

# Hans Henrik Gad

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,646  
citations

361413

20  
h-index

377865

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

5007  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                     | IF   | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Type I and III interferons disrupt lung epithelial repair during recovery from viral infection. <i>Science</i> , 2020, 369, 712-717.                                                                                                        | 12.6 | 333       |
| 2  | The Oligoadenylate Synthetase Family: An Ancient Protein Family with Multiple Antiviral Activities. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 41-47.                                                                   | 1.2  | 243       |
| 3  | <sc>IFN</sc> is a potent anti-influenza therapeutic without the inflammatory side effects of <sc>IFN</sc> treatment. <i>EMBO Molecular Medicine</i> , 2016, 8, 1099-1112.                                                                   | 6.9  | 228       |
| 4  | Inhibition of SARS-CoV-2 by type I and type III interferons. <i>Journal of Biological Chemistry</i> , 2020, 295, 13958-13964.                                                                                                               | 3.4  | 220       |
| 5  | IFN- prevents influenza virus spread from the upper airways to the lungs and limits virus transmission. <i>ELife</i> , 2018, 7, .                                                                                                           | 6.0  | 198       |
| 6  | Interferon- is Functionally an Interferon but Structurally Related to the Interleukin-10 Family. <i>Journal of Biological Chemistry</i> , 2009, 284, 20869-20875.                                                                           | 3.4  | 176       |
| 7  | Functional IRF3 deficiency in a patient with herpes simplex encephalitis. <i>Journal of Experimental Medicine</i> , 2015, 212, 1371-1379.                                                                                                   | 8.5  | 171       |
| 8  | Influenza A virus targets a cGAS-independent STING pathway that controls enveloped RNA viruses. <i>Nature Communications</i> , 2016, 7, 10680.                                                                                              | 12.8 | 169       |
| 9  | Human interferon-3 is a potent member of the type III interferon family. <i>Genes and Immunity</i> , 2009, 10, 125-131.                                                                                                                     | 4.1  | 150       |
| 10 | Mapping of Chikungunya Virus Interactions with Host Proteins Identified nsP2 as a Highly Connected Viral Component. <i>Journal of Virology</i> , 2012, 86, 3121-3134.                                                                       | 3.4  | 98        |
| 11 | Two cGAS-like receptors induce antiviral immunity in <i>Drosophila</i> . <i>Nature</i> , 2021, 597, 114-118.                                                                                                                                | 27.8 | 84        |
| 12 | Interferon- enhances adaptive mucosal immunity by boosting release of thymic stromal lymphopoietin. <i>Nature Immunology</i> , 2019, 20, 593-601.                                                                                           | 14.5 | 68        |
| 13 | The 2-5-Oligoadenylate Synthetase 3 Enzyme Potently Synthesizes the 2-5-Oligoadenylates Required for RNase L Activation. <i>Journal of Virology</i> , 2014, 88, 14222-14231.                                                                | 3.4  | 59        |
| 14 | Structural and functional analysis reveals that human OASL binds dsRNA to enhance RIG-I signaling. <i>Nucleic Acids Research</i> , 2015, 43, 5236-5248.                                                                                     | 14.5 | 57        |
| 15 | 2-3-cGAMP triggers a STING- and NF- dependent broad antiviral response in <i>Drosophila</i> . <i>Science Signaling</i> , 2020, 13, .                                                                                                        | 3.6  | 46        |
| 16 | Transcriptome analysis reveals a classical interferon signature induced by IFN-4 in human primary cells. <i>Genes and Immunity</i> , 2015, 16, 414-421.                                                                                     | 4.1  | 44        |
| 17 | The E2-E166K substitution restores Chikungunya virus growth in OAS3 expressing cells by acting on viral entry. <i>Virology</i> , 2012, 434, 27-37.                                                                                          | 2.4  | 36        |
| 18 | The interferon-stimulated gene product oligoadenylate synthetase-like protein enhances replication of Kaposi's sarcoma-associated herpesvirus (KSHV) and interacts with the KSHV ORF20 protein. <i>PLoS Pathogens</i> , 2018, 14, e1006937. | 4.7  | 28        |

