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	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
2	Immune responses following the first dose of the Sputnik V (Gam-COVID-Vac). Scientific Reports, 2022, 12, 1727.	3.3	11
3	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
4	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
5	Divergent trajectories of antiviral memory after SARS-CoV-2 infection. Nature Communications, 2022, 13, 1251.	12.8	20
6	The bacteriology of pleural infection (TORPIDS): an exploratory metagenomics analysis through next generation sequencing. Lancet Microbe, The, 2022, 3, e294-e302.	7.3	22
7	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
8	Persistence of immune responses to the Sinopharm/BBIBPâ€CorV vaccine. Immunity, Inflammation and Disease, 2022, 10, .	2.7	20
9	T-cell trans-synaptic vesicles are distinct and carry greater effector content than constitutive extracellular vesicles. Nature Communications, 2022, 13, .	12.8	18
10	Immune responses to Sinopharm/<scp>BBIBPâ€CorV</scp> in individuals in Sri Lanka. Immunology, 2022, 167, 275-285.	4.4	8
11	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
12	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
13	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
14	Promises and challenges of adoptive T-cell therapies for solid tumours. British Journal of Cancer, 2021, 124, 1759-1776.	6.4	113
15	T cell assays differentiate clinical and subclinical SARS-CoV-2 infections from cross-reactive antiviral responses. Nature Communications, 2021, 12, 2055.	12.8	102
16	Pleural Fluid Has Pro-Growth Biological Properties Which Enable Cancer Cell Proliferation. Frontiers in Oncology, 2021, 11, 658395.	2.8	9
17	The antigenic anatomy of SARS-CoV-2 receptor binding domain. Cell, 2021, 184, 2183-2200.e22.	28.9	331
18	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

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19	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
20	hERG-deficient human embryonic stem cell-derived cardiomyocytes for modelling QT prolongation. Stem Cell Research and Therapy, 2021, 12, 278.	5.5	5
21	Antibody evasion by the P.1 strain of SARS-CoV-2. Cell, 2021, 184, 2939-2954.e9.	28.9	519
22	Immune responses to a single dose of the AZD1222/Covishield vaccine in health care workers. Nature Communications, 2021, 12, 4617.	12.8	44
23	Generation of a TPM1 homozygous knockout embryonic stem cell line by CRISPR/Cas9 editing. Stem Cell Research, 2021, 55, 102470.	0.7	4
24	Reduced neutralization of SARS-CoV-2 B.1.617 by vaccine and convalescent serum. Cell, 2021, 184, 4220-4236.e13.	28.9	630
25	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
26	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
27	Distinct tumour antigen-specific T-cell immune response profiles at different hepatocellular carcinoma stages. BMC Cancer, 2021, 21, 1007.	2.6	6
28	Clonotypic architecture of a Gagâ€spécific CD8+ Tâ€cell response in chronic human HIVâ€2 infection. European Journal of Immunology, 2021, 51, 2485-2500.	2.9	0
29	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
30	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
31	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
32	Characterization of humoral and SARS-CoV-2 specific T cell responses in people living with HIV. Nature Communications, 2021, 12, 5839.	12.8	67
33	The impact of viral mutations on recognition by SARS-CoV-2 specific TÂcells. IScience, 2021, 24, 103353.	4.1	57
34	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
35	Broadly Inhibiting Antineuraminidase Monoclonal Antibodies Induced by Trivalent Influenza Vaccine and H7N9 Infection in Humans. Journal of Virology, 2020, 94, .	3.4	29
36	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

