# Thi Hoang Oanh Nguyen

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Anti-PEG Antibodies Boosted in Humans by SARS-CoV-2 Lipid Nanoparticle mRNA Vaccine. ACS Nano, 2022, 16, 11769-11780. | 14.6 | 108 |
| 7 | 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 |
| 8 | 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 |
| 9 | Influenza, but not SARSâ€CoVâ€2, infection induces a rapid interferon response that wanes with age and diminished tissueâ€resident memory CD8<sup>+</sup> T cells. Clinical and Translational Immunology, 2021, 10, e1242. | 3.8 | 25 |
| 10 | Robust correlations across six SARSâ€CoVâ€2 serology assays detecting distinct antibody features. Clinical and Translational Immunology, 2021, 10, e1258. | 3.8 | 28 |
| 11 | 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 |
| 12 | 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 |
| 13 | Integrated immune dynamics define correlates of COVID-19 severity and antibody responses. Cell Reports Medicine, 2021, 2, 100208. | 6.5 | 115 |
| 14 | Systems serology detects functionally distinct coronavirus antibody features in children and elderly. Nature Communications, 2021, 12, 2037. | 12.8 | 125 |
| 15 | Natural killer cell receptors regulate responses of HLA-Eâ€“restricted T cells. Science Immunology, 2021, 6, . | 11.9 | 13 |
| 16 | The metabolic hormone leptin promotes the function of TFH cells and supports vaccine responses. Nature Communications, 2021, 12, 3073. | 12.8 | 27 |
| 17 | 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 |
| 18 | Immune cellular networks underlying recovery from influenza virus infection in acute hospitalized patients. Nature Communications, 2021, 12, 2691. | 12.8 | 34 |

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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 | 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 |
| 21 | SARSâ€CoVâ€2â€specific CD8<sup>+</sup> 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 |
| 22 | Altered microRNA expression in COVID-19 patients enables identification of SARS-CoV-2 infection. PLoS Pathogens, 2021, 17, e1009759. | 4.7 | 107 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | T Cells Targeting SARS-CoV-2: By Infection, Vaccination, and Against Future Variants. Frontiers in Medicine, 2021, 8, 793102. | 2.6 | 21 |
| 29 | The Dynamics of the Ferret Immune Response During H7N9 Influenza Virus Infection. Frontiers in Immunology, 2020, 11, 559113. | 4.8 | 0 |
| 30 | Unresponsiveness to inhaled antigen is governed by conventional dendritic cells and overridden during infection by monocytes. Science Immunology, 2020, 5, . | 11.9 | 12 |
| 31 | HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. PLoS Pathogens, 2020, 16, e1008714. | 4.7 | 5 |
| 32 | Suboptimal SARS-CoV-2â^'specific CD8 <sup>+</sup> 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 |
| 33 | 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 |
| 34 | A serological assay to detect SARS-CoV-2 seroconversion in humans. Nature Medicine, 2020, 26, 1033-1036. | 30.7 | 1,678 |
| 35 | Monocyte apoptotic bodies are vehicles for influenza A virus propagation. Communications Biology, 2020, 3, 223. | 4.4 | 20 |
| 36 | Preferential HLA-B27 Allorecognition Displayed by Multiple Cross-Reactive Antiviral CD8+ T Cell Receptors. Frontiers in Immunology, 2020, 11, 248. | 4.8 | 7 |

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|---|---|---|---|
| 37 | 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 |
| 38 | Multiplex Screening Assay for Identifying Cytotoxic CD8+ T Cell Epitopes. Frontiers in Immunology, 2020, 11, 400. | 4.8 | 5 |
| 39 | HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. , 2020, 16, e1008714. | | 0 |
| 40 | HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. , 2020, 16, e1008714. | | 0 |
| 41 | HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. , 2020, 16, e1008714. | | 0 |
| 42 | HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. , 2020, 16, e1008714. | | 0 |
| 43 | Recalling the Future: Immunological Memory Toward Unpredictable Influenza Viruses. Frontiers in Immunology, 2019, 10, 1400. | 4.8 | 68 |
| 44 | 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 |
| 45 | Downregulation of MHC Class I Expression by Influenza A and B Viruses. Frontiers in Immunology, 2019, 10, 1158. | 4.8 | 65 |
| 46 | Divergent <scp>SATB</scp>1 expression across human life span and tissue compartments. Immunology and Cell Biology, 2019, 97, 498-511. | 2.3 | 20 |
| 47 | Human CD8+ T cell cross-reactivity across influenza A, B and C viruses. Nature Immunology, 2019, 20, 613-625. | 14.5 | 180 |
| 48 | Distinguishing naiveâ€•from memoryâ€derived human B cells during acute responses. Clinical and Translational Immunology, 2019, 8, e01090. | 3.8 | 18 |
| 49 | With a Little Help from T Follicular Helper Friends: Humoral Immunity to Influenza Vaccination. Journal of Immunology, 2019, 202, 360-367. | 0.8 | 60 |
| 50 | Perturbed CD8+ T cell immunity across universal influenza epitopes in the elderly. Journal of Leukocyte Biology, 2018, 103, 321-339. | 3.3 | 54 |
| 51 | Clonally diverse CD38+HLA-DR+CD8+ T cells persist during fatal H7N9 disease. Nature Communications, 2018, 9, 824. | 12.8 | 107 |
| 52 | Circulating T <sub>FH</sub> cells, serological memory, and tissue compartmentalization shape human influenza-specific B cell immunity. Science Translational Medicine, 2018, 10, . | 12.4 | 196 |
| 53 | Innate and adaptive T cells in influenza disease. Frontiers of Medicine, 2018, 12, 34-47. | 3.4 | 67 |
| 54 | 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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|---|---|---|---|
| 55 | 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 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | Understanding CD8<sup>+</sup> 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 |
| 60 | Quantifiable predictive features define epitope-specific T cell receptor repertoires. Nature, 2017, 547, 89-93. | 27.8 | 723 |
| 61 | Resident memory CD8 <sup>+</sup> T cells in the upper respiratory tract prevent pulmonary influenza virus infection. Science Immunology, 2017, 2, . | 11.9 | 205 |
| 62 | Maintenance of the EBVâ€specific CD8<sup>+</sup> TCRÎ±Î² repertoire in immunosuppressed lung transplant recipients. Immunology and Cell Biology, 2017, 95, 77-86. | 2.3 | 31 |
| 63 | 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 |
| 64 | Fc functional antibodies in humans with severe H7N9 and seasonal influenza. JCI Insight, 2017, 2, . | 5.0 | 39 |
| 65 | 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 |
| 66 | Molecular basis for universal HLA-A*0201â€“restricted CD8 <sup>+</sup> 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 |
| 67 | Knowns and unknowns of influenza B viruses. Future Microbiology, 2016, 11, 119-135. | 2.0 | 88 |
| 68 | 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 |
| 69 | Preexisting CD8 <sup>+</sup> 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 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

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|---|---|---|---|
| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | High Precursor Frequency and Promiscuity in ΐΐ² T Cell Receptor Pairing Underpin CD8+ T-Cell Responses to an Immunodominant SARS-CoV-2 Nucleocapsid Epitope. SSRN Electronic Journal, 0, , . | 0.4 | 0 |