| #  | ARTICLE                                                                                                                                                                                                                                | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | The Structure of Human Interferon Lambda and What It Has Taught Us. <i>Journal of Interferon and Cytokine Research</i> , 2010, 30, 565-571.                                                                                            | 1.2  | 25        |
| 20 | Type I and Type III Interferons Differ in Their Adjuvant Activities for Influenza Vaccines. <i>Journal of Virology</i> , 2019, 93, .                                                                                                   | 3.4  | 25        |
| 21 | Lambda Interferons: New Cytokines with Old Functions. <i>Pharmaceuticals</i> , 2010, 3, 795-809.                                                                                                                                       | 3.8  | 21        |
| 22 | A conserved sugar bridge connected to the WSXWS motif has an important role for transport of IL-21R to the plasma membrane. <i>Genes and Immunity</i> , 2015, 16, 405-413.                                                             | 4.1  | 19        |
| 23 | 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.                                                 | 4.8  | 19        |
| 24 | Length dependent activation of OAS proteins by dsRNA. <i>Cytokine</i> , 2020, 126, 154867.                                                                                                                                             | 3.2  | 18        |
| 25 | Selective Janus kinase inhibition preserves interferon- $\lambda$ -mediated antiviral responses. <i>Science Immunology</i> , 2021, 6, .                                                                                                | 11.9 | 16        |
| 26 | Selection of a Novel and Highly Specific Tumor Necrosis Factor $\beta$ (TNF $\beta$ ) Antagonist. <i>Journal of Biological Chemistry</i> , 2010, 285, 12096-12100.                                                                     | 3.4  | 15        |
| 27 | The <i>IFNL4</i> Gene Is a Noncanonical Interferon Gene with a Unique but Evolutionarily Conserved Regulation. <i>Journal of Virology</i> , 2020, 94, .                                                                                | 3.4  | 14        |
| 28 | 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.                                                 | 2.9  | 13        |
| 29 | Systemic juvenile idiopathic arthritis and recurrent macrophage activation syndrome due to a CASP1 variant causing inflammasome hyperactivation. <i>Rheumatology</i> , 2020, 59, 3099-3105.                                            | 1.9  | 12        |
| 30 | Species Specificity of Type III Interferon Activity and Development of a Sensitive Luciferase-Based Bioassay for Quantitation of Mouse Interferon- $\lambda$ . <i>Journal of Interferon and Cytokine Research</i> , 2018, 38, 469-479. | 1.2  | 11        |
| 31 | Effective Interferon Lambda Treatment Regimen To Control Lethal MERS-CoV Infection in Mice. <i>Journal of Virology</i> , 2022, 96, e0036422.                                                                                           | 3.4  | 8         |
| 32 | Rapid Uptake and Inhibition of Viral Propagation by Extracellular OAS1. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 359-366.                                                                                        | 1.2  | 7         |
| 33 | Interferon- $\lambda$ Improves the Efficacy of Intranasally or Rectally Administered Influenza Subunit Vaccines by a Thymic Stromal Lymphopoietin-Dependent Mechanism. <i>Frontiers in Immunology</i> , 2021, 12, 749325.              | 4.8  | 5         |
| 34 | The Influence of the rs30461 Single Nucleotide Polymorphism on IFN- $\lambda$ 1 Activity and Secretion. <i>Journal of Interferon and Cytokine Research</i> , 2019, 39, 661-667.                                                        | 1.2  | 4         |
| 35 | Chikungunya Virus Envelope Protein E2 Provides a Vector for Targeted Antigen Delivery to Human Dermal CD14+ Dendritic Cells. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2985-2989.e5.                                    | 0.7  | 0         |