# Trine H Mogensen

List of Publications by Year
in descending order



| 92 | 10,966 | 109264 35 | 45285 90 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 98 | 98 | 98 | 17542 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. Science Immunology, 2023, 8, . | 5.6 | 35 |
| 2 | Postpartum Disseminated Herpes Simplex Virus Type 1 Infection With Hemophagocytic Lymphohistiocytosis and Fulminant Neonatal Herpes Infection. Journal of Infectious Diseases, 2022, 225, 157-162. | 1.9 | 3 |
| 3 | A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. Nature Immunology, 2022, 23, 159-164. | 7.0 | 41 |
| 4 | Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598. | 13.7 | 216 |
| 5 | Innate immunological pathways in COVID-19 pathogenesis. Science Immunology, 2022, 7, eabm5505. | 5.6 | 101 |
| 6 | Human genetics of SARS-CoV-2 infection and critical COVID-19. Clinical Microbiology and Infection, 2022, 28, 1417-1421. | 2.8 | 3 |
| 7 | Genetic susceptibility to viral disease in humans. Clinical Microbiology and Infection, 2022, 28, 1411-1416. | 2.8 | 6 |
| 8 | Studying severe long COVID to understand post-infectious disorders beyond COVID-19. Nature Medicine, 2022, 28, 879-882. | 15.2 | 72 |
| 9 | Life-threatening viral disease in a novel form of autosomal recessive IFNAR2 deficiency in the Arctic. Journal of Experimental Medicine, 2022, 219, . | 4.2 | 33 |
| 10 | CRISPR-Cas in Diagnostics and Therapy of Infectious Diseases. Journal of Infectious Diseases, 2022, 226, 1867-1876. | 1.9 | 2 |
| 11 | The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200413119. | 3.3 | 110 |
| 12 | A Distinct Dexamethasone-Dependent Gene Expression Profile in the Lungs of COVID-19 Patients. Journal of Infectious Diseases, 2022, 226, 2137-2141. | 1.9 | 3 |
| 13 | Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. Journal of Experimental Medicine, 2022, 219, . | 4.2 | 21 |
| 14 | Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. Journal of Experimental Medicine, 2022, 219, . | 4.2 | 59 |
| 15 | Essential role of autophagy in restricting poliovirus infection revealed by identification of an ATG7 defect in a poliomyelitis patient. Autophagy, 2021, 17, 2449-2464. | 4.3 | 10 |
| 16 | Varicella Zoster Virus Encephalitis in Denmark From 2015 to 2019â€”A Nationwide Prospective Cohort Study. Clinical Infectious Diseases, 2021, 72, 1192-1199. | 2.9 | 30 |
| 17 | Constitutive immune mechanisms: mediators of host defence and immune regulation. Nature Reviews Immunology, 2021, 21, 137-150. | 10.6 | 152 |
| 18 | STK4 Deficiency Impairs Innate Immunity and Interferon Production Through Negative Regulation of TBK1-IRF3 Signaling. Journal of Clinical Immunology, 2021, 41, 109-124. | 2.0 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Whole-Exome Sequencing of Patients With Recurrent HSV-2 Lymphocytic Mollaret Meningitis. Journal of Infectious Diseases, 2021, 223, 1776-1786. | 1.9 | 9 |
| 20 | Brain immune cells undergo cGAS/STING-dependent apoptosis during herpes simplex virus type 1 infection to limit type I IFN production. Journal of Clinical Investigation, 2021, 131, . | 3.9 | 61 |
| 21 | Very early onset inflammatory bowel disease with compound heterozygous variants in Nuclear Factor of Activated T cell 5. European Journal of Immunology, 2021, 51, 999-1001. | 1.6 | 0 |
| 22 | Varicella-Zoster Virus Infection of Neurons Derived from Neural Stem Cells. Viruses, 2021, 13, 485. | 1.5 | 6 |
| 23 | Predicting Cognitive Rehabilitation Needs in Patients with Central Nervous System Infections Using Montreal Cognitive Assessment. SN Comprehensive Clinical Medicine, 2021, 3, 1350-1357. | 0.3 | 3 |
| 24 | Genetic Variants and Immune Responses in a Cohort of Patients With Varicella Zoster Virus Encephalitis. Journal of Infectious Diseases, 2021, 224, 2122-2132. | 1.9 | 8 |
