

# Ronald Dijkman

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

6,970  
citations

126708

33  
h-index

106150

65  
g-index

87  
all docs

87  
docs citations

87  
times ranked

13147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta. <i>Nature</i> , 2022, 602, 307-313.	13.7	79
2	Neuro-axonal injury in COVID-19: the role of systemic inflammation and SARS-CoV-2 specific immune response. <i>Therapeutic Advances in Neurological Disorders</i> , 2022, 15, 175628642210805.	1.5	8
3	Effective Interferon Lambda Treatment Regimen To Control Lethal MERS-CoV Infection in Mice. <i>Journal of Virology</i> , 2022, 96, e0036422.	1.5	8
4	Establishment of well-differentiated camelid airway cultures to study Middle East respiratory syndrome coronavirus. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
5	SARS-CoV-2 spike D614G change enhances replication and transmission. <i>Nature</i> , 2021, 592, 122-127.	13.7	440
6	Establishment of a Reverse Genetic System from a Bovine Derived Influenza D Virus Isolate. <i>Viruses</i> , 2021, 13, 502.	1.5	3
7	Disparate temperature-dependent virus-host dynamics for SARS-CoV-2 and SARS-CoV in the human respiratory epithelium. <i>PLoS Biology</i> , 2021, 19, e3001158.	2.6	79
8	Betulonic Acid Derivatives Interfering with Human Coronavirus 229E Replication via the nsp15 Endoribonuclease. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5632-5644.	2.9	26
9	Establishment of caprine airway epithelial cells grown in an air-liquid interface system to study caprine respiratory viruses and bacteria. <i>Veterinary Microbiology</i> , 2021, 257, 109067.	0.8	3
10	Evaluation of the Roche antigen rapid test and a cell culture-based assay compared to rRT-PCR for the detection of SARS-CoV-2: A contribution to the discussion about SARS-CoV-2 diagnostic tests and contagiousness. <i>Journal of Clinical Virology Plus</i> , 2021, 1, 100020.	0.4	5
11	Prevalence of BRD-Related Viral Pathogens in the Upper Respiratory Tract of Swiss Veal Calves. <i>Animals</i> , 2021, 11, 1940.	1.0	14
12	Susceptibility of Well-Differentiated Airway Epithelial Cell Cultures from Domestic and Wild Animals to Severe Acute Respiratory Syndrome Coronavirus 2. <i>Emerging Infectious Diseases</i> , 2021, 27, 1811-1820.	2.0	11
13	Functional comparison of MERS-coronavirus lineages reveals increased replicative fitness of the recombinant lineage 5. <i>Nature Communications</i> , 2021, 12, 5324.	5.8	11
14	A Multidimensional Cross-Sectional Analysis of Coronavirus Disease 2019 Seroprevalence Among a Police Officer Cohort: The PoliCOV-19 Study. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab524.	0.4	4
15	A genome-wide CRISPR screen identifies interactors of the autophagy pathway as conserved coronavirus targets. <i>PLoS Biology</i> , 2021, 19, e3001490.	2.6	33
16	Trimeric SARS-CoV-2 Spike Proteins Produced from CHO Cells in Bioreactors Are High-Quality Antigens. <i>Processes</i> , 2020, 8, 1539.	1.3	18
17	Identification of an Antiviral Compound from the Pandemic Response Box that Efficiently Inhibits SARS-CoV-2 Infection In Vitro. <i>Microorganisms</i> , 2020, 8, 1872.	1.6	25
18	LY6E impairs coronavirus fusion and confers immune control of viral disease. <i>Nature Microbiology</i> , 2020, 5, 1330-1339.	5.9	170

