

Albert D M E Osterhaus

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

6,537
citations

117625

34
h-index

69250

77
g-index

138
all docs

138
docs citations

138
times ranked

10356
citing authors

#	ARTICLE	IF	CITATIONS
1	A human monoclonal antibody blocking SARS-CoV-2 infection. <i>Nature Communications</i> , 2020, 11, 2251.	12.8	919
2	Middle East respiratory syndrome coronavirus in dromedary camels: an outbreak investigation. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 140-145.	9.1	571
3	Analysis of the Genomic Sequence of a Human Metapneumovirus. <i>Virology</i> , 2002, 295, 119-132.	2.4	382
4	Avian H5N1 Influenza in Cats. <i>Science</i> , 2004, 306, 241-241.	12.6	374
5	Characterization of Human Metapneumoviruses Isolated from Patients in North America. <i>Journal of Infectious Diseases</i> , 2002, 185, 1660-1663.	4.0	362
6	Antigenic and Genetic Variability of Human Metapneumoviruses. <i>Emerging Infectious Diseases</i> , 2004, 10, 658-666.	4.3	329
7	Identification, Characterization, and Natural Selection of Mutations Driving Airborne Transmission of A/H5N1 Virus. <i>Cell</i> , 2014, 157, 329-339.	28.9	237
8	An orthopoxvirus-based vaccine reduces virus excretion after MERS-CoV infection in dromedary camels. <i>Science</i> , 2016, 351, 77-81.	12.6	216
9	MERS: emergence of a novel human coronavirus. <i>Current Opinion in Virology</i> , 2014, 5, 58-62.	5.4	170
10	Ancient hepatitis B viruses from the Bronze Age to the Medieval period. <i>Nature</i> , 2018, 557, 418-423.	27.8	155
11	Experimental Human Metapneumovirus Infection of Cynomolgus Macaques (<i>Macaca fascicularis</i>) Results in Virus Replication in Ciliated Epithelial Cells and Pneumocytes with Associated Lesions throughout the Respiratory Tract. <i>American Journal of Pathology</i> , 2004, 164, 1893-1900.	3.8	145
12	Identification of small-animal and primate models for evaluation of vaccine candidates for human metapneumovirus (hMPV) and implications for hMPV vaccine design. <i>Journal of General Virology</i> , 2004, 85, 1655-1663.	2.9	110
13	Virological and serological analysis of a recent Middle East respiratory syndrome coronavirus infection case on a triple combination antiviral regimen. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 528-532.	2.5	103
14	Exploring the Potential of Next-Generation Sequencing in Detection of Respiratory Viruses. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3722-3730.	3.9	99
15	Avian Influenza A(H10N7) Virus-associated Mass Deaths among Harbor Seals. <i>Emerging Infectious Diseases</i> , 2015, 21, 720-722.	4.3	92
16	Evolutionary dynamics of human and avian metapneumoviruses. <i>Journal of General Virology</i> , 2008, 89, 2933-2942.	2.9	89
17	Studies into the mechanism of measles-associated immune suppression during a measles outbreak in the Netherlands. <i>Nature Communications</i> , 2018, 9, 4944.	12.8	83
18	Safety and immunogenicity of a modified-vaccinia-virus-Ankara-based influenza A H5N1 vaccine: a randomised, double-blind phase 1/2a clinical trial. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1196-1207.	9.1	82