| 25 | The Role of Autophagy in Varicella Zoster Virus Infection. Viruses, 2021, 13, 1053. | 1.5 | 9 |
| 26 | Harnessing Type I IFN Immunity Against SARS-CoV-2 with Early Administration of IFN-Î². Journal of Clinical Immunology, 2021, 41, 1425-1442. | 2.0 | 39 |
| 27 | From Your Nose to Your Toes: A Review of Severe Acute Respiratory Syndrome Coronavirus 2 Pandemicâ€'Associated Pernio. Journal of Investigative Dermatology, 2021, 141, 2791-2796. | 0.3 | 21 |
| 28 | Low morbidity in Danish patients with common variable immunodeficiency disorder infected with severe acute respiratory syndrome coronavirus 2. Infectious Diseases, 2021, 53, 1-6. | 1.4 | 13 |
| 29 | Host Genetics and Antiviral Immune Responses in Adult Patients With Multisystem Inflammatory Syndrome. Frontiers in Immunology, 2021, 12, 718744. | 2.2 | 14 |
| 30 | Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. Science Immunology, 2021, 6, . | 5.6 | 357 |
| 31 | X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. Science Immunology, 2021, 6, . | 5.6 | 267 |
| 32 | Pyrin Inflammasome Activation Abrogates Interleukinâ€1 Receptor Antagonist, Suggesting a New Mechanism Underlying Familial Mediterranean Fever Pathogenesis. Arthritis and Rheumatology, 2021, 73, 2116-2126. | 2.9 | 3 |
| 33 | Constitutive and latent immune mechanisms exert â€˜silentâ€™ control of virus infections in the central nervous system. Current Opinion in Immunology, 2021, 72, 158-166. | 2.4 | 9 |
| 34 | Recent Issues in Varicella-Zoster Virus Latency. Viruses, 2021, 13, 2018. | 1.5 | 21 |
| 35 | Fulminant H1N1 and severe acute respiratory syndrome coronavirus-2 infections with a 4-year interval without an identifiable underlying cause: a case report. Journal of Medical Case Reports, 2021, 15, 505. | 0.4 | 0 |
| 36 | Autoinflammatory disease with corneal and mucosal dyskeratosis caused by a novel NLRP1 variant. Rheumatology, 2020, 59, 2334-2339. | 0.9 | 22 |

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|---|---|---|---|
| 37 | SARS-CoV2-mediated suppression of NRF2-signaling reveals potent antiviral and anti-inflammatory activity of 4-octyl-itaconate and dimethyl fumarate. Nature Communications, 2020, 11, 4938. | 5.8 | 272 |
| 38 | Characterization of distinct molecular interactions responsible for IRF3 and IRF7 phosphorylation and subsequent dimerization. Nucleic Acids Research, 2020, 48, 11421-11433. | 6.5 | 28 |
| 39 | HSV1 VP1-2 deubiquitinates STING to block type I interferon expression and promote brain infection. Journal of Experimental Medicine, 2020, 217, . | 4.2 | 61 |
| 40 | Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, . | 6.0 | 1,749 |
| 41 | Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, . | 6.0 | 1,983 |
| 42 | Unexplored roles of type I interferon in antiviral immunity and regulation of inflammation revealed by studying patients with inborn errors of immunity. Clinical Infectious Diseases, 2020, , . | 2.9 | 0 |
| 43 | Defects in LC3B2 and ATG4A underlie HSV2 meningitis and reveal a critical role for autophagy in antiviral defense in humans. Science Immunology, 2020, 5, . | 5.6 | 27 |
| 44 | The Covid-19 pandemic in Denmark: Big lessons from a small country. Cytokine and Growth Factor Reviews, 2020, 53, 10-12. | 3.2 | 69 |
| 45 | Determinants of neurological syndromes caused by varicella zoster virus (VZV). Journal of NeuroVirology, 2020, 26, 482-495. | 1.0 | 22 |
| 46 | Deciphering the Role of Host Genetics in Susceptibility to Severe COVID-19. Frontiers in Immunology, 2020, 11, 1606. | 2.2 | 43 |
| 47 | Systemic juvenile idiopathic arthritis and recurrent macrophage activation syndrome due to a CASP1 variant causing inflammasome hyperactivation. Rheumatology, 2020, 59, 3099-3105. | 0.9 | 12 |
| 48 | Human inborn errors of immunity to herpes viruses. Current Opinion in Immunology, 2020, 62, 106-122. | 2.4 | 60 |