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19	The International Virus Bioinformatics Meeting 2020. <i>Viruses</i> , 2020, 12, 1398.	1.5	3
20	Rapid reconstruction of SARS-CoV-2 using a synthetic genomics platform. <i>Nature</i> , 2020, 582, 561-565.	13.7	377
21	Inactivation of Severe Acute Respiratory Syndrome Coronavirus 2 by WHO-Recommended Hand Rub Formulations and Alcohols. <i>Emerging Infectious Diseases</i> , 2020, 26, 1592-1595.	2.0	299
22	Labyrinthopeptins as virolytic inhibitors of respiratory syncytial virus cell entry. <i>Antiviral Research</i> , 2020, 177, 104774.	1.9	30
23	Fecal Shedding of Bovine Astrovirus CH13/NeuroS1 in Veal Calves. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	10
24	The <i>IFNL4</i> Gene Is a Noncanonical Interferon Gene with a Unique but Evolutionarily Conserved Regulation. <i>Journal of Virology</i> , 2020, 94, .	1.5	14
25	Well-Differentiated Primary Mammalian Airway Epithelial Cell Cultures. <i>Methods in Molecular Biology</i> , 2020, 2203, 119-134.	0.4	14
26	Using a mouse-adapted A/HK/01/68 influenza virus to analyse the impact of NS1 evolution in codons 196 and 231 on viral replication and virulence. <i>Journal of General Virology</i> , 2020, 101, 587-598.	1.3	2
27	Establishment of Primary Transgenic Human Airway Epithelial Cell Cultures to Study Respiratory Virus-Host Interactions. <i>Viruses</i> , 2019, 11, 747.	1.5	9
28	Determining the Replication Kinetics and Cellular Tropism of Influenza D Virus on Primary Well-Differentiated Human Airway Epithelial Cells. <i>Viruses</i> , 2019, 11, 377.	1.5	36
29	Determination of host proteins composing the microenvironment of coronavirus replicase complexes by proximity-labeling. <i>ELife</i> , 2019, 8, .	2.8	157
30	Targeting of the Nasal Mucosa by Japanese Encephalitis Virus for Non-Vector-Borne Transmission. <i>Journal of Virology</i> , 2018, 92, .	1.5	21
31	The papain-like protease determines a virulence trait that varies among members of the SARS-coronavirus species. <i>PLoS Pathogens</i> , 2018, 14, e1007296.	2.1	64
32	Host switching pathogens, infectious outbreaks and zoonosis: A Marie Skłodowska-Curie innovative training network (HONOURS). <i>Virus Research</i> , 2018, 257, 120-124.	1.1	2
33	Attenuation of replication by a 29 nucleotide deletion in SARS-coronavirus acquired during the early stages of human-to-human transmission. <i>Scientific Reports</i> , 2018, 8, 15177.	1.6	181
34	Phosphoproteomic-based kinase profiling early in influenza virus infection identifies GRK2 as antiviral drug target. <i>Nature Communications</i> , 2018, 9, 3679.	5.8	44
35	Virucidal Activity of World Health Organization-Recommended Formulations Against Enveloped Viruses, Including Zika, Ebola, and Emerging Coronaviruses. <i>Journal of Infectious Diseases</i> , 2017, 215, 902-906.	1.9	151
36	Link of a ubiquitous human coronavirus to dromedary camels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9864-9869.	3.3	122

