# Tanel Mahlakoiv

## List of Publications by Year in descending order



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|---|---|---|---|
| 23 papers | 5,446 citations | 361045 20 h-index | 642321 23 g-index |
| 26 all docs | 26 docs citations | 26 times ranked | 8781 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Host microbiota constantly control maturation and function of microglia in the CNS. Nature Neuroscience, 2015, 18, 965-977. | 7.1 | 2,340 |
| 2 | The neuropeptide NMU amplifies ILC2-driven allergic lung inflammation. Nature, 2017, 549, 351-356. | 13.7 | 460 |
| 3 | The neuropeptide neuromedin U stimulates innate lymphoid cells and type 2 inflammation. Nature, 2017, 549, 282-286. | 13.7 | 400 |
| 4 | IFN-Î» determines the intestinal epithelial antiviral host defense. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7944-7949. | 3.3 | 369 |
| 5 | Interferon-Î» and interleukin 22 act synergistically for the induction of interferon-stimulated genes and control of rotavirus infection. Nature Immunology, 2015, 16, 698-707. | 7.0 | 252 |
| 6 | Type I and Type III Interferons Drive Redundant Amplification Loops to Induce a Transcriptional Signature in Influenza-Infected Airway Epithelia. PLoS Pathogens, 2013, 9, e1003773. | 2.1 | 229 |
| 7 | IFN-Î» prevents influenza virus spread from the upper airways to the lungs and limits virus transmission. ELife, 2018, 7, . | 2.8 | 198 |
| 8 | Neuropeptide CGRP Limits Group 2 Innate Lymphoid Cell Responses and Constrains Type 2 Inflammation. Immunity, 2019, 51, 682-695.e6. | 6.6 | 192 |
| 9 | Leukocyte-Derived IFN-Î±/Î² and Epithelial IFN-Î» Constitute a Compartmentalized Mucosal Defense System that Restricts Enteric Virus Infections. PLoS Pathogens, 2015, 11, e1004782. | 2.1 | 172 |
| 10 | Stromal cells maintain immune cell homeostasis in adipose tissue via production of interleukin-33. Science Immunology, 2019, 4, . | 5.6 | 170 |
| 11 | High Prevalence of Both Humoral and Cellular Immunity to Zaire ebolavirus among Rural Populations in Gabon. PLoS ONE, 2010, 5, e9126. | 1.1 | 116 |
| 12 | Activation of Type III Interferon Genes by Pathogenic Bacteria in Infected Epithelial Cells and Mouse Placenta. PLoS ONE, 2012, 7, e39080. | 1.1 | 85 |
| 13 | Interleukin-33 Induces the Enzyme Tryptophan Hydroxylase 1 to Promote Inflammatory Group 2 Innate Lymphoid Cell-Mediated Immunity. Immunity, 2020, 52, 606-619.e6. | 6.6 | 76 |
| 14 | Intestinal intraepithelial lymphocyte activation promotes innate antiviral resistance. Nature Communications, 2015, 6, 7090. | 5.8 | 64 |
| 15 | Identification of Continuous Human B-Cell Epitopes in the VP35, VP40, Nucleoprotein and Glycoprotein of Ebola Virus. PLoS ONE, 2014, 9, e96360. | 1.1 | 58 |
| 16 | Combined action of type I and type III interferon restricts initial replication of severe acute respiratory syndrome coronavirus in the lung but fails to inhibit systemic virus spread. Journal of General Virology, 2012, 93, 2601-2605. | 1.3 | 56 |
| 17 | Targeted deletion of the TSLP receptor reveals cellular mechanisms that promote type 2 airway inflammation. Mucosal Immunology, 2020, 13, 626-636. | 2.7 | 52 |
| 18 | Human but Not Mouse Hepatocytes Respond to Interferon-Lambda In Vivo. PLoS ONE, 2014, 9, e87906. | 1.1 | 45 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | STAT1Î² Is Not Dominant Negative and Is Capable of Contributing to Gamma Interferon-Dependent Innate Immunity. Molecular and Cellular Biology, 2014, 34, 2235-2248. | 1.1 | 34 |
| 20 | Acetylation of H3 K56 Is Required for RNA Polymerase II Transcript Elongation through Heterochromatin in Yeast. Molecular and Cellular Biology, 2010, 30, 1467-1477. | 1.1 | 30 |
| 21 | CBLBablation with CRISPR/Cas9 enhances cytotoxicity of human placental stem cell-derived NK cells for cancer immunotherapy. , 2021, 9, e001975. | | 18 |
| 22 | Rotavirus susceptibility of antibiotic-treated mice ascribed to diminished expression of interleukin-22. PLoS ONE, 2021, 16, e0247738. | 1.1 | 9 |
| 23 | Allergen Exposure: When Timing Is Everything. Immunity, 2016, 45, 1188-1190. | 6.6 | 5 |