| 49 | Mutations in RNA Polymerase III genes and defective DNA sensing in adults with varicella-zoster virus CNS infection. Genes and Immunity, 2019, 20, 214-223. | 2.2 | 54 |
| 50 | Host Genetics, Innate Immune Responses, and Cellular Death Pathways in Poliomyelitis Patients. Frontiers in Microbiology, 2019, 10, 1495. | 1.5 | 7 |
| 51 | Identification of an IRF3 variant and defective antiviral interferon responses in a patient with severe influenza. European Journal of Immunology, 2019, 49, 2111-2114. | 1.6 | 13 |
| 52 | Autosomal Dominant Hyper-IgE Syndrome Without Significantly Elevated IgE. Journal of Clinical Immunology, 2019, 39, 827-831. | 2.0 | 3 |
| 53 | Defective interferon priming and impaired antiviral responses in a patient with an IRF7 variant and severe influenza. Medical Microbiology and Immunology, 2019, 208, 869-876. | 2.6 | 19 |
| 54 | Impaired immune responses to herpesviruses and microbial ligands in patients with Mono MAC. British Journal of Haematology, 2019, 186, 471-476. | 1.2 | 8 |

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|---|---|---|---|
| 55 | Interferon signature in patients with STAT1 gainâ€ofâ€function mutation is epigenetically determined. European Journal of Immunology, 2019, 49, 790-800. | 1.6 | 39 |
| 56 | Human SNORA31 variations impair cortical neuron-intrinsic immunity to HSV-1 and underlie herpes simplex encephalitis. Nature Medicine, 2019, 25, 1873-1884. | 15.2 | 76 |
| 57 | Frequently used bioinformatics tools overestimate the damaging effect of allelic variants. Genes and Immunity, 2019, 20, 10-22. | 2.2 | 12 |
| 58 | Identification of Novel Genetic Variants in CVID Patients With Autoimmunity, Autoinflammation, or Malignancy. Frontiers in Immunology, 2019, 10, 3022. | 2.2 | 28 |
| 59 | Multiple Homozygous Variants in the STING-Encoding TMEM173 Gene in HIV Long-Term Nonprogressors. Journal of Immunology, 2018, 200, 3372-3382. | 0.4 | 15 |
| 60 | Defective RNA sensing by RIG-I in severe influenza virus infection. Clinical and Experimental Immunology, 2018, 192, 366-376. | 1.1 | 39 |
| 61 | Severe capillary leak syndrome with cardiac arrest triggered by influenza virus infection. BMJ Case Reports, 2018, 2018, bcr-2018-226108. | 0.2 | 10 |
| 62 | Whole Exome Sequencing of HIV-1 long-term non-progressors identifies rare variants in genes encoding innate immune sensors and signaling molecules. Scientific Reports, 2018, 8, 15253. | 1.6 | 12 |
| 63 | Varicella-zoster virus CNS vasculitis and RNA polymerase III gene mutation in identical twins. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e500. | 3.1 | 49 |
| 64 | RNA Polymerase III as a Gatekeeper to Prevent Severe VZV Infections. Trends in Molecular Medicine, 2018, 24, 904-915. | 3.5 | 35 |
| 65 | Identification of a novel mutation in the factor VIII gene causing severe haemophilia A. BMC Hematology, 2018, 18, 17. | 2.6 | 3 |
| 66 | IRF and STAT Transcription Factors - From Basic Biology to Roles in Infection, Protective Immunity, and Primary Immunodeficiencies. Frontiers in Immunology, 2018, 9, 3047. | 2.2 | 148 |
| 67 | Identification and Characterization of a Nationwide Danish Adult Common Variable Immunodeficiency Cohort. Scandinavian Journal of Immunology, 2017, 85, 450-461. | 1.3 | 59 |
| 68 | Cutting Edge: Genetic Association between IFI16 Single Nucleotide Polymorphisms and Resistance to Genital Herpes Correlates with IFI16 Expression Levels and HSV-2â€“Induced IFN-Î² Expression. Journal of Immunology, 2017, 199, 2613-2617. | 0.4 | 21 |
| 69 | Incidence and mortality of herpes simplex encephalitis in Denmark: A nationwide registry-based cohort study. Journal of Infection, 2017, 74, 42-49. | 1.7 | 33 |
