary Assessment of the Efficacy of a T-Cellâ€“Based Influenza Vaccine, MVA-NP+M1, in Humans. Clinical Infectious Diseases, 2012, 55, 19-25.	5.8	224
15	Cutting Edge: Allele-Specific and Peptide-Dependent Interactions between KIR3DL1 and HLA-A and HLA-B. Journal of Immunology, 2007, 178, 33-37.	0.8	208
16	Systems biology of immunity to MF59-adjuvanted versus nonadjuvanted trivalent seasonal influenza vaccines in early childhood. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1853-1858.	7.1	176
17	Early T-Cell Responses to Dengue Virus Epitopes in Vietnamese Adults with Secondary Dengue Virus Infections. Journal of Virology, 2005, 79, 5665-5675.	3.4	156
18	Two doses of SARS-CoV-2 vaccination induce robust immune responses to emerging SARS-CoV-2 variants of concern. Nature Communications, 2021, 12, 5061.	12.8	150

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19	Interferon-Induced Transmembrane Protein 3 Genetic Variant rs12252-C Associated With Disease Severity in Coronavirus Disease 2019. Journal of Infectious Diseases, 2020, 222, 34-37.	4.0	140
20	Tumor-Induced Generation of Splenic Erythroblast-like Ter-Cells Promotes Tumor Progression. Cell, 2018, 173, 634-648.e12.	28.9	118
21	Promises and challenges of adoptive T-cell therapies for solid tumours. British Journal of Cancer, 2021, 124, 1759-1776.	6.4	113
22	An immunodominant NP105â€“113-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. Nature Immunology, 2022, 23, 50-61.	14.5	110
23	SARS-CoV-2-specific antibody and T-cell responses 1 year after infection in people recovered from COVID-19: a longitudinal cohort study. Lancet Microbe, The, 2022, 3, e348-e356.	7.3	107
24	Induction of Lectin-like Transcript 1 (LLT1) Protein Cell Surface Expression by Pathogens and Interferon-Î³ Contributes to Modulate Immune Responses. Journal of Biological Chemistry, 2011, 286, 37964-37975.	3.4	104
25	Rapid Death of Adoptively Transferred T Cells in Acquired Immunodeficiency Syndrome. Blood, 1999, 93, 1506-1510.	1.4	104
26	HIV-specific Cytotoxic T Cells from Long-Term Survivors Select a Unique T Cell Receptor. Journal of Experimental Medicine, 2004, 200, 1547-1557.	8.5	103
27	T cell assays differentiate clinical and subclinical SARS-CoV-2 infections from cross-reactive antiviral responses. Nature Communications, 2021, 12, 2055.	12.8	102
28	Development and validation of response markers to predict survival and pleurodesis success in patients with malignant pleural effusion (PROMISE): a multicohort analysis. Lancet Oncology, The, 2018, 19, 930-939.	10.7	92
29	A Novel Scoring System for Prediction of Disease Severity in COVID-19. Frontiers in Cellular and Infection Microbiology, 2020, 10, 318.	3.9	88
30	High Pro-Inflammatory Cytokine Secretion and Loss of High Avidity Cross-Reactive Cytotoxic T-Cells during the Course of Secondary Dengue Virus Infection. PLoS ONE, 2007, 2, e1192.	2.5	87
31	Activated innate lymphoid cell populations accumulate in human tumour tissues. BMC Cancer, 2018, 18, 341.	2.6	85
32	Antigenâ€specific release of Î²-chemokines by anti-HIV-1 cytotoxic T lymphocytes. Current Biology, 1998, 8, 355-358.	3.9	83
33	Timing of CD8+ T Cell Responses in Relation to Commencement of Capillary Leakage in Children with Dengue. Journal of Immunology, 2010, 184, 7281-7287.	0.8	77
34	Antigen Potency and Maximal Efficacy Reveal a Mechanism of Efficient T Cell Activation. Science Signaling, 2011, 4, ra39.	3.6	71
35	Clinical and epidemiological features of COVID-19 family clusters in Beijing, China. Journal of Infection, 2020, 81, e26-e30.	3.3	71
36	Characterization of humoral and SARS-CoV-2 specific T cell responses in people living with HIV. Nature Communications, 2021, 12, 5839.	12.8	67

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37	High Levels of Virus-Specific CD4⁺ T Cells Predict Severe Pandemic Influenza A Virus Infection. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 1292-1297.	5.6	64
