

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	Infections with highly pathogenic avian influenza A virus (HPAIV) H5N8 in harbor seals at the German North Sea coast, 2021. <i>Emerging Microbes and Infections</i> , 2022, 11, 725-729.	6.5	34
2	Zoonotic Origins of Human Metapneumovirus: A Journey from Birds to Humans. <i>Viruses</i> , 2022, 14, 677.	3.3	10
3	An ACE2-blocking antibody confers broad neutralization and protection against Omicron and other SARS-CoV-2 variants of concern. <i>Science Immunology</i> , 2022, 7, eabp9312.	11.9	35
4	Cationic Geminoid Peptide Amphiphiles Inhibit DENV2 Protease, Furin, and Viral Replication. <i>Molecules</i> , 2022, 27, 3217.	3.8	1
5	Influenza and COVID-19: What does coexistence mean?. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 407-412.	3.4	76
6	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
7	COVID-19 vaccination and critical care capacity: Perilous months ahead. <i>Vaccine</i> , 2021, 39, 2183-2186.	3.8	2
8	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
9	Aging and Options to Halt Declining Immunity to Virus Infections. <i>Frontiers in Immunology</i> , 2021, 12, 681449.	4.8	26
10	Influenza Vaccines: Successes and Continuing Challenges. <i>Journal of Infectious Diseases</i> , 2021, 224, S405-S419.	4.0	24
11	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
12	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
13	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
14	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
15	COVID-19: losing battles or winning the war?. <i>One Health Outlook</i> , 2020, 2, 9.	3.4	2
16	A human monoclonal antibody blocking SARS-CoV-2 infection. <i>Nature Communications</i> , 2020, 11, 2251.	12.8	919
17	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
18	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

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19	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
20	An evolutionary divergent pestivirus lacking the N ^{pro} gene systemically infects a whale species. <i>Emerging Microbes and Infections</i> , 2019, 8, 1383-1392.	6.5	34
21	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
22	Network meta-analysis correlates with analysis of merged independent transcriptome expression data. <i>BMC Bioinformatics</i> , 2019, 20, 144.	2.6	12
23	Mannitol treatment is not effective in therapy of rabies virus infection in mice. <i>Vaccine</i> , 2019, 37, 4710-4714.	3.8	7
24	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
25	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
26	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
27	Evolutionary evidence for multi-host transmission of cetacean morbillivirus. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-15.	6.5	31
28	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
29	Seasonal influenza immunisation: Strategies for older adults. <i>International Journal of Clinical Practice</i> , 2018, 72, e13249.	1.7	27
30	Ancient hepatitis B viruses from the Bronze Age to the Medieval period. <i>Nature</i> , 2018, 557, 418-423.	27.8	155
31	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
32	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
33	Satellite glial cells in human trigeminal ganglia have a broad expression of functional Toll-like receptors. <i>European Journal of Immunology</i> , 2017, 47, 1181-1187.	2.9	33
34	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
35	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
36	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

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37	Molecular epidemiology and genetic diversity of hepatitis B virus in Ethiopia. <i>Journal of Medical Virology</i> , 2016, 88, 1035-1043.	5.0	16
38	Recommended immunization schedules for adults: Clinical practice guidelines by the Escmid 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
39	Transcriptome assists prognosis of disease severity in respiratory syncytial virus infected infants. <i>Scientific Reports</i> , 2016, 6, 36603.	3.3	35
40	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
41	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
42	An orthopoxvirus-based vaccine reduces virus excretion after MERS-CoV infection in dromedary camels. <i>Science</i> , 2016, 351, 77-81.	12.6	216
43	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
44	Prevalence of Intrathecal Acyclovir Resistant Virus in Herpes Simplex Encephalitis Patients. <i>PLoS ONE</i> , 2016, 11, e0155531.	2.5	17
45	Influenza A (H10N7) Virus Causes Respiratory Tract Disease in Harbor Seals and Ferrets. <i>PLoS ONE</i> , 2016, 11, e0159625.	2.5	16
46	Prevalence and clinical consequences of Hepatitis E in patients who underwent liver transplantation for chronic Hepatitis C in the United States. <i>BMC Infectious Diseases</i> , 2015, 15, 371.	2.9	31
47	A novel antigen capture ELISA for the specific detection of IgG antibodies to elephant endotheliotropic herpes virus. <i>BMC Veterinary Research</i> , 2015, 11, 203.	1.9	26
48	Avian Influenza A(H10N7) Virus Associated Mass Deaths among Harbor Seals. <i>Emerging Infectious Diseases</i> , 2015, 21, 720-722.	4.3	92
49	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
50	Time since Onset of Disease and Individual Clinical Markers Associate with Transcriptional Changes in Uncomplicated Dengue. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003522.	3.0	30
51	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
52	A Single Immunization With Modified Vaccinia Virus Ankara-Based Influenza Virus H7 Vaccine Affords Protection in the Influenza A(H7N9) Pneumonia Ferret Model. <i>Journal of Infectious Diseases</i> , 2015, 211, 791-800.	4.0	29
53	DC immunotherapy in HIV-1 infection induces a major blood transcriptome shift. <i>Vaccine</i> , 2015, 33, 2922-2929.	3.8	10
54	Asymptomatic Middle East Respiratory Syndrome Coronavirus Infection in Rabbits. <i>Journal of Virology</i> , 2015, 89, 6131-6135.	3.4	73

