

# Trine H Mogensen

## List of Publications by Year in descending order

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Version: 2024-02-01

92  
papers

10,966  
citations

109264

35  
h-index

45285

90  
g-index

98  
all docs

98  
docs citations

98  
times ranked

17542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen Recognition and Inflammatory Signaling in Innate Immune Defenses. <i>Clinical Microbiology Reviews</i> , 2009, 22, 240-273.	5.7	2,488
2	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	6.0	1,983
3	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	6.0	1,749
4	Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. <i>Science Immunology</i> , 2021, 6, .	5.6	357
5	IFI16 senses DNA forms of the lentiviral replication cycle and controls HIV-1 replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4571-80.	3.3	285
6	SARS-CoV2-mediated suppression of NRF2-signaling reveals potent antiviral and anti-inflammatory activity of 4-octyl-itaconate and dimethyl fumarate. <i>Nature Communications</i> , 2020, 11, 4938.	5.8	272
7	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , 2021, 6, .	5.6	267
8	Sensing of HSV-1 by the cGASâ€“STING pathway in microglia orchestrates antiviral defence in the CNS. <i>Nature Communications</i> , 2016, 7, 13348.	5.8	245
9	Human genetic and immunological determinants of critical COVID-19 pneumonia. <i>Nature</i> , 2022, 603, 587-598.	13.7	216
10	<sc>HSV</sc> â€“1 <sc>ICP</sc> 27 targets the <sc>TBK</sc> 1â€“activated STING signalsome to inhibit virusâ€“induced type I <sc>IFN</sc> Åexpression. <i>EMBO Journal</i> , 2016, 35, 1385-1399.	3.5	173
11	Functional IRF3 deficiency in a patient with herpes simplex encephalitis. <i>Journal of Experimental Medicine</i> , 2015, 212, 1371-1379.	4.2	171
12	Constitutive immune mechanisms: mediators of host defence and immune regulation. <i>Nature Reviews Immunology</i> , 2021, 21, 137-150.	10.6	152
13	IRF and STAT Transcription Factors - From Basic Biology to Roles in Infection, Protective Immunity, and Primary Immunodeficiencies. <i>Frontiers in Immunology</i> , 2018, 9, 3047.	2.2	148
14	Innate immune recognition and activation during HIV infection. <i>Retrovirology</i> , 2010, 7, 54.	0.9	137
15	Inborn errors in RNA polymerase III underlie severe varicella zoster virus infections. <i>Journal of Clinical Investigation</i> , 2017, 127, 3543-3556.	3.9	125
16	Genomic HIV RNA Induces Innate Immune Responses through RIG-I-Dependent Sensing of Secondary-Structured RNA. <i>PLoS ONE</i> , 2012, 7, e29291.	1.1	119
17	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200413119.	3.3	110
18	Innate immunological pathways in COVID-19 pathogenesis. <i>Science Immunology</i> , 2022, 7, eabm5505.	5.6	101