38	Early Virological and Immunological Events in Asymptomatic Epstein-Barr Virus Infection in African Children. PLoS Pathogens, 2015, 11, e1004746.	4.7	64
39	M1-like monocytes are a major immunological determinant of severity in previously healthy adults with life-threatening influenza. JCI Insight, 2017, 2, e91868.	5.0	59
40	Maternal SDF1 3â€²A Polymorphism Is Associated with Increased Perinatal Human Immunodeficiency Virus Type 1 Transmission. Journal of Virology, 2000, 74, 5736-5739.	3.4	57
41	Composition and structure of synaptic ectosomes exporting antigen receptor linked to functional CD40 ligand from helper T cells. ELife, 2019, 8, .	6.0	57
42	The impact of viral mutations on recognition by SARS-CoV-2 specific TÂcells. IScience, 2021, 24, 103353.	4.1	57
43	Correlates of T-cellâ€“mediated viral control and phenotype of CD8+ T cells in HIV-2, a naturally contained human retroviral infection. Blood, 2013, 121, 4330-4339.	1.4	56
44	A Pilot Feasibility Study in Establishing the Role of Ultrasound-Guided Pleural Biopsies in Pleural Infection (The AUDIO Study). Chest, 2018, 154, 766-772.	0.8	53
45	Multilayered Defense in HLA-B51â€“Associated HIV Viral Control. Journal of Immunology, 2011, 187, 684-691.	0.8	49
46	HLA-B may be more protective against HIV-1 than HLA-A because it resists negative regulatory factor (Nef) mediated down-regulation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13353-13358.	7.1	47
47	High Frequency of HIV Mutations Associated with HLA-C Suggests Enhanced HLA-Câ€“Restricted CTL Selective Pressure Associated with an AIDS-Protective Polymorphism. Journal of Immunology, 2012, 188, 4663-4670.	0.8	47
48	An HLA-B35-restricted epitope modified at an anchor residue results in an antagonist peptide. European Journal of Immunology, 1996, 26, 335-339.	2.9	46
49	Enriched HLA-E and CD94/NKG2A Interaction Limits Antitumor CD8+ Tumor-Infiltrating T Lymphocyte Responses. Cancer Immunology Research, 2019, 7, 1293-1306.	3.4	46
50	Interferon-induced transmembrane protein-3 rs12252-C is associated with rapid progression of acute HIV-1 infection in Chinese MSM cohort. Aids, 2015, 29, 889-894.	2.2	45
51	Immune responses to a single dose of the AZD1222/Covishield vaccine in health care workers. Nature Communications, 2021, 12, 4617.	12.8	44
52	MLP-deficient human pluripotent stem cell derived cardiomyocytes develop hypertrophic cardiomyopathy and heart failure phenotypes due to abnormal calcium handling. Cell Death and Disease, 2019, 10, 610.	6.3	43
53	A Comprehensive Analysis of Key Immune Checkpoint Receptors on Tumor-Infiltrating T Cells From Multiple Types of Cancer. Frontiers in Oncology, 2019, 9, 1066.	2.8	43
54	Structureâ€“function analysis of neutralizing antibodies to H7N9 influenza from naturally infected humans. Nature Microbiology, 2019, 4, 306-315.	13.3	41

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55	Lack of Truncated IFITM3 Transcripts in Cells Homozygous for the rs12252-C Variant That is Associated With Severe Influenza Infection. Journal of Infectious Diseases, 2018, 217, 257-262.	4.0	40
56	IFITM3: How genetics influence influenza infection demographically. Biomedical Journal, 2019, 42, 19-26.	3.1	38
57	Identification of H5N1-Specific T-Cell Responses in a High-risk Cohort in Vietnam Indicates the Existence of Potential Asymptomatic Infections. Journal of Infectious Diseases, 2012, 205, 20-27.	4.0	37
58	Extensive HLA-driven viral diversity following a narrow-source HIV-1 outbreak in rural China. Blood, 2011, 118, 98-106.	1.4	36
59	Germline bias dictates cross-serotype reactivity in a common dengue-virus-specific CD8+ T cell response. Nature Immunology, 2017, 18, 1228-1237.	14.5	36