| 70 | Inborn errors in RNA polymerase III underlie severe varicella zoster virus infections. Journal of Clinical Investigation, 2017, 127, 3543-3556. | 3.9 | 125 |
| 71 | XIAP deficiency and MEFV variants resulting in an autoinflammatory lymphoproliferative syndrome. BMJ Case Reports, 2016, 2016, bcr2016216922. | 0.2 | 9 |
| 72 | Validity of the coding for herpes simplex encephalitis in the Danish National Patient Registry. Clinical Epidemiology, 2016, 8, 133. | 1.5 | 15 |

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|---|---|---|---|
| 73 | Ectodermal dysplasia with immunodeficiency caused by a branch-point mutation in IKBKG/NEMO. Journal of Allergy and Clinical Immunology, 2016, 138, 1706-1709.e4. | 1.5 | 11 |
| 74 | <scp>HSV</scp> â€1 <scp>ICP</scp> 27 targets the <scp>TBK</scp> 1â€activated STING signalsome to inhibit virusâ€induced type I <scp>IFN</scp> Âexpression. EMBO Journal, 2016, 35, 1385-1399. | 3.5 | 173 |
| 75 | Sensing of HSV-1 by the cGASâ€“STING pathway in microglia orchestrates antiviral defence in the CNS. Nature Communications, 2016, 7, 13348. | 5.8 | 245 |
| 76 | Altered fraction of regulatory B and T cells is correlated with autoimmune phenomena and splenomegaly in patients with CVID. Clinical Immunology, 2016, 162, 49-57. | 1.4 | 19 |
| 77 | Functional IRF3 deficiency in a patient with herpes simplex encephalitis. Journal of Experimental Medicine, 2015, 212, 1371-1379. | 4.2 | 171 |
| 78 | Primary Immunodeficiencies with Elevated IgE. International Reviews of Immunology, 2015, 35, 1-18. | 1.5 | 32 |
| 79 | Mutations in the TLR3 signaling pathway and beyond in adult patients with herpes simplex encephalitis. Genes and Immunity, 2015, 16, 552-566. | 2.2 | 75 |
| 80 | A STAT1-gain-of-function mutation causing Th17 deficiency with chronic mucocutaneous candidiasis, psoriasiform hyperkeratosis and dermatophytosis. BMJ Case Reports, 2015, 2015, bcr2015211372. | 0.2 | 25 |
| 81 | Innate DNA sensing is impaired in HIV patients and IFI16 expression correlates with chronic immune activation. Clinical and Experimental Immunology, 2014, 177, 295-309. | 1.1 | 31 |
| 82 | Misdiagnosed amoebic colitis leading to severe dysentery and necrotizing colitisâ€”Report of a case and review of the literature. Scandinavian Journal of Infectious Diseases, 2014, 46, 235-239. | 1.5 | 11 |
| 83 | T Cells Detect Intracellular DNA but Fail to Induce Type I IFN Responses: Implications for Restriction of HIV Replication. PLoS ONE, 2014, 9, e84513. | 1.1 | 45 |
| 84 | Common variable immunodeficiency unmasked by treatment of immune thrombocytopenic purpura with Rituximab. BMC Blood Disorders, 2013, 13, 4. | 0.9 | 26 |
| 85 | Identification of a novelSTAT3mutation in a patient with hyper-IgE syndrome. Scandinavian Journal of Infectious Diseases, 2013, 45, 235-238. | 1.5 | 11 |
| 86 | STAT3 and the Hyper-IgE syndrome. Jak-stat, 2013, 2, e23435. | 2.2 | 68 |
| 87 | IFI16 senses DNA forms of the lentiviral replication cycle and controls HIV-1 replication. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4571-80. | 3.3 | 285 |
| 88 | Genomic HIV RNA Induces Innate Immune Responses through RIG-I-Dependent Sensing of Secondary-Structured RNA. PLoS ONE, 2012, 7, e29291. | 1.1 | 119 |
| 89 | Innate immune recognition and activation during HIV infection. Retrovirology, 2010, 7, 54. | 0.9 | 137 |
| 90 | Chronic hepatitis caused by persistent parvovirus B19 infection. BMC Infectious Diseases, 2010, 10, 246. | 1.3 | 36 |

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|---|---|---|---|
| 91 | Pathogen Recognition and Inflammatory Signaling in Innate Immune Defenses. Clinical Microbiology Reviews, 2009, 22, 240-273. | 5.7 | 2,488 |
| 92 | Streptococcus pneumoniae stabilizes tumor necrosis factor Î± mRNA through a pathway dependent on p38 MAPK but independent of Toll-like receptors. BMC Immunology, 2008, 9, 52. | 0.9 | 4 |