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19	Influenza and COVID-19: What does coexistence mean?. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 407-412.	3.4	76
20	Asymptomatic Middle East Respiratory Syndrome Coronavirus Infection in Rabbits. <i>Journal of Virology</i> , 2015, 89, 6131-6135.	3.4	73
21	Hepatitis E Virus (HEV) Genotype 3 Infection of Human Liver Chimeric Mice as a Model for Chronic HEV Infection. <i>Journal of Virology</i> , 2016, 90, 4394-4401.	3.4	73
22	A reverse-genetics system for Influenza A virus using T7 RNA polymerase. <i>Journal of General Virology</i> , 2007, 88, 1281-1287.	2.9	61
23	Genetic evolution of the neuraminidase of influenza A (H3N2) viruses from 1968 to 2009 and its correspondence to haemagglutinin evolution. <i>Journal of General Virology</i> , 2012, 93, 1996-2007.	2.9	57
24	A Family-Wide RT-PCR Assay for Detection of Paramyxoviruses and Application to a Large-Scale Surveillance Study. <i>PLoS ONE</i> , 2012, 7, e34961.	2.5	50
25	Recommended immunization schedules for adults: Clinical practice guidelines by the Eschmid Vaccine Study Group (EVASG), European Geriatric Medicine Society (EUGMS) and the World Association for Infectious Diseases and Immunological Disorders (WAidid). <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 1-18.	3.3	49
26	Immunization of Syrian golden hamsters with F subunit vaccine of human metapneumovirus induces protection against challenge with homologous or heterologous strains. <i>Journal of General Virology</i> , 2007, 88, 2702-2709.	2.9	48
27	Experimental infection of macaques with human metapneumovirus induces transient protective immunity. <i>Journal of General Virology</i> , 2007, 88, 1251-1259.	2.9	47
28	Hyperferritinaemia in Dengue Virus Infected Patients Is Associated with Immune Activation and Coagulation Disturbances. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3214.	3.0	46
29	Serum angiopoietin-2 and soluble VEGF receptor 2 are surrogate markers for plasma leakage in patients with acute dengue virus infection. <i>Journal of Clinical Virology</i> , 2014, 60, 328-335.	3.1	46
30	Recombinant Modified Vaccinia Virus Ankara Expressing Glycoprotein E2 of Chikungunya Virus Protects AG129 Mice against Lethal Challenge. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3101.	3.0	45
31	Novel canine bocavirus strain associated with severe enteritis in a dog litter. <i>Veterinary Microbiology</i> , 2014, 174, 1-8.	1.9	41
32	Pathological findings in the red fox (<i>Vulpes vulpes</i>), stone marten (<i>Martes foina</i>) and raccoon dog (<i>Nyctereutes procyonoides</i>), with special emphasis on infectious and zoonotic agents in Northern Germany. <i>PLoS ONE</i> , 2017, 12, e0175469.	2.5	40
33	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.	4.7	37
34	Generation of temperature-sensitive human metapneumovirus strains that provide protective immunity in hamsters. <i>Journal of General Virology</i> , 2008, 89, 1553-1562.	2.9	37
35	Optimization of an enzyme-linked lectin assay suitable for rapid antigenic characterization of the neuraminidase of human influenza A(H3N2) viruses. <i>Journal of Virological Methods</i> , 2015, 217, 55-63.	2.1	36
36	Transcriptome assists prognosis of disease severity in respiratory syncytial virus infected infants. <i>Scientific Reports</i> , 2016, 6, 36603.	3.3	35

