Thi Hoang Oanh Nguyen

List of Publications by Year
in descending order

77 papers	7,106 citations	136950 32 h-index	91884 69 g-index
90 all docs	90 docs citations	90 times ranked	14610 citing authors

#	Article	IF	Citations
1	A serological assay to detect SARS-CoV-2 seroconversion in humans. Nature Medicine, 2020, 26, 1033-1036.	30.7	1,678
2	Breadth of concomitant immune responses prior to patient recovery: a case report of non-severe COVID-19. Nature Medicine, 2020, 26, 453-455.	30.7	917
3	Quantifiable predictive features define epitope-specific T cell receptor repertoires. Nature, 2017, 547, 89-93.	27.8	723
4	Resident memory CD8 ⁺ T cells in the upper respiratory tract prevent pulmonary influenza virus infection. Science Immunology, 2017, 2, .	11.9	205
5	Circulating T _{FH} cells, serological memory, and tissue compartmentalization shape human influenza-specific B cell immunity. Science Translational Medicine, 2018, 10, .	12.4	196
6	Age-Related Decline in Primary CD8+ T Cell Responses Is Associated with the Development of Senescence in Virtual Memory CD8+ T Cells. Cell Reports, 2018, 23, 3512-3524.	6.4	194
7	Human CD8+ T cell cross-reactivity across influenza A, B and C viruses. Nature Immunology, 2019, 20, 613-625.	14.5	180
8	SARS-CoV-2 mRNA vaccination elicits a robust and persistent T follicular helper cell response in humans. Cell, 2022, 185, 603-613.e15.	28.9	176
9	Suboptimal SARS-CoV-2â"specific CD8 ⁺ T cell response associated with the prominent HLA-A*02:01 phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24384-24391.	7.1	168
10	Influenza-specific lung-resident memory T cells are proliferative and polyfunctional and maintain diverse TCR profiles. Journal of Clinical Investigation, 2018, 128, 721-733.	8.2	147
11	Preexisting CD8 ⁺ T-cell immunity to the H7N9 influenza A virus varies across ethnicities. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1049-1054.	7.1	144
12	Atypical B cells are part of an alternative lineage of B cells that participates in responses to vaccination and infection in humans. Cell Reports, 2021, 34, 108684.	6.4	134
13	Systems serology detects functionally distinct coronavirus antibody features in children and elderly. Nature Communications, 2021, 12, 2037.	12.8	125
14	Molecular basis for universal HLA-A*0201â€"restricted CD8 ⁺ T-cell immunity against influenza viruses. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4440-4445.	7.1	122
15	Integrated immune dynamics define correlates of COVID-19 severity and antibody responses. Cell Reports Medicine, 2021, 2, 100208.	6.5	115
16	Anti-PEG Antibodies Boosted in Humans by SARS-CoV-2 Lipid Nanoparticle mRNA Vaccine. ACS Nano, 2022, 16, 11769-11780.	14.6	108
17	Clonally diverse CD38+HLA-DR+CD8+ T cells persist during fatal H7N9 disease. Nature Communications, 2018, 9, 824.	12.8	107
18	Altered microRNA expression in COVID-19 patients enables identification of SARS-CoV-2 infection. PLoS Pathogens, 2021, 17, e1009759.	4.7	107

