Ilkka Julkunen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7259821/publications.pdf

Version: 2024-02-01

77	4,770	126708	98622
papers	citations	33 h-index	67 g-index

81	81	81	6632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low pre-vaccination SARS-CoV-2 seroprevalence in Finnish health care workers: a prospective cohort study. Infectious Diseases, 2022, 54, 448-454.	1.4	7
2	Vaccine-Induced Antibody Responses against SARS-CoV-2 Variants-Of-Concern Six Months after the BNT162b2 COVID-19 mRNA Vaccination. Microbiology Spectrum, 2022, 10, e0225221.	1.2	9
3	Inactivation efficacy of H5N1 avian influenza virus by commonly used sample preparation reagents for safe laboratory practices. Journal of Virological Methods, 2022, 304, 114527.	1.0	3
4	Long-Lasting T Cell Responses in BNT162b2 COVID-19 mRNA Vaccinees and COVID-19 Convalescent Patients. Frontiers in Immunology, 2022, 13, 869990.	2.2	40
5	Comparative analysis of COVID-19 vaccine responses and third booster dose-induced neutralizing antibodies against Delta and Omicron variants. Nature Communications, 2022, 13, 2476.	5.8	43
6	Long-lasting heterologous antibody responses after sequential vaccination with A/Indonesia/5/2005 and A/Vietnam/1203/2004 pre-pandemic influenza A(H5N1) virus vaccines. Vaccine, 2021, 39, 402-411.	1.7	4
7	A Combination of N and S Antigens With IgA and IgG Measurement Strengthens the Accuracy of SARS-CoV-2 Serodiagnostics. Journal of Infectious Diseases, 2021, 224, 218-228.	1.9	25
8	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. Nature Communications, 2021, 12, 3991.	5.8	241
9	SARS-CoV-2 Isolates Show Impaired Replication in Human Immune Cells but Differential Ability to Replicate and Induce Innate Immunity in Lung Epithelial Cells. Microbiology Spectrum, 2021, 9, e0077421.	1.2	15
10	COVID-19 adenovirus vaccine triggers antibodies against PF4 complexes to activate complement and platelets. Thrombosis Research, 2021, 208, 129-137.	0.8	12
11	A Highly Sensitive and Specific SARS-CoV-2 Spike- and Nucleoprotein-Based Fluorescent Multiplex Immunoassay (FMIA) to Measure IgG, IgA, and IgM Class Antibodies. Microbiology Spectrum, 2021, 9, e0113121.	1.2	18
12	Filovirus VP24 Proteins Differentially Regulate RIG-I and MDA5-Dependent Type I and III Interferon Promoter Activation. Frontiers in Immunology, 2021, 12, 694105.	2.2	11
13	In vitro production of synthetic viral RNAs and their delivery into mammalian cells and the application of viral RNAs in the study of innate interferon responses. Methods, 2020, 183, 21-29.	1.9	4
14	Comparison of Zaire ebolavirus realtime RT-PCRs targeting the nucleoprotein gene. Journal of Virological Methods, 2020, 284, 113941.	1.0	2
15	No evidence of autoimmunity to human OX1 or OX2 orexin receptors in Pandemrix-vaccinated narcoleptic children. Journal of Translational Autoimmunity, 2020, 3, 100055.	2.0	4
16	Pandemic influenza A(H1N1pdm09) vaccine induced high levels of influenza-specific IgG and IgM antibodies as analyzed by enzyme immunoassay and dual-mode multiplex microarray immunoassay methods. Vaccine, 2020, 38, 1933-1942.	1.7	6
17	Interaction of Ebola Virus with the Innate Immune System. , 2020, , .		1
18	Interleukin-5, interleukin-6, interferon induced protein-10, procalcitonin and C-reactive protein among mechanically ventilated severe community-acquired viral and bacterial pneumonia patients. Cytokine, 2019, 113, 272-276.	1.4	13