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37	High Seroprevalence of Human Herpesviruses in HIV-Infected Individuals Attending Primary Healthcare Facilities in Rural South Africa. PLoS ONE, 2014, 9, e99243.	2.5	35
38	An ACE2-blocking antibody confers broad neutralization and protection against Omicron and other SARS-CoV-2 variants of concern. Science Immunology, 2022, 7, eabp9312.	11.9	35
39	Susceptibility of European jackdaws (<i>Corvus monedula</i>) to experimental infection with lineage 1 and 2 West Nile viruses. Journal of General Virology, 2014, 95, 1320-1329.	2.9	34
40	An evolutionary divergent pestivirus lacking the N ^{pro} gene systemically infects a whale species. Emerging Microbes and Infections, 2019, 8, 1383-1392.	6.5	34
41	Infections with highly pathogenic avian influenza A virus (HPAIV) H5N8 in harbor seals at the German North Sea coast, 2021. Emerging Microbes and Infections, 2022, 11, 725-729.	6.5	34
42	Satellite glial cells in human trigeminal ganglia have a broad expression of functional Toll-like receptors. European Journal of Immunology, 2017, 47, 1181-1187.	2.9	33
43	Insertion of a multibasic cleavage site in the haemagglutinin of human influenza H3N2 virus does not increase pathogenicity in ferrets. Journal of General Virology, 2011, 92, 1410-1415.	2.9	32
44	A recombinant rabies vaccine expressing the trimeric form of the glycoprotein confers enhanced immunogenicity and protection in outbred mice. Vaccine, 2014, 32, 4644-4650.	3.8	32
45	Prevalence and clinical consequences of Hepatitis E in patients who underwent liver transplantation for chronic Hepatitis C in the United States. BMC Infectious Diseases, 2015, 15, 371.	2.9	31
46	Evolutionary evidence for multi-host transmission of cetacean morbillivirus. Emerging Microbes and Infections, 2018, 7, 1-15.	6.5	31
47	The immune response and within-host emergence of pandemic influenza virus. Lancet, The, 2014, 384, 2077-2081.	13.7	30
48	Time since Onset of Disease and Individual Clinical Markers Associate with Transcriptional Changes in Uncomplicated Dengue. PLoS Neglected Tropical Diseases, 2015, 9, e0003522.	3.0	30
49	A Single Immunization With Modified Vaccinia Virus Ankara-Based Influenza Virus H7 Vaccine Affords Protection in the Influenza A(H7N9) Pneumonia Ferret Model. Journal of Infectious Diseases, 2015, 211, 791-800.	4.0	29
50	Depletion of measles virus glycoprotein-specific antibodies from human sera reveals genotype-specific neutralizing antibodies. Journal of General Virology, 2009, 90, 2982-2989.	2.9	28
51	Fusion protein is the main determinant of metapneumovirus host tropism. Journal of General Virology, 2009, 90, 1408-1416.	2.9	27
52	Seasonal influenza immunisation: Strategies for older adults. International Journal of Clinical Practice, 2018, 72, e13249.	1.7	27
53	A novel antigen capture ELISA for the specific detection of IgG antibodies to elephant endotheliotropic herpes virus. BMC Veterinary Research, 2015, 11, 203.	1.9	26
54	Aging and Options to Halt Declining Immunity to Virus Infections. Frontiers in Immunology, 2021, 12, 681449.	4.8	26

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55	Comparison of norovirus genogroup I, II and IV seroprevalence among children in the Netherlands, 1963, 1983 and 2006. <i>Journal of General Virology</i> , 2016, 97, 2255-2264.	2.9	26
56	Induction of Cross-Clade Antibody and T-Cell Responses by a Modified Vaccinia Virus Ankara-Based Influenza A(H5N1) Vaccine in a Randomized Phase 1/2a Clinical Trial. <i>Journal of Infectious Diseases</i> , 2018, 218, 614-623.	4.0	25
57	Influenza Vaccines: Successes and Continuing Challenges. <i>Journal of Infectious Diseases</i> , 2021, 224, S405-S419.	4.0	24
58	Hyperferritinemia is a potential marker of chronic chikungunya: A retrospective study on the Island of Curaçao during the 2014-2015 outbreak. <i>Journal of Clinical Virology</i> , 2017, 86, 31-38.	3.1	22
59	Metagenomic Survey for Viruses in Western Arctic Caribou, Alaska, through Iterative Assembly of Taxonomic Units. <i>PLoS ONE</i> , 2014, 9, e105227.	2.5	21
60	Gene Expression Profiling To Predict and Assess the Consequences of Therapy-Induced Virus Eradication in Chronic Hepatitis C Virus Infection. <i>Journal of Virology</i> , 2014, 88, 12254-12264.	3.4	21
61	Combination therapy of rabies-infected mice with inhibitors of pro-inflammatory host response, antiviral compounds and human rabies immunoglobulin. <i>Vaccine</i> , 2019, 37, 4724-4735.	3.8	20
62	Complete genome analysis of hepatitis C virus subtypes 6t and 6u. <i>Journal of General Virology</i> , 2008, 89, 1276-1281.	2.9	19
63	The Canine Morbillivirus Strain Associated with An Epizootic in Caspian Seals Provides New Insights into the Evolutionary History of this Virus. <i>Viruses</i> , 2019, 11, 894.	3.3	19
64	Advances in influenza vaccination. <i>F1000prime Reports</i> , 2014, 6, 47.	5.9	18
65	Beached bachelors: An extensive study on the largest recorded sperm whale <i>Physeter macrocephalus</i> mortality event in the North Sea. <i>PLoS ONE</i> , 2018, 13, e0201221.	2.5	17
66	Prevalence of Intrathecal Acyclovir Resistant Virus in Herpes Simplex Encephalitis Patients. <i>PLoS ONE</i> , 2016, 11, e0155531.	2.5	17
67	Molecular epidemiology and genetic diversity of hepatitis B virus in Ethiopia. <i>Journal of Medical Virology</i> , 2016, 88, 1035-1043.	5.0	16
68	Immunogenicity and protective efficacy of recombinant Modified Vaccinia virus Ankara candidate vaccines delivering West Nile virus envelope antigens. <i>Vaccine</i> , 2016, 34, 1915-1926.	3.8	16
69	Influenza A (H10N7) Virus Causes Respiratory Tract Disease in Harbor Seals and Ferrets. <i>PLoS ONE</i> , 2016, 11, e0159625.	2.5	16
70	Intranasally administered Endocine, formulated 2009 pandemic influenza H1N1 vaccine induces broad specific antibody responses and confers protection in ferrets. <i>Vaccine</i> , 2014, 32, 3307-3315.	3.8	15
71	Analysis of avian Usutu virus infections in Germany from 2011 to 2018 with focus on dsRNA detection to demonstrate viral infections. <i>Scientific Reports</i> , 2021, 11, 24191.	3.3	14
72	Specificity and functional interaction of the polymerase complex proteins of human and avian metapneumoviruses. <i>Journal of General Virology</i> , 2008, 89, 975-983.	2.9	13