#	ARTICLE	IF	CITATIONS
19	Human SNORA31 variations impair cortical neuron-intrinsic immunity to HSV-1 and underlie herpes simplex encephalitis. <i>Nature Medicine</i> , 2019, 25, 1873-1884.	15.2	76
20	Mutations in the TLR3 signaling pathway and beyond in adult patients with herpes simplex encephalitis. <i>Genes and Immunity</i> , 2015, 16, 552-566.	2.2	75
21	Studying severe long COVID to understand post-infectious disorders beyond COVID-19. <i>Nature Medicine</i> , 2022, 28, 879-882.	15.2	72
22	The Covid-19 pandemic in Denmark: Big lessons from a small country. <i>Cytokine and Growth Factor Reviews</i> , 2020, 53, 10-12.	3.2	69
23	STAT3 and the Hyper-IgE syndrome. <i>Jak-stat</i> , 2013, 2, e23435.	2.2	68
24	HSV1 VP1-2 deubiquitinates STING to block type I interferon expression and promote brain infection. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	61
25	Brain immune cells undergo cGAS/STING-dependent apoptosis during herpes simplex virus type 1 infection to limit type I IFN production. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	61
26	Human inborn errors of immunity to herpes viruses. <i>Current Opinion in Immunology</i> , 2020, 62, 106-122.	2.4	60
27	Identification and Characterization of a Nationwide Danish Adult Common Variable Immunodeficiency Cohort. <i>Scandinavian Journal of Immunology</i> , 2017, 85, 450-461.	1.3	59
28	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	59
29	Mutations in RNA Polymerase III genes and defective DNA sensing in adults with varicella-zoster virus CNS infection. <i>Genes and Immunity</i> , 2019, 20, 214-223.	2.2	54
30	Varicella-zoster virus CNS vasculitis and RNA polymerase III gene mutation in identical twins. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e500.	3.1	49
31	T Cells Detect Intracellular DNA but Fail to Induce Type I IFN Responses: Implications for Restriction of HIV Replication. <i>PLoS ONE</i> , 2014, 9, e84513.	1.1	45
32	Deciphering the Role of Host Genetics in Susceptibility to Severe COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 1606.	2.2	43
33	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. <i>Nature Immunology</i> , 2022, 23, 159-164.	7.0	41
34	Defective RNA sensing by RIG-I in severe influenza virus infection. <i>Clinical and Experimental Immunology</i> , 2018, 192, 366-376.	1.1	39
35	Interferon signature in patients with <i>STAT1</i> gain-of-function mutation is epigenetically determined. <i>European Journal of Immunology</i> , 2019, 49, 790-800.	1.6	39
36	Harnessing Type I IFN Immunity Against SARS-CoV-2 with Early Administration of IFN- $\beta$ . <i>Journal of Clinical Immunology</i> , 2021, 41, 1425-1442.	2.0	39

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37	Chronic hepatitis caused by persistent parvovirus B19 infection. <i>BMC Infectious Diseases</i> , 2010, 10, 246.	1.3	36
38	RNA Polymerase III as a Gatekeeper to Prevent Severe VZV Infections. <i>Trends in Molecular Medicine</i> , 2018, 24, 904-915.	3.5	35
39	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. <i>Science Immunology</i> , 2023, 8, .	5.6	35
40	Incidence and mortality of herpes simplex encephalitis in Denmark: A nationwide registry-based cohort study. <i>Journal of Infection</i> , 2017, 74, 42-49.	1.7	33
41	Life-threatening viral disease in a novel form of autosomal recessive <i>IFNAR2</i> deficiency in the Arctic. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	33
42	Primary Immunodeficiencies with Elevated IgE. <i>International Reviews of Immunology</i> , 2015, 35, 1-18.	1.5	32
43	Innate DNA sensing is impaired in HIV patients and IFI16 expression correlates with chronic immune activation. <i>Clinical and Experimental Immunology</i> , 2014, 177, 295-309.	1.1	31
44	Varicella Zoster Virus Encephalitis in Denmark From 2015 to 2019—A Nationwide Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2021, 72, 1192-1199.	2.9	30
45	Characterization of distinct molecular interactions responsible for IRF3 and IRF7 phosphorylation and subsequent dimerization. <i>Nucleic Acids Research</i> , 2020, 48, 11421-11433.	6.5	28
46	Identification of Novel Genetic Variants in CVID Patients With Autoimmunity, Autoinflammation, or Malignancy. <i>Frontiers in Immunology</i> , 2019, 10, 3022.	2.2	28
47	Defects in <i>LC3B2</i> and <i>ATG4A</i> underlie HSV2 meningitis and reveal a critical role for autophagy in antiviral defense in humans. <i>Science Immunology</i> , 2020, 5, .	5.6	27
48	Common variable immunodeficiency unmasked by treatment of immune thrombocytopenic purpura with Rituximab. <i>BMC Blood Disorders</i> , 2013, 13, 4.	0.9	26
49	A STAT1-gain-of-function mutation causing Th17 deficiency with chronic mucocutaneous candidiasis, psoriasiform hyperkeratosis and dermatophytosis. <i>BMJ Case Reports</i> , 2015, 2015, bcr2015211372.	0.2	25
50	Autoinflammatory disease with corneal and mucosal dyskeratosis caused by a novel NLRP1 variant. <i>Rheumatology</i> , 2020, 59, 2334-2339.	0.9	22
51	Determinants of neurological syndromes caused by varicella zoster virus (VZV). <i>Journal of NeuroVirology</i> , 2020, 26, 482-495.	1.0	22
52	Cutting Edge: Genetic Association between IFI16 Single Nucleotide Polymorphisms and Resistance to Genital Herpes Correlates with IFI16 Expression Levels and HSV-2-Induced IFN- $\gamma$ Expression. <i>Journal of Immunology</i> , 2017, 199, 2613-2617.	0.4	21
53	From Your Nose to Your Toes: A Review of Severe Acute Respiratory Syndrome Coronavirus 2 Pandemic-Associated Pernio. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2791-2796.	0.3	21
54	Recent Issues in Varicella-Zoster Virus Latency. <i>Viruses</i> , 2021, 13, 2018.	1.5	21