#	Article	IF	Citations
19	Asian and African lineage Zika viruses show differential replication and innate immune responses in human dendritic cells and macrophages. Scientific Reports, 2019, 9, 15710.	1.6	15
20	Zika Virus Non-Structural Protein NS5 Inhibits the RIG-I Pathway and Interferon Lambda 1 Promoter Activation by Targeting IKK Epsilon. Viruses, 2019, 11, 1024.	1.5	28
21	Seasonal influenza vaccines induced high levels of neutralizing cross-reactive antibody responses against different genetic group influenza A(H1N1)pdm09 viruses. Vaccine, 2019, 37, 2731-2740.	1.7	2
22	Efficient Inhibition of Avian and Seasonal Influenza A Viruses by a Virus-Specific Dicer-Substrate Small Interfering RNA Swarm in Human Monocyte-Derived Macrophages and Dendritic Cells. Journal of Virology, 2019, 93, .	1.5	9
23	Influenza virus infections from 0 to 2 years of age: A birth cohort study. Journal of Microbiology, Immunology and Infection, 2019, 52, 526-533.	1.5	13
24	Novel activities of safe-in-human broad-spectrum antiviral agents. Antiviral Research, 2018, 154, 174-182.	1.9	64
25	Narcolepsy Associated with Pandemrix Vaccine. Current Neurology and Neuroscience Reports, 2018, 18, 43.	2.0	52
26	Highly Pathogenic H5N1 Influenza A Virus Spreads Efficiently in Human Primary Monocyte-Derived Macrophages and Dendritic Cells. Frontiers in Immunology, 2018, 9, 1664.	2.2	25
27	Ebolavirus protein VP24 interferes with innate immune responses by inhibiting interferon-Î»1 gene expression. Virology, 2017, 509, 23-34.	1.1	26
28	Production, purification and immunogenicity of recombinant Ebola virus proteins â^' A comparison of Freundâ€™s adjuvant and adjuvant system 03. Journal of Virological Methods, 2017, 242, 35-45.	1.0	15
29	Regulation of kynurenine biosynthesis during influenza virus infection. FEBS Journal, 2017, 284, 222-236.	2.2	56
30	Antiviral Properties of Chemical Inhibitors of Cellular Anti-Apoptotic Bcl-2 Proteins. Viruses, 2017, 9, 271.	1.5	39
31	Nuclear Translocation of Crk Adaptor Proteins by the Influenza A Virus NS1 Protein. Viruses, 2016, 8, 101.	1.5	5
32	Interferons Induce STAT1â€“Dependent Expression of Tissue Plasminogen Activator, a Pathogenicity Factor in Puumala Hantavirus Disease. Journal of Infectious Diseases, 2016, 213, 1632-1641.	1.9	24
33	Influenza virus NS1 protein binds cellular DNA to block transcription of antiviral genes. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1440-1448.	0.9	29
34	Immuno-modulating properties of saliphenylhalamide, SNS-032, obatoclax, and gemcitabine. Antiviral Research, 2016, 126, 69-80.	1.9	16
35	Spectrally and Spatially Multiplexed Serological Array-in-Well Assay Utilizing Two-Color Upconversion Luminescence Imaging. Analytical Chemistry, 2016, 88, 4470-4477.	3.2	33
36	Oncogenic Herpesvirus Utilizes Stress-Induced Cell Cycle Checkpoints for Efficient Lytic Replication. PLoS Pathogens, 2016, 12, e1005424.	2.1	30