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55	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
56	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
57	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
58	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
59	No Serological Evidence that Harbour Porpoises Are Additional Hosts of Influenza B Viruses. <i>PLoS ONE</i> , 2014, 9, e89058.	2.5	6
60	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
61	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
62	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
63	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
64	MERS: emergence of a novel human coronavirus. <i>Current Opinion in Virology</i> , 2014, 5, 58-62.	5.4	170
65	Middle East respiratory syndrome coronavirus in dromedary camels: an outbreak investigation. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 140-145.	9.1	571
66	Recombinant porcine surfactant protein D inhibits influenza A virus replication ex vivo. <i>Virus Research</i> , 2014, 181, 22-26.	2.2	11
67	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
68	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
69	Novel canine bocavirus strain associated with severe enteritis in a dog litter. <i>Veterinary Microbiology</i> , 2014, 174, 1-8.	1.9	41
70	Susceptibility of European jackdaws (<i>Corvus monedula</i>) to experimental infection with lineage 1 and 2 West Nile viruses. <i>Journal of General Virology</i> , 2014, 95, 1320-1329.	2.9	34
71	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
72	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

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73	A recombinant rabies vaccine expressing the trimeric form of the glycoprotein confers enhanced immunogenicity and protection in outbred mice. <i>Vaccine</i> , 2014, 32, 4644-4650.	3.8	32
74	Dromedary MERS-CoV replicates in human respiratory tissues. <i>Lancet Respiratory Medicine</i> , 2014, 2, 779-781.	10.7	1
75	The immune response and within-host emergence of pandemic influenza virus. <i>Lancet</i> , 2014, 384, 2077-2081.	13.7	30
76	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
77	Identification, Characterization, and Natural Selection of Mutations Driving Airborne Transmission of A/H5N1 Virus. <i>Cell</i> , 2014, 157, 329-339.	28.9	237
78	Advances in influenza vaccination. <i>F1000prime Reports</i> , 2014, 6, 47.	5.9	18
79	High Seroprevalence of Human Herpesviruses in HIV-Infected Individuals Attending Primary Healthcare Facilities in Rural South Africa. <i>PLoS ONE</i> , 2014, 9, e99243.	2.5	35
80	The Human-Animal Interface. <i>Microbiology Spectrum</i> , 2013, 1, .	3.0	5
81	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
82	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
83	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
84	Insertion of a multibasic cleavage site in the haemagglutinin of human influenza H3N2 virus does not increase pathogenicity in ferrets. <i>Journal of General Virology</i> , 2011, 92, 1410-1415.	2.9	32
85	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
86	Pandemics: is hoping for the best enough?. <i>EMBO Reports</i> , 2010, 11, 142-142.	4.5	2
87	Fusion protein is the main determinant of metapneumovirus host tropism. <i>Journal of General Virology</i> , 2009, 90, 1408-1416.	2.9	27
88	Depletion of measles virus glycoprotein-specific antibodies from human sera reveals genotype-specific neutralizing antibodies. <i>Journal of General Virology</i> , 2009, 90, 2982-2989.	2.9	28
89	Evolutionary dynamics of human and avian metapneumoviruses. <i>Journal of General Virology</i> , 2008, 89, 2933-2942.	2.9	89
90	Complete genome analysis of hepatitis C virus subtypes 6t and 6u. <i>Journal of General Virology</i> , 2008, 89, 1276-1281.	2.9	19

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91	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
92	New Respiratory Viruses of Humans. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, S71-S74.	2.0	13
93	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
94	Experimental infection of macaques with human metapneumovirus induces transient protective immunity. <i>Journal of General Virology</i> , 2007, 88, 1251-1259.	2.9	47
95	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
96	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
97	EMERGING VIRUS INFECTIONS IN A CHANGING WORLD. , 2006, , .		0
98	Antigenic and Genetic Variability of Human Metapneumoviruses. <i>Emerging Infectious Diseases</i> , 2004, 10, 658-666.	4.3	329
99	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
100	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
101	Avian H5N1 Influenza in Cats. <i>Science</i> , 2004, 306, 241-241.	12.6	374
102	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
103	Characterization of Human Metapneumoviruses Isolated from Patients in North America. <i>Journal of Infectious Diseases</i> , 2002, 185, 1660-1663.	4.0	362
104	Analysis of the Genomic Sequence of a Human Metapneumovirus. <i>Virology</i> , 2002, 295, 119-132.	2.4	382
105	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
106	Antigenic Cartography of Human and Swine Influenza A (H3N2) Viruses. <i>Novartis Foundation Symposium</i> , 0, , 32-44.	1.1	1
107	The Human-Animal Interface. , 0, , 33-52.		3
108	Human Metapneumovirus. , 0, , 51-68.		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