

Debby A J Van Riel

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,915
citations

393982

19
h-index

377514

34
g-index

38
all docs

38
docs citations

38
times ranked

6554
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Coronavirus Emerging in China – Key Questions for Impact Assessment. <i>New England Journal of Medicine</i> , 2020, 382, 692-694.	13.9	1,104
2	H5N1 Virus Attachment to Lower Respiratory Tract. <i>Science</i> , 2006, 312, 399-399.	6.0	573
3	The olfactory nerve: a shortcut for influenza and other viral diseases into the central nervous system. <i>Journal of Pathology</i> , 2015, 235, 277-287.	2.1	301
4	Influenza A Virus (H5N1) Infection in Cats Causes Systemic Disease with Potential Novel Routes of Virus Spread within and between Hosts. <i>American Journal of Pathology</i> , 2006, 168, 176-183.	1.9	252
5	Identification, Characterization, and Natural Selection of Mutations Driving Airborne Transmission of A/H5N1 Virus. <i>Cell</i> , 2014, 157, 329-339.	13.5	237
6	Neurotropic virus infections as the cause of immediate and delayed neuropathology. <i>Acta Neuropathologica</i> , 2016, 131, 159-184.	3.9	223
7	One health, multiple challenges: The inter-species transmission of influenza A virus. <i>One Health</i> , 2015, 1, 1-13.	1.5	147
8	Seasonal and Pandemic Human Influenza Viruses Attach Better to Human Upper Respiratory Tract Epithelium than Avian Influenza Viruses. <i>American Journal of Pathology</i> , 2010, 176, 1614-1618.	1.9	146
9	The Molecular Basis of the Pathogenicity of the Dutch Highly Pathogenic Human Influenza A H7N7 Viruses. <i>Journal of Infectious Diseases</i> , 2007, 196, 258-265.	1.9	129
10	The Multibasic Cleavage Site in H5N1 Virus Is Critical for Systemic Spread along the Olfactory and Hematogenous Routes in Ferrets. <i>Journal of Virology</i> , 2012, 86, 3975-3984.	1.5	126
11	The neuroinvasiveness, neurotropism, and neurovirulence of SARS-CoV-2. <i>Trends in Neurosciences</i> , 2022, 45, 358-368.	4.2	118
12	Mini viral RNAs act as innate immune agonists during influenza virus infection. <i>Nature Microbiology</i> , 2018, 3, 1234-1242.	5.9	96
13	Proinflammatory Cytokine Responses in Extra-Respiratory Tissues During Severe Influenza. <i>Journal of Infectious Diseases</i> , 2017, 216, 829-833.	1.9	53
14	1918 H1N1 Influenza Virus Replicates and Induces Proinflammatory Cytokine Responses in Extrarespiratory Tissues of Ferrets. <i>Journal of Infectious Diseases</i> , 2018, 217, 1237-1246.	1.9	49
15	Acute influenza virus-associated encephalitis and encephalopathy in adults: a challenging diagnosis. <i>JMM Case Reports</i> , 2016, 3, e005076.	1.3	45
16	Evidence for Influenza Virus CNS Invasion Along the Olfactory Route in an Immunocompromised Infant. <i>Journal of Infectious Diseases</i> , 2014, 210, 419-423.	1.9	42
17	Delineating morbillivirus entry, dissemination and airborne transmission by studying in vivo competition of multicolor canine distemper viruses in ferrets. <i>PLoS Pathogens</i> , 2017, 13, e1006371.	2.1	37
18	The pathogenesis and virulence of enterovirus-D68 infection. <i>Virulence</i> , 2021, 12, 2060-2072.	1.8	26

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19	Replication Kinetics, Cell Tropism, and Associated Immune Responses in SARS-CoV-2- and H5N1 Virus-Infected Human Induced Pluripotent Stem Cell-Derived Neural Models. <i>MSphere</i> , 2021, 6, e0027021.	1.3	26
20	Zika Virus Infection Induces Elevation of Tissue Factor Production and Apoptosis on Human Umbilical Vein Endothelial Cells. <i>Frontiers in Microbiology</i> , 2019, 10, 817.	1.5	22
21	A High-Fat Diet Increases Influenza A Virus-Associated Cardiovascular Damage. <i>Journal of Infectious Diseases</i> , 2020, 222, 820-831.	1.9	21
22	Viral Factors Important for Efficient Replication of Influenza A Viruses in Cells of the Central Nervous System. <i>Journal of Virology</i> , 2019, 93, .	1.5	19
23	H7N9 Influenza A Virus Exhibits Importin- β Mediated Replication in the Mammalian Respiratory Tract. <i>American Journal of Pathology</i> , 2017, 187, 831-840.	1.9	15
24	Temporal Kinetics of RNAemia and Associated Systemic Cytokines in Hospitalized COVID-19 Patients. <i>MSphere</i> , 2021, 6, e0031121.	1.3	15
25	Decrease of Virus Receptors during Highly Pathogenic H5N1 Virus Infection in Humans and Other Mammals. <i>American Journal of Pathology</i> , 2013, 183, 1382-1389.	1.9	14
26	Vaccination Is More Effective Than Prophylactic Oseltamivir in Preventing CNS Invasion by H5N1 Virus via the Olfactory Nerve. <i>Journal of Infectious Diseases</i> , 2016, 214, 516-524.	1.9	13
27	Role of Endothelial Cells in the Pathogenesis of Influenza in Humans. <i>Journal of Infectious Diseases</i> , 2019, 220, 1859-1860.	1.9	13
28	Cellular Importin- β 3 Expression Dynamics in the Lung Regulate Antiviral Response Pathways against Influenza A Virus Infection. <i>Cell Reports</i> , 2020, 31, 107549.	2.9	11
29	Assessment of the antiviral properties of recombinant surfactant protein D against influenza B virus in vitro. <i>Virus Research</i> , 2015, 195, 43-46.	1.1	10
30	Enhanced Enterovirus D68 Replication in Neuroblastoma Cells Is Associated with a Cell Culture-Adaptive Amino Acid Substitution in VP1. <i>MSphere</i> , 2020, 5, .	1.3	7
31	In Vivo Models to Study the Pathogenesis of Extra-Respiratory Complications of Influenza A Virus Infection. <i>Viruses</i> , 2021, 13, 848.	1.5	7
32	Pulmonary lesions following inoculation with the SARS-CoV-2 Omicron BA.1 (B.1.1.529) variant in Syrian golden hamsters. <i>Emerging Microbes and Infections</i> , 2022, 11, 1778-1786.	3.0	7
33	Reply to Mori. <i>Journal of Infectious Diseases</i> , 2017, 215, 160-161.	1.9	1