60	Effect of a Russian-backbone live-attenuated influenza vaccine with an updated pandemic H1N1 strain on shedding and immunogenicity among children in The Gambia: an open-label, observational, phase 4 study. Lancet Respiratory Medicine,the, 2019, 7, 665-676.	10.7	34
61	Preservation of a critical epitope core region is associated with the high degree of flaviviral crossâ€reactivity exhibited by a dengueâ€specific CD4⁺ T cell clone. European Journal of Immunology, 2008, 38, 1050-1057.	2.9	33
62	Genetic abrogation of immune checkpoints in antigen-specific cytotoxic T-lymphocyte as a potential alternative to blockade immunotherapy. Scientific Reports, 2018, 8, 5549.	3.3	29
63	Broadly Inhibiting Antineuraminidase Monoclonal Antibodies Induced by Trivalent Influenza Vaccine and H7N9 Infection in Humans. Journal of Virology, 2020, 94, .	3.4	29
64	Malignancy and IFITM3: Friend or Foe?. Frontiers in Oncology, 2020, 10, 593245.	2.8	29
65	Self-Maintaining CD103+ Cancer-Specific T Cells Are Highly Energetic with Rapid Cytotoxic and Effector Responses. Cancer Immunology Research, 2020, 8, 203-216.	3.4	27
66	The Antiviral Efficacy of HIV-Specific CD8+ T-Cells to a Conserved Epitope Is Heavily Dependent on the Infecting HIV-1 Isolate. PLoS Pathogens, 2011, 7, e1001341.	4.7	26
67	Boosted Influenza-Specific T Cell Responses after H5N1 Pandemic Live Attenuated Influenza Virus Vaccination. Frontiers in Immunology, 2015, 6, 287.	4.8	25
68	The Early Antibody-Dependent Cell-Mediated Cytotoxicity Response Is Associated With Lower Viral Set Point in Individuals With Primary HIV Infection. Frontiers in Immunology, 2018, 9, 2322.	4.8	25
69	Prolonged Evolution of Virus-Specific Memory T Cell Immunity after Severe Avian Influenza A (H7N9) Virus Infection. Journal of Virology, 2018, 92, .	3.4	25
70	Reply to "Failure to detect production of IL-10 by activated human neutrophils". Nature Immunology, 2011, 12, 1018-1020.	14.5	22
71	The bacteriology of pleural infection (TORPIDS): an exploratory metagenomics analysis through next generation sequencing. Lancet Microbe, The, 2022, 3, e294-e302.	7.3	22
72	IRF5 Promotes Influenza Virus-Induced Inflammatory Responses in Human Induced Pluripotent Stem Cell-Derived Myeloid Cells and Murine Models. Journal of Virology, 2020, 94, .	3.4	20

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73	Divergent trajectories of antiviral memory after SARS-CoV-2 infection. Nature Communications, 2022, 13, 1251.	12.8	20
74	Persistence of immune responses to the Sinopharm/BBIBPâ€CorV vaccine. Immunity, Inflammation and Disease, 2022, 10, .	2.7	20
75	T-cell trans-synaptic vesicles are distinct and carry greater effector content than constitutive extracellular vesicles. Nature Communications, 2022, 13, .	12.8	18
76	Rapid Death of Adoptively Transferred T Cells in Acquired Immunodeficiency Syndrome. Blood, 1999, 93, 1506-1510.	1.4	16
77	Human cancer germline antigen-specific cytotoxic T cellâ€"what can we learn from patient. Cellular and Molecular Immunology, 2020, 17, 684-692.	10.5	12
78	Immunodominance complexity: lessons yet to be learned from dominant T cell responses to SARS-COV-2. Current Opinion in Virology, 2021, 50, 183-191.	5.4	12
79	Association analysis between HLA-A, -B, -C, -DRB1, and -DQB1 with nasopharyngeal carcinoma among a Han population in Northwestern China. Human Immunology, 2014, 75, 197-202.	2.4	11
80	The presence of prolines in the flanking region of an immunodominant HIVâ€2 gag epitope influences the quality and quantity of the epitope generated. European Journal of Immunology, 2015, 45, 2232-2242.	2.9	11
81	Immune responses following the first dose of the Sputnik V (Gam-COVID-Vac). Scientific Reports, 2022, 12, 1727.	3.3	11
82	Dominant <scp>CD</scp>4â€dependent RNAâ€dependent RNA polymeraseâ€specific Tâ€cell responses in children acutely infected with human enterovirus 71 and healthy adult controls. Immunology, 2014, 142, 89-100.	4.4	9