#	Article	IF	Citations
37	Comparative Analysis of Whole-Genome Sequences of Influenza A(H1N1)pdm09 Viruses Isolated from Hospitalized and Nonhospitalized Patients Identifies Missense Mutations That Might Be Associated with Patient Hospital Admissions in Finland during 2009 to 2014. Genome Announcements, 2015, 3, .	0.8	8
38	Antibodies to influenza nucleoprotein cross-react with human hypocretin receptor 2. Science Translational Medicine, 2015, 7, 294ra105.	5.8	206
39	Structural and functional analysis reveals that human OASL binds dsRNA to enhance RIG-I signaling. Nucleic Acids Research, 2015, 43, 5236-5248.	6.5	57
40	RIG-I Signaling Is Essential for Influenza B Virus-Induced Rapid Interferon Gene Expression. Journal of Virology, 2015, 89, 12014-12025.	1.5	36
41	MAP kinase p38Î± regulates type III interferon (IFN-Î»1) gene expression in human monocyte-derived dendritic cells in response to RNA stimulation. Journal of Leukocyte Biology, 2015, 97, 307-320.	1.5	22
42	Blood MxA protein as a marker for respiratory virus infections in young children. Journal of Clinical Virology, 2015, 62, 8-13.	1.6	38
43	Novel Avian Influenza A (H7N9) Virus Induces Impaired Interferon Responses in Human Dendritic Cells. PLoS ONE, 2014, 9, e96350.	1.1	15
44	Does autoreactivity have a role in narcolepsy?. Lancet Neurology, The, 2014, 13, 1072-1073.	4.9	17
45	Akt Inhibitor MK2206 Prevents Influenza pH1N1 Virus Infection In Vitro. Antimicrobial Agents and Chemotherapy, 2014, 58, 3689-3696.	1.4	38
46	Efficient replication and strong induction of innate immune responses by H9N2 avian influenza virus in human dendritic cells. Virology, 2014, 471-473, 38-48.	1.1	9
47	Disease mechanisms in narcolepsy remain elusive. Nature Reviews Neurology, 2014, 10, 616-617.	4.9	10
48	Narcolepsy patients have antibodies that stain distinct cell populations in rat brain and influence sleep patterns. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3735-44.	3.3	71
49	Mutations within the conserved NS1 nuclear export signal lead to inhibition of influenza A virus replication. Virology Journal, 2014, 11, 128.	1.4	9
50	Narcolepsy as an autoimmune disease: the role of H1N1 infection and vaccination. Lancet Neurology, The, 2014, 13, 600-613.	4.9	229
51	Effectiveness of Pandemic and Seasonal Influenza Vaccines in Preventing Laboratory-Confirmed Influenza in Adults: A Clinical Cohort Study during Epidemic Seasons 2009â€“2010 and 2010â€“2011 in Finland. PLoS ONE, 2014, 9, e108538.	1.1	23
52	Antigenic Differences between AS03 Adjuvanted Influenza A (H1N1) Pandemic Vaccines: Implications for Pandemrix-Associated Narcolepsy Risk. PLoS ONE, 2014, 9, e114361.	1.1	87
53	Hepatitis C virus NS2 protease inhibits host cell antiviral response by inhibiting IKKÎµ and TBK1 functions. Journal of Medical Virology, 2013, 85, 71-82.	2.5	43
54	Human kinome analysis reveals novel kinases contributing to virus infection and retinoic-acid inducible gene I-induced type I and type III IFN gene expression. Innate Immunity, 2013, 19, 516-530.	1.1	16