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55	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	21
56	Altered fraction of regulatory B and T cells is correlated with autoimmune phenomena and splenomegaly in patients with COVID. <i>Clinical Immunology</i> , 2016, 162, 49-57.	1.4	19
57	Defective interferon priming and impaired antiviral responses in a patient with an IRF7 variant and severe influenza. <i>Medical Microbiology and Immunology</i> , 2019, 208, 869-876.	2.6	19
58	STK4 Deficiency Impairs Innate Immunity and Interferon Production Through Negative Regulation of TBK1-IRF3 Signaling. <i>Journal of Clinical Immunology</i> , 2021, 41, 109-124.	2.0	16
59	Validity of the coding for herpes simplex encephalitis in the Danish National Patient Registry. <i>Clinical Epidemiology</i> , 2016, 8, 133.	1.5	15
60	Multiple Homozygous Variants in the STING-Encoding <i>TMEM173</i> Gene in HIV Long-Term Nonprogressors. <i>Journal of Immunology</i> , 2018, 200, 3372-3382.	0.4	15
61	Host Genetics and Antiviral Immune Responses in Adult Patients With Multisystem Inflammatory Syndrome. <i>Frontiers in Immunology</i> , 2021, 12, 718744.	2.2	14
62	Identification of an <i>IRF3</i> variant and defective antiviral interferon responses in a patient with severe influenza. <i>European Journal of Immunology</i> , 2019, 49, 2111-2114.	1.6	13
63	Low morbidity in Danish patients with common variable immunodeficiency disorder infected with severe acute respiratory syndrome coronavirus 2. <i>Infectious Diseases</i> , 2021, 53, 1-6.	1.4	13
64	Whole Exome Sequencing of HIV-1 long-term non-progressors identifies rare variants in genes encoding innate immune sensors and signaling molecules. <i>Scientific Reports</i> , 2018, 8, 15253.	1.6	12
65	Frequently used bioinformatics tools overestimate the damaging effect of allelic variants. <i>Genes and Immunity</i> , 2019, 20, 10-22.	2.2	12
66	Systemic juvenile idiopathic arthritis and recurrent macrophage activation syndrome due to a <i>CASP1</i> variant causing inflammasome hyperactivation. <i>Rheumatology</i> , 2020, 59, 3099-3105.	0.9	12
67	Identification of a novel <i>STAT3</i> mutation in a patient with hyper-IgE syndrome. <i>Scandinavian Journal of Infectious Diseases</i> , 2013, 45, 235-238.	1.5	11
68	Misdiagnosed amoebic colitis leading to severe dysentery and necrotizing colitis – Report of a case and review of the literature. <i>Scandinavian Journal of Infectious Diseases</i> , 2014, 46, 235-239.	1.5	11
69	Ectodermal dysplasia with immunodeficiency caused by a branch-point mutation in <i>IKBK/NEMO</i> . <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1706-1709.e4.	1.5	11
70	Severe capillary leak syndrome with cardiac arrest triggered by influenza virus infection. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-226108.	0.2	10
71	Essential role of autophagy in restricting poliovirus infection revealed by identification of an <i>ATG7</i> defect in a poliomyelitis patient. <i>Autophagy</i> , 2021, 17, 2449-2464.	4.3	10
72	XIAP deficiency and <i>MEFV</i> variants resulting in an autoinflammatory lymphoproliferative syndrome. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016216922.	0.2	9