83	Multiple T-cell responses are associated with better control of acute HIV-1 infection. Medicine (United) Tj ETQq1 1 0.784314 rgBT /Ov	1.0	9
84	Pleural Fluid Has Pro-Growth Biological Properties Which Enable Cancer Cell Proliferation. Frontiers in Oncology, 2021, 11, 658395.	2.8	9
85	Combinatorial HLA-peptide bead libraries for high throughput identification of CD8+ T cell specificity. Journal of Immunological Methods, 2014, 403, 72-78.	1.4	8
86	High Level Antibody Response to Pandemic Influenza H1N1/09 Virus Is Associated With Interferon-Induced Transmembrane Protein-3 rs12252-CC in Young Adults. Frontiers in Cellular and Infection Microbiology, 2018, 8, 134.	3.9	8
87	High polymorphism rates in well-known T cell epitopes restricted by protective HLA alleles during HIV infection are associated with rapid disease progression in early-infected MSM in China. Medical Microbiology and Immunology, 2019, 208, 239-251.	4.8	8
88	Biological effect of tissue plasminogen activator (t-PA) and DNase intrapleural delivery in pleural infection patients. BMJ Open Respiratory Research, 2019, 6, e000440.	3.0	8
89	RAD-Deficient Human Cardiomyocytes Develop Hypertrophic Cardiomyopathy Phenotypes Due to Calcium Dysregulation. Frontiers in Cell and Developmental Biology, 2020, 8, 585879.	3.7	8
90	Defective Interferon Gamma Production by Tumor-Specific CD8+ T Cells Is Associated With 5â€²Methylcytosine-Guanine Hypermethylation of Interferon Gamma Promoter. Frontiers in Immunology, 2020, 11, 310.	4.8	8

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91	Clinical perspective and practices on pleural effusions in chronic systemic inflammatory diseases. Breathe, 2020, 16, 200203.	1.3	8
92	Immune responses to Sinopharm/<scp>BBIBPâ€CorV</scp> in individuals in Sri Lanka. Immunology, 2022, 167, 275-285.	4.4	8
93	Patient-derived malignant pleural mesothelioma cell cultures: a tool to advance biomarker-driven treatments. Thorax, 2020, 75, 1004-1008.	5.6	7
94	Frequency distribution of HLA alleles and haplotypes in Uyghur women with advanced squamous cell cervical cancer and relation to HPV status and clinical outcome. Archives of Gynecology and Obstetrics, 2018, 297, 757-766.	1.7	6
95	HLA-associated polymorphisms in the HIV-2 capsid highlight key differences between HIV-1 and HIV-2 immune adaptation. Aids, 2018, 32, 709-714.	2.2	6
96	Killer-cell immunoglobulin-like receptors associate with HIV-1 infection in a narrow-source Han Chinese cohort. PLoS ONE, 2018, 13, e0195452.	2.5	6
97	Single-Molecule, Super-Resolution, and Functional Analysis of G Protein-Coupled Receptor Behavior Within the T Cell Immunological Synapse. Frontiers in Cell and Developmental Biology, 2020, 8, 608484.	3.7	6
98	Association between circulating CD39+CD8+ T cells pre-chemoradiotherapy and prognosis in patients with nasopharyngeal carcinoma. Chinese Medical Journal, 2021, 134, 2066-2072.	2.3	6
99	Distinct tumour antigen-specific T-cell immune response profiles at different hepatocellular carcinoma stages. BMC Cancer, 2021, 21, 1007.	2.6	6
100	Kinetics of immune responses to the AZD1222/Covishield vaccine with varying dose intervals in Sri Lankan individuals. Immunity, Inflammation and Disease, 2022, 10, e592.	2.7	6
101	Elevated CD54 Expression Renders CD4+ T Cells Susceptible to Natural Killer Cell-Mediated Killing. Journal of Infectious Diseases, 2019, 220, 1892-1903.	4.0	5
102	Interferon-induced transmembrane protein-3 rs12252-CC is associated with low differentiation and progression of hepatocellular carcinoma. Medicine (United States), 2019, 98, e13996.	1.0	5
103	hERG-deficient human embryonic stem cell-derived cardiomyocytes for modelling QT prolongation. Stem Cell Research and Therapy, 2021, 12, 278.	5.5	5