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73	New Respiratory Viruses of Humans. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, S71-S74.	2.0	13
74	Pathogenesis of Infection with 2009 Pandemic H1N1 Influenza Virus in Isogenic Guinea Pigs after Intranasal or Intratracheal Inoculation. <i>American Journal of Pathology</i> , 2015, 185, 643-650.	3.8	13
75	Lagovirus europeus GI.2 (rabbit hemorrhagic disease virus 2) infection in captive mountain hares (<i>Lepus timidus</i>) in Germany. <i>BMC Veterinary Research</i> , 2020, 16, 166.	1.9	13
76	Antibodies specific for hypervariable regions 3 to 5 of the feline immunodeficiency virus envelope glycoprotein are not solely responsible for vaccine-induced acceleration of challenge infection in cats. <i>Journal of General Virology</i> , 2004, 85, 1833-1841.	2.9	12
77	Network meta-analysis correlates with analysis of merged independent transcriptome expression data. <i>BMC Bioinformatics</i> , 2019, 20, 144.	2.6	12
78	Recombinant porcine surfactant protein D inhibits influenza A virus replication ex vivo. <i>Virus Research</i> , 2014, 181, 22-26.	2.2	11
79	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.	6.4	11
80	DC immunotherapy in HIV-1 infection induces a major blood transcriptome shift. <i>Vaccine</i> , 2015, 33, 2922-2929.	3.8	10
81	Assessment of the antiviral properties of recombinant surfactant protein D against influenza B virus in vitro. <i>Virus Research</i> , 2015, 195, 43-46.	2.2	10
82	Zoonotic Origins of Human Metapneumovirus: A Journey from Birds to Humans. <i>Viruses</i> , 2022, 14, 677.	3.3	10
83	Pathogenicity and tissue tropism of currently circulating highly pathogenic avian influenza A virus (H5N1; clade 2.3.2) in tufted ducks (<i>Aythya fuligula</i>). <i>Veterinary Microbiology</i> , 2015, 180, 273-280.	1.9	9
84	Dolphin Morbillivirus in a Fin Whale (<i>Balaenoptera physalus</i>) in Denmark, 2016. <i>Journal of Wildlife Diseases</i> , 2017, 53, 921-924.	0.8	9
85	Virus detection in high-throughput sequencing data without a reference genome of the host. <i>Infection, Genetics and Evolution</i> , 2018, 66, 180-187.	2.3	9
86	Reverse genetics systems for contemporary isolates of respiratory syncytial virus enable rapid evaluation of antibody escape mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
87	Pulmonary pathology of pandemic influenza A/H1N1 virus (2009)-infected ferrets upon longitudinal evaluation by computed tomography. <i>Journal of General Virology</i> , 2011, 92, 1854-1858.	2.9	8
88	Clinical Efficacy of Inhaled Zanamivir for the Treatment of Patients with Influenza B Virus Infection. <i>Clinical Drug Investigation</i> , 2000, 20, 223-228.	2.2	7
89	Mannitol treatment is not effective in therapy of rabies virus infection in mice. <i>Vaccine</i> , 2019, 37, 4710-4714.	3.8	7
90	No Serological Evidence that Harbour Porpoises Are Additional Hosts of Influenza B Viruses. <i>PLoS ONE</i> , 2014, 9, e89058.	2.5	6

