

Human coronaviruses: what do they cause?

Antiviral Therapy

12, 651-8

Citation Report

#	ARTICLE	IF	CITATIONS
1	Development of