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37	The differentiated airway epithelium infected by influenza viruses maintains the barrier function despite a dramatic loss of ciliated cells. <i>Scientific Reports</i> , 2016, 6, 39668.	1.6	81
38	Coronaviruses and the human airway: a universal system for virus-host interaction studies. <i>Virology Journal</i> , 2016, 13, 24.	1.4	86
39	First international external quality assessment of molecular diagnostics for Mers-CoV. <i>Journal of Clinical Virology</i> , 2015, 69, 81-85.	1.6	27
40	Transcriptome analysis reveals a classical interferon signature induced by IFN $\lambda$ 4 in human primary cells. <i>Genes and Immunity</i> , 2015, 16, 414-421.	2.2	44
41	Culturing of respiratory viruses in well-differentiated pseudostratified human airway epithelium as a tool to detect unknown viruses. <i>Influenza and Other Respiratory Viruses</i> , 2015, 9, 51-57.	1.5	22
42	Characterization of Human Coronaviruses on Well-Differentiated Human Airway Epithelial Cell Cultures. <i>Methods in Molecular Biology</i> , 2015, 1282, 73-87.	0.4	31
43	Targeting Membrane-Bound Viral RNA Synthesis Reveals Potent Inhibition of Diverse Coronaviruses Including the Middle East Respiratory Syndrome Virus. <i>PLoS Pathogens</i> , 2014, 10, e1004166.	2.1	136
44	Interferon lambda 4 signals via the IFN $\lambda$ receptor to regulate antiviral activity against HCV and coronaviruses. <i>EMBO Journal</i> , 2013, 32, 3055-3065.	3.5	177
45	Dipeptidyl peptidase 4 is a functional receptor for the emerging human coronavirus-EMC. <i>Nature</i> , 2013, 495, 251-254.	13.7	1,731
46	Efficient Replication of the Novel Human Betacoronavirus EMC on Primary Human Epithelium Highlights Its Zoonotic Potential. <i>MBio</i> , 2013, 4, e00611-12.	1.8	183
47	Isolation and Characterization of Current Human Coronavirus Strains in Primary Human Epithelial Cell Cultures Reveal Differences in Target Cell Tropism. <i>Journal of Virology</i> , 2013, 87, 6081-6090.	1.5	126
48	Emergence of a C-Terminal Seven-Amino-Acid Elongation of NS1 in Around 1950 Conferred a Minor Growth Advantage to Former Seasonal Influenza A Viruses. <i>Journal of Virology</i> , 2013, 87, 11300-11303.	1.5	8
49	TMPRSS2 Activates the Human Coronavirus 229E for Cathepsin-Independent Host Cell Entry and Is Expressed in Viral Target Cells in the Respiratory Epithelium. <i>Journal of Virology</i> , 2013, 87, 6150-6160.	1.5	296
50	Replication-dependent downregulation of cellular angiotensin-converting enzyme 2 protein expression by human coronavirus NL63. <i>Journal of General Virology</i> , 2012, 93, 1924-1929.	1.3	128
51	The first complete genome sequences of clinical isolates of human coronavirus 229E. <i>Virus Genes</i> , 2012, 45, 433-439.	0.7	30
52	The dominance of human coronavirus OC43 and NL63 infections in infants. <i>Journal of Clinical Virology</i> , 2012, 53, 135-139.	1.6	161
53	Reverse Genetics of SARS-Related Coronavirus Using Vaccinia Virus-Based Recombination. <i>PLoS ONE</i> , 2012, 7, e32857.	1.1	79
54	Differentiation between Human Coronaviruses NL63 and 229E Using a Novel Double-Antibody Sandwich Enzyme-Linked Immunosorbent Assay Based on Specific Monoclonal Antibodies. <i>Vaccine Journal</i> , 2011, 18, 113-118.	3.2	36

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55	Culturing the Unculturable: Human Coronavirus HKU1 Infects, Replicates, and Produces Progeny Virions in Human Ciliated Airway Epithelial Cell Cultures. <i>Journal of Virology</i> , 2010, 84, 11255-11263.	1.5	120
56	Burden of disease due to human coronavirus NL63 infections and periodicity of infection. <i>Journal of Clinical Virology</i> , 2010, 48, 104-108.	1.6	33
57	Seroconversion to HCoV-NL63 in Rhesus Macaques. <i>Viruses</i> , 2009, 1, 647-656.	1.5	11
58	Human Bocavirus Can Be Cultured in Differentiated Human Airway Epithelial Cells. <i>Journal of Virology</i> , 2009, 83, 7739-7748.	1.5	156
59	Human Coronaviruses 229E and NL63: Close Yet Still So Far. <i>Journal of the Formosan Medical Association</i> , 2009, 108, 270-279.	0.8	48
60	Human Parechovirus Type 1, 3, 4, 5, and 6 Detection in Picornavirus Cultures. <i>Journal of Clinical Microbiology</i> , 2008, 46, 759-762.	1.8	53
61	Human Coronavirus NL63 and 229E Seroconversion in Children. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2368-2373.	1.8	171
62	Human coronavirus 229E encodes a single ORF4 protein between the spike and the envelope genes. <i>Virology Journal</i> , 2006, 3, 106.	1.4	37
63	Mosaic Structure of Human Coronavirus NL63, One Thousand Years of Evolution. <i>Journal of Molecular Biology</i> , 2006, 364, 964-973.	2.0	149
64	Identification of cell lines permissive for human coronavirus NL63. <i>Journal of Virological Methods</i> , 2006, 138, 207-210.	1.0	41
65	Inhibition of Human Coronavirus NL63 Infection at Early Stages of the Replication Cycle. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2000-2008.	1.4	113