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91	Virus discovery analyses on post-mortem brain tissue and cerebrospinal fluid of schizophrenia patients. <i>Schizophrenia Research</i> , 2018, 197, 605-606.	2.0	6
92	Immunity to TBEV Related Flaviviruses with Reduced Pathogenicity Protects Mice from Disease but Not from TBEV Entry into the CNS. <i>Vaccines</i> , 2021, 9, 196.	4.4	6
93	Swinepox Virus Strains Isolated from Domestic Pigs and Wild Boar in Germany Display Altered Coding Capacity in the Terminal Genome Region Encoding for Species-Specific Genes. <i>Viruses</i> , 2021, 13, 2038.	3.3	6
94	The Human-Animal Interface. <i>Microbiology Spectrum</i> , 2013, 1, .	3.0	5
95	Heterosubtypic immunity to H7N9 influenza virus in isogenic guinea pigs after infection with pandemic H1N1 virus. <i>Vaccine</i> , 2015, 33, 6977-6982.	3.8	5
96	The Human-Animal Interface. , 0, , 33-52.		3
97	Detection of Systemic Canine Kobuvirus Infection in Peripheral Tissues and the Central Nervous System of a Fox Infected with Canine Distemper Virus. <i>Microorganisms</i> , 2021, 9, 2521.	3.6	3
98	Pandemics: is hoping for the best enough?. <i>EMBO Reports</i> , 2010, 11, 142-142.	4.5	2
99	COVID-19: losing battles or winning the war?. <i>One Health Outlook</i> , 2020, 2, 9.	3.4	2
100	COVID-19 vaccination and critical care capacity: Perilous months ahead. <i>Vaccine</i> , 2021, 39, 2183-2186.	3.8	2
101	Dromedary MERS-CoV replicates in human respiratory tissues. <i>Lancet Respiratory Medicine</i> , the, 2014, 2, 779-781.	10.7	1
102	Virus replication kinetics and pathogenesis of infection with H7N9 influenza virus in isogenic guinea pigs upon intratracheal inoculation. <i>Vaccine</i> , 2015, 33, 6983-6987.	3.8	1
103	Antigenic Cartography of Human and Swine Influenza A (H3N2) Viruses. <i>Novartis Foundation Symposium</i> , 0, , 32-44.	1.1	1
104	Cationic Geminoid Peptide Amphiphiles Inhibit DENV2 Protease, Furin, and Viral Replication. <i>Molecules</i> , 2022, 27, 3217.	3.8	1
105	EMERGING VIRUS INFECTIONS IN A CHANGING WORLD. , 2006, , .		0
106	Hepatitis E Virus: A Novel Opportunistic Pathogen in Recipients of Allogeneic Hematopoietic Stem Cell Transplantation. <i>Blood</i> , 2012, 120, 4137-4137.	1.4	0
107	Human Metapneumovirus. , 0, , 51-68.		0
108	TIPICO XI: report of the first series and podcast on infectious diseases and vaccines (aTIPICO). <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 4299-4327.	3.3	0

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109	Tissue tropism and pathology of natural influenza virus infection in black-headed gulls (<i>Chroicocephalus ridibundus</i>). Avian Pathology, 0, , .	2.0	0