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19	CD8+ TÂcells specific for an immunodominant SARS-CoV-2 nucleocapsid epitope display high naive precursor frequency and TCR promiscuity. Immunity, 2021, 54, 1066-1082.e5.	14.3	106
20	Knowns and unknowns of influenza B viruses. Future Microbiology, 2016, 11, 119-135.	2.0	88
21	Safety and immunogenicity of an MF59-adjuvanted spike glycoprotein-clamp vaccine for SARS-CoV-2: a randomised, double-blind, placebo-controlled, phase 1 trial. Lancet Infectious Diseases, The, 2021, 21, 1383-1394.	9.1	82
22	Recalling the Future: Immunological Memory Toward Unpredictable Influenza Viruses. Frontiers in Immunology, 2019, 10, 1400.	4.8	68
23	Innate and adaptive T cells in influenza disease. Frontiers of Medicine, 2018, 12, 34-47.	3.4	67
24	Downregulation of MHC Class I Expression by Influenza A and B Viruses. Frontiers in Immunology, 2019, 10, 1158.	4.8	65
25	Single-Cell Approach to Influenza-Specific CD8+ T Cell Receptor Repertoires Across Different Age Groups, Tissues, and Following Influenza Virus Infection. Frontiers in Immunology, 2018, 9, 1453.	4.8	63
26	With a Little Help from T Follicular Helper Friends: Humoral Immunity to Influenza Vaccination. Journal of Immunology, 2019, 202, 360-367.	0.8	60
27	Recognition of Distinct Cross-Reactive Virus-Specific CD8+ T Cells Reveals a Unique TCR Signature in a Clinical Setting. Journal of Immunology, 2014, 192, 5039-5049.	0.8	59
28	Perturbed CD8+ T cell immunity across universal influenza epitopes in the elderly. Journal of Leukocyte Biology, 2018, 103, 321-339.	3.3	54
29	Regulation of H3K4me3 at Transcriptional Enhancers Characterizes Acquisition of Virus-Specific CD8+ T Cell-Lineage-Specific Function. Cell Reports, 2017, 21, 3624-3636.	6.4	53
30	Impact of Commonly Used Transplant Immunosuppressive Drugs on Human NK Cell Function Is Dependent upon Stimulation Condition. PLoS ONE, 2013, 8, e60144.	2.5	41
31	Human Î³Î´ Tâ€cell receptor repertoire is shaped by influenza viruses, age and tissue compartmentalisation. Clinical and Translational Immunology, 2019, 8, e1079.	3.8	40
32	Fc functional antibodies in humans with severe H7N9 and seasonal influenza. JCI Insight, 2017, 2, .	5.0	39
33	Quantitative and Functional Diversity of Cross-Reactive EBV-Specific CD8+ T Cells in a Longitudinal Study Cohort of Lung Transplant Recipients. Transplantation, 2010, 90, 1439-1449.	1.0	36
34	Immune cellular networks underlying recovery from influenza virus infection in acute hospitalized patients. Nature Communications, 2021, 12, 2691.	12.8	34
35	Maintenance of the EBVâ€specific CD8⁺ TCRÎ±Î² repertoire in immunosuppressed lung transplant recipients. Immunology and Cell Biology, 2017, 95, 77-86.	2.3	31
36	The Drivers of Pathology in Zoonotic Avian Influenza: The Interplay Between Host and Pathogen. Frontiers in Immunology, 2018, 9, 1812.	4.8	31

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37	Robust correlations across six SARSâ€CoVâ€2 serology assays detecting distinct antibody features. Clinical and Translational Immunology, 2021, 10, e1258.	3.8	28
38	SARSâ€CoVâ€2â€specific CD8⁺ Tâ€cell responses and TCR signatures in the context of a prominent HLAâ€A*24:02 allomorph. Immunology and Cell Biology, 2021, 99, 990-1000.	2.3	28
39	The metabolic hormone leptin promotes the function of TFH cells and supports vaccine responses. Nature Communications, 2021, 12, 3073.	12.8	27
40	Influenza, but not SARSâ€CoVâ€2, infection induces a rapid interferon response that wanes with age and diminished tissueâ€resident memory CD8⁺ T cells. Clinical and Translational Immunology, 2021, 10, e1242.	3.8	25
41	Understanding CD8⁺ Tâ€cell responses toward the native and alternate HLAâ€Aâˆ—02:01â€restricted WT1 epitope. Clinical and Translational Immunology, 2017, 6, e134.	3.8	24
42	SARS-CoV-2-specific TÂcell memory with common TCRÎ±Î² motifs is established in unvaccinated children who seroconvert after infection. Immunity, 2022, 55, 1299-1315.e4.	14.3	23
43	A Dual-Antigen Enzyme-Linked Immunosorbent Assay Allows the Assessment of Severe Acute Respiratory Syndrome Coronavirus 2 Antibody Seroprevalence in a Low-Transmission Setting. Journal of Infectious Diseases, 2021, 223, 10-14.	4.0	21
44	T Cells Targeting SARS-CoV-2: By Infection, Vaccination, and Against Future Variants. Frontiers in Medicine, 2021, 8, 793102.	2.6	21
45	SARS-CoV-2 infection results in immune responses in the respiratory tract and peripheral blood that suggest mechanisms of disease severity. Nature Communications, 2022, 13, 2774.	12.8	21
46	Inability To Detect Cross-Reactive Memory T Cells Challenges the Frequency of Heterologous Immunity among Common Viruses. Journal of Immunology, 2018, 200, 3993-4003.	0.8	20
47	Divergent <scp>SATB</scp>1 expression across human life span and tissue compartments. Immunology and Cell Biology, 2019, 97, 498-511.	2.3	20
48	Monocyte apoptotic bodies are vehicles for influenza A virus propagation. Communications Biology, 2020, 3, 223.	4.4	20
49	CD8+ T cell landscape in Indigenous and non-Indigenous people restricted by influenza mortality-associated HLA-A*24:02 allomorph. Nature Communications, 2021, 12, 2931.	12.8	20
50	Structural basis of biased T cell receptor recognition of an immunodominant HLA-A2 epitope of the SARS-CoV-2 spike protein. Journal of Biological Chemistry, 2021, 297, 101065.	3.4	20
51	Distinguishing naiveâ€fromâ€memoryâ€derived human B cells during acute responses. Clinical and Translational Immunology, 2019, 8, e01090.	3.8	18
52	Cross-Reactive Anti-Viral T Cells Increase Prior to an Episode of Viral Reactivation Post Human Lung Transplantation. PLoS ONE, 2013, 8, e56042.	2.5	18
53	The Presence of HLA-E-Restricted, CMV-Specific CD8+ T Cells in the Blood of Lung Transplant Recipients Correlates with Chronic Allograft Rejection. PLoS ONE, 2015, 10, e0135972.	2.5	18
54	Crossâ€presentation of HCMV chimeric protein enables generation and measurement of polyclonal T cells. Immunology and Cell Biology, 2010, 88, 676-684.	2.3	16