#	Article	IF	Citations
55	No Serological Evidence of Influenza A H1N1pdm09 Virus Infection as a Contributing Factor in Childhood Narcolepsy after Pandemrix Vaccination Campaign in Finland. PLoS ONE, 2013, 8, e68402.	1.1	45
56	Obatoclax, Saliphenylhalamide, and Gemcitabine Inhibit Influenza A Virus Infection. Journal of Biological Chemistry, 2012, 287, 35324-35332.	1.6	80
57	Incoming Influenza A Virus Evades Early Host Recognition, while Influenza B Virus Induces Interferon Expression Directly upon Entry. Journal of Virology, 2012, 86, 11183-11193.	1.5	49
58	Influenza A H3N2 subtype virus NS1 protein targets into the nucleus and binds primarily via its C-terminal NLS2/NoLS to nucleolin and fibrillarin. Virology Journal, 2012, 9, 167.	1.4	43
59	AS03 Adjuvanted AH1N1 Vaccine Associated with an Abrupt Increase in the Incidence of Childhood Narcolepsy in Finland. PLoS ONE, 2012, 7, e33536.	1.1	443
60	Increased Incidence and Clinical Picture of Childhood Narcolepsy following the 2009 H1N1 Pandemic Vaccination Campaign in Finland. PLoS ONE, 2012, 7, e33723.	1.1	358
61	Innate Immune Responses in Human Monocyte-Derived Dendritic Cells Are Highly Dependent on the Size and the 5â€² Phosphorylation of RNA Molecules. Journal of Immunology, 2011, 187, 1713-1721.	0.4	45
62	Validation and Diagnostic Application of NS and HA Gene-Specific Real-Time Reverse Transcription-PCR Assays for Detection of 2009 Pandemic Influenza A (H1N1) Viruses in Clinical Specimens. Journal of Clinical Microbiology, 2011, 49, 2009-2011.	1.8	18
63	Quantitative Subcellular Proteome and Secretome Profiling of Influenza A Virus-Infected Human Primary Macrophages. PLoS Pathogens, 2011, 7, e1001340.	2.1	122
64	RIG-I-mediated Activation of p38 MAPK Is Essential for Viral Induction of Interferon and Activation of Dendritic Cells. Journal of Biological Chemistry, 2009, 284, 10774-10782.	1.6	104
65	Analysis of Influenza B Virus NS1 Protein Trafficking Reveals a Novel Interaction with Nuclear Speckle Domains. Journal of Virology, 2009, 83, 701-711.	1.5	31
66	Avian and 1918 Spanish Influenza A Virus NS1 Proteins Bind to Crk/CrkL Src Homology 3 Domains to Activate Host Cell Signaling. Journal of Biological Chemistry, 2008, 283, 5719-5727.	1.6	84
67	IFN Regulatory Factor Family Members Differentially Regulate the Expression of Type III IFN (IFN-Î») Genes. Journal of Immunology, 2007, 179, 3434-3442.	0.4	271
68	Nuclear and Nucleolar Targeting of Influenza A Virus NS1 Protein: Striking Differences between Different Virus Subtypes. Journal of Virology, 2007, 81, 5995-6006.	1.5	165
69	Hepatitis C virus NS2 and NS3/4A proteins are potent inhibitors of host cell cytokine/chemokine gene expression. Virology Journal, 2006, 3, 66.	1.4	57
70	Tumor Necrosis Factor Alpha Enhances Influenza A Virus-Induced Expression of Antiviral Cytokines by Activating RIG-I Gene Expression. Journal of Virology, 2006, 80, 3515-3522.	1.5	128
71	NF-ÎºB Is Transported into the Nucleus by Importin Î±3 and Importin Î±4. Journal of Biological Chemistry, 2005, 280, 15942-15951.	1.6	250
72	Gene Expression and Antiviral Activity of Alpha/Beta Interferons and Interleukin-29 in Virus-Infected Human Myeloid Dendritic Cells. Journal of Virology, 2005, 79, 9608-9617.	1.5	163

#	Article	IF	Citations
73	StreptococcusandLactobacillus rhamnosusdifferentially induce maturation and production of Th1-type cytokines and chemokines in human monocyte-derived dendritic cells. Journal of Leukocyte Biology, 2004, 75, 764-771.	1.5	161
74	Importin Î± Nuclear Localization Signal Binding Sites for STAT1, STAT2, and Influenza A Virus Nucleoprotein. Journal of Biological Chemistry, 2003, 278, 28193-28200.	1.6	159
75	The Proximal Interferon-Stimulated Response Elements Are Essential for Interferon Responsiveness: A Promoter Analysis of the Antiviral MxA Gene. Journal of Interferon and Cytokine Research, 1998, 18, 773-781.	0.5	80
76	Detection of Rotavirus in Faecal Specimens by Enzyme Immunoassay, Latex Agglutination and Electron Microscopy. Scandinavian Journal of Infectious Diseases, 1985, 17, 245-249.	1.5	14
77	Antibody responses to mumps virus proteins in natural mumps infection and after vaccination with live and inactivated mumps virus vaccines. Journal of Medical Virology, 1984, 14, 209-219.	2.5	12