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73	Whole-Exome Sequencing of Patients With Recurrent HSV-2 Lymphocytic Mollaret Meningitis. <i>Journal of Infectious Diseases</i> , 2021, 223, 1776-1786.	1.9	9
74	The Role of Autophagy in Varicella Zoster Virus Infection. <i>Viruses</i> , 2021, 13, 1053.	1.5	9
75	Constitutive and latent immune mechanisms exert "silent" control of virus infections in the central nervous system. <i>Current Opinion in Immunology</i> , 2021, 72, 158-166.	2.4	9
76	Impaired immune responses to herpesviruses and microbial ligands in patients with Mono MAC. <i>British Journal of Haematology</i> , 2019, 186, 471-476.	1.2	8
77	Genetic Variants and Immune Responses in a Cohort of Patients With Varicella Zoster Virus Encephalitis. <i>Journal of Infectious Diseases</i> , 2021, 224, 2122-2132.	1.9	8
78	Host Genetics, Innate Immune Responses, and Cellular Death Pathways in Poliomyelitis Patients. <i>Frontiers in Microbiology</i> , 2019, 10, 1495.	1.5	7
79	Varicella-Zoster Virus Infection of Neurons Derived from Neural Stem Cells. <i>Viruses</i> , 2021, 13, 485.	1.5	6
80	Genetic susceptibility to viral disease in humans. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1411-1416.	2.8	6
81	<i>Streptococcus pneumoniae</i> stabilizes tumor necrosis factor $\alpha$ mRNA through a pathway dependent on p38 MAPK but independent of Toll-like receptors. <i>BMC Immunology</i> , 2008, 9, 52.	0.9	4
82	Identification of a novel mutation in the factor VIII gene causing severe haemophilia A. <i>BMC Hematology</i> , 2018, 18, 17.	2.6	3
83	Autosomal Dominant Hyper-IgE Syndrome Without Significantly Elevated IgE. <i>Journal of Clinical Immunology</i> , 2019, 39, 827-831.	2.0	3
84	Predicting Cognitive Rehabilitation Needs in Patients with Central Nervous System Infections Using Montreal Cognitive Assessment. <i>SN Comprehensive Clinical Medicine</i> , 2021, 3, 1350-1357.	0.3	3
85	Postpartum Disseminated Herpes Simplex Virus Type 1 Infection With Hemophagocytic Lymphohistiocytosis and Fulminant Neonatal Herpes Infection. <i>Journal of Infectious Diseases</i> , 2022, 225, 157-162.	1.9	3
86	Pyrimin Inflammation Abrogates Interleukin-1 Receptor Antagonist, Suggesting a New Mechanism Underlying Familial Mediterranean Fever Pathogenesis. <i>Arthritis and Rheumatology</i> , 2021, 73, 2116-2126.	2.9	3
87	Human genetics of SARS-CoV-2 infection and critical COVID-19. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1417-1421.	2.8	3
88	A Distinct Dexamethasone-Dependent Gene Expression Profile in the Lungs of COVID-19 Patients. <i>Journal of Infectious Diseases</i> , 2022, 226, 2137-2141.	1.9	3
89	CRISPR-Cas in Diagnostics and Therapy of Infectious Diseases. <i>Journal of Infectious Diseases</i> , 2022, 226, 1867-1876.	1.9	2
90	Unexplored roles of type I interferon in antiviral immunity and regulation of inflammation revealed by studying patients with inborn errors of immunity. <i>Clinical Infectious Diseases</i> , 2020, , .	2.9	0

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91	Very early onset inflammatory bowel disease with compound heterozygous variants in <i>Nuclear Factor of Activated T cell 5</i> . <i>European Journal of Immunology</i> , 2021, 51, 999-1001.	1.6	0
92	Fulminant H1N1 and severe acute respiratory syndrome coronavirus-2 infections with a 4-year interval without an identifiable underlying cause: a case report. <i>Journal of Medical Case Reports</i> , 2021, 15, 505.	0.4	0