104	Ascorbic acid can promote the generation and expansion of neuroepithelial-like stem cells derived from hiPS/ES cells under chemically defined conditions through promoting collagen synthesis. Stem Cell Research and Therapy, 2021, 12, 48.	5.5	5
105	IFITM3â€specific antibody reveals IFN preferences and slow IFN induction of the antiviral factor IFITM3 in humans. European Journal of Immunology, 2021, 51, 742-745.	2.9	4
106	Generation of a TPM1 homozygous knockout embryonic stem cell line by CRISPR/Cas9 editing. Stem Cell Research, 2021, 55, 102470.	0.7	4
107	HLA-A*30. Journal of Cancer Research and Therapeutics, 2018, 14, 1266-1272.	0.9	4
108	A statistical approach to determining responses to individual peptides from pooled-peptide ELISpot data. Journal of Immunological Methods, 2016, 435, 43-49.	1.4	3

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109	HLA-A*02-B*46 haplotype: an adverse prognostic factor in Han patients with nasopharyngeal carcinoma. Journal of Huazhong University of Science and Technology [Medical Sciences], 2016, 36, 700-704.	1.0	3
110	Multi-layered Gag-specific immunodominant responses contribute to improved viral control in the CRF01_AE subtype of HIV-1-infected MSM subjects. BMC Immunology, 2016, 17, 28.	2.2	3
111	Analysis of HIV-1 envelope evolution suggests antibody-mediated selection of common epitopes among Chinese former plasma donors from a narrow-source outbreak. Scientific Reports, 2018, 8, 5743.	3.3	3
112	HIV-1â€“Specific Immunodominant T-Cell Responses Drive the Dynamics of HIV-1 Recombination Following Superinfection. Frontiers in Immunology, 2021, 12, 820628.	4.8	3
113	A Comprehensive Analysis of the Impact of HIV on HCV Immune Responses and Its Association with Liver Disease Progression in a Unique Plasma Donor Cohort. PLoS ONE, 2016, 11, e0158037.	2.5	2
114	T Cell Therapy Targeted on HLA-A02 Restricted HIV Antigen Epitopes: An Open Label Cellular Therapy Trial Using CD8+ T Cell. Frontiers in Immunology, 2019, 10, 437.	4.8	2
115	Reduced Neutralization of SARS-CoV-2 B.1.1.7 Variant from Naturally Acquired and Vaccine Induced Antibody Immunity. SSRN Electronic Journal, 0, , .	0.4	2
116	Microscale grooves regulate maturation development of hPSCâ€CMs by the transient receptor potential channels (TRP channels). Journal of Cellular and Molecular Medicine, 2021, 25, 3469-3483.	3.6	2
117	The establishment of a homozygous SNTA1 knockout human embryonic stem cell line (WAe009-A-50) using the CRISPR/Cas9 system. Stem Cell Research, 2021, 51, 102196.	0.7	2
118	HLA correlates in a cohort of slow progressors from China. Aids, 2013, 27, 2822-2824.	2.2	1
119	CD8+ cytotoxic T lymphocytes in human influenza virus infection. National Science Review, 2015, 2, 264-265.	9.5	1
120	Associations of Human Leukocyte Antigen-DRB1 Alleles with Nasopharyngeal Carcinoma and Its Clinical Significance in Xinjiang Uyghur Autonomous Region of China. Chinese Medical Journal, 2016, 129, 1347-1354.	2.3	1
121	Generation of a human iPSC line from a patient with Marfan syndrome caused by mutation in FBN1. Stem Cell Research, 2019, 36, 101414.	0.7	1
122	Generation of a homozygous COX6A2 knockout human embryonic stem cell line (WAe009-A-47) via an epiCRISPR/Cas9 system. Stem Cell Research, 2021, 50, 102152.	0.7	1
123	Human Leukocyte Antigen-A Allele Distribution in Nasopharyngeal Carcinoma Patients Showing Anti-Melanoma-Associated Antigen A or Synovial Sarcoma X-2 T Cell Response in Blood. Chinese Medical Journal, 2018, 131, 1289-1295.	2.3	0
124	Clonotypic architecture of a Gagâ€specific CD8+ Tâ€cell response in chronic human HIVâ€2 infection. European Journal of Immunology, 2021, 51, 2485-2500.	2.9	0
125	A longitudinal analysis of immune escapes from HLA-B*13-restricted T-cell responses at early stage of CRF01_AE subtype HIV-1 infection and implications for vaccine design. BMC Immunology, 2022, 23, 15.	2.2	0