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55	Deciphering the clinical relevance of allo-human leukocyte antigen cross-reactivity in mediating alloimmunity following transplantation. Current Opinion in Organ Transplantation, 2016, 21, 29-39.	1.6	15
56	Natural killer cell receptors regulate responses of HLA-Eâ€“restricted T cells. Science Immunology, 2021, 6, .	11.9	13
57	Unresponsiveness to inhaled antigen is governed by conventional dendritic cells and overridden during infection by monocytes. Science Immunology, 2020, 5, .	11.9	12
58	A Shared TCR Bias toward an Immunogenic EBV Epitope Dominates in HLA-B*07:02â€“Expressing Individuals. Journal of Immunology, 2020, 205, 1524-1534.	0.8	12
59	Preferential HLA-B27 Allorecognition Displayed by Multiple Cross-Reactive Antiviral CD8+ T Cell Receptors. Frontiers in Immunology, 2020, 11, 248.	4.8	7
60	Immune profiling of influenzaâ€specific Bâ€and Tâ€cell responses in macaques using flow cytometryâ€based assays. Immunology and Cell Biology, 2021, 99, 97-106.	2.3	6
61	Ferret Interferon (IFN)-Inducible Transmembrane Proteins Are Upregulated by both IFN-Î± and Influenza Virus Infection. Journal of Virology, 2021, 95, e0011121.	3.4	6
62	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. PLoS Pathogens, 2020, 16, e1008714.	4.7	5
63	Multiplex Screening Assay for Identifying Cytotoxic CD8+ T Cell Epitopes. Frontiers in Immunology, 2020, 11, 400.	4.8	5
64	Defective Severe Acute Respiratory Syndrome Coronavirus 2 Immune Responses in an Immunocompromised Individual With Prolonged Viral Replication. Open Forum Infectious Diseases, 2021, 8, ofab359.	0.9	5
65	Robust and prototypical immune responses toward influenza vaccines in the high-risk group of Indigenous Australians. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	4
66	Refinement in the production and purification of recombinant HCMV IE1â€“pp65 protein for the generation of epitope-specific T cell immunity. Protein Expression and Purification, 2008, 61, 22-30.	1.3	3
67	Genetic Bias, Diversity Indices, Physiochemical Properties and CDR3 Motifs Divide Auto-Reactive from Allo-Reactive T-Cell Repertoires. International Journal of Molecular Sciences, 2021, 22, 1625.	4.1	2
68	Expression and purification of the minor histocompatibility antigen, HA-1H generated in Escherichia coli. Protein Expression and Purification, 2007, 54, 176-182.	1.3	1
69	Temporal differences in culturable severe acute respiratory coronavirus virus 2 (SARS-CoV-2) from the respiratory and gastrointestinal tracts in a patient with moderate coronavirus disease 2019 (COVID-19). Infection Control and Hospital Epidemiology, 2022, 43, 1286-1288.	1.8	1
70	The Dynamics of the Ferret Immune Response During H7N9 Influenza Virus Infection. Frontiers in Immunology, 2020, 11, 559113.	4.8	0
71	Lung-resident Memory CD8+ T Cells in Human Influenza: How Innate are They?. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 753-755.	5.6	0
72	High Precursor Frequency and Promiscuity in Î²2 T Cell Receptor Pairing Underpin CD8+ T-Cell Responses to an Immunodominant SARS-CoV-2 Nucleocapsid Epitope. SSRN Electronic Journal, 0, , .	0.4	0

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73	Evaluation of Human Circulating T Follicular Helper Cells in Influenza- and SARS-CoV-2-Specific B Cell Immunity. Methods in Molecular Biology, 2022, 2380, 201-209.	0.9	0
74	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. , 2020, 16, e1008714.		0
75	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. , 2020, 16, e1008714.		0
76	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. , 2020, 16, e1008714.		0
77	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. , 2020, 16, e1008714.		0