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37	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
38	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
39	RAD-Deficient Human Cardiomyocytes Develop Hypertrophic Cardiomyopathy Phenotypes Due to Calcium Dysregulation. Frontiers in Cell and Developmental Biology, 2020, 8, 585879.	3.7	8
40	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
41	Patient-derived malignant pleural mesothelioma cell cultures: a tool to advance biomarker-driven treatments. Thorax, 2020, 75, 1004-1008.	5.6	7
42	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
43	A Novel Scoring System for Prediction of Disease Severity in COVID-19. Frontiers in Cellular and Infection Microbiology, 2020, 10, 318.	3.9	88
44	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
45	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
46	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
47	Clinical and epidemiological features of COVID-19 family clusters in Beijing, China. Journal of Infection, 2020, 81, e26-e30.	3.3	71
48	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
49	Clinical perspective and practices on pleural effusions in chronic systemic inflammatory diseases. Breathe, 2020, 16, 200203.	1.3	8
50	Malignancy and IFITM3: Friend or Foe?. Frontiers in Oncology, 2020, 10, 593245.	2.8	29
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	IFITM3: How genetics influence influenza infection demographically. Biomedical Journal, 2019, 42, 19-26.	3.1	38
61	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
62	Structureâ€“function analysis of neutralizing antibodies to H7N9 influenza from naturally infected humans. Nature Microbiology, 2019, 4, 306-315.	13.3	41
63	Composition and structure of synaptic ectosomes exporting antigen receptor linked to functional CD40 ligand from helper T cells. ELife, 2019, 8, .	6.0	57
64	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
65	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
66	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
67	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
68	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
69	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
70	Tumor-Induced Generation of Splenic Erythroblast-like Ter-Cells Promotes Tumor Progression. Cell, 2018, 173, 634-648.e12.	28.9	118
71	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
72	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

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73	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
74	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
75	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
76	Activated innate lymphoid cell populations accumulate in human tumour tissues. BMC Cancer, 2018, 18, 341.	2.6	85
77	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
78	HLA-A*30. Journal of Cancer Research and Therapeutics, 2018, 14, 1266-1272.	0.9	4
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	Multiple T-cell responses are associated with better control of acute HIV-1 infection. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	9
87	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
88	The presence of prolines in the flanking region of an immunodominant HIVâ€‘gag epitope influences the quality and quantity of the epitope generated. European Journal of Immunology, 2015, 45, 2232-2242.	2.9	11
89	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
90	Boosted Influenza-Specific T Cell Responses after H5N1 Pandemic Live Attenuated Influenza Virus Vaccination. Frontiers in Immunology, 2015, 6, 287.	4.8	25

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91	CD8+ cytotoxic T lymphocytes in human influenza virus infection. National Science Review, 2015, 2, 264-265.	9.5	1
92	Early Virological and Immunological Events in Asymptomatic Epstein-Barr Virus Infection in African Children. PLoS Pathogens, 2015, 11, e1004746.	4.7	64
93	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
94	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
95	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
96	HLA correlates in a cohort of slow progressors from China. Aids, 2013, 27, 2822-2824.	2.2	1
97	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
98	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
99	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
100	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
101	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
102	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
103	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
104	Preexisting influenza-specific CD4+ T cells correlate with disease protection against influenza challenge in humans. Nature Medicine, 2012, 18, 274-280.	30.7	882
105	Reply to "Failure to detect production of IL-10 by activated human neutrophils". Nature Immunology, 2011, 12, 1018-1020.	14.5	22
106	Extensive HLA-driven viral diversity following a narrow-source HIV-1 outbreak in rural China. Blood, 2011, 118, 98-106.	1.4	36
107	Antigen Potency and Maximal Efficacy Reveal a Mechanism of Efficient T Cell Activation. Science Signaling, 2011, 4, ra39.	3.6	71
108	Multilayered Defense in HLA-B51â€“Associated HIV Viral Control. Journal of Immunology, 2011, 187, 684-691.	0.8	49

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109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	Original antigenic sin and apoptosis in the pathogenesis of dengue hemorrhagic fever. Nature Medicine, 2003, 9, 921-927.	30.7	707
119	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
120	Rapid Death of Adoptively Transferred T Cells in Acquired Immunodeficiency Syndrome. Blood, 1999, 93, 1506-1510.	1.4	104
121	Rapid Death of Adoptively Transferred T Cells in Acquired Immunodeficiency Syndrome. Blood, 1999, 93, 1506-1510.	1.4	16
122	Antigenâ€“specific release of Î²-chemokines by anti-HIV-1 cytotoxic T lymphocytes. Current Biology, 1998, 8, 355-358.	3.9	83
123	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
124	HIV-specific cytotoxic T-cells in HIV-exposed but uninfected Gambian women. Nature Medicine, 1995, 1, 59-64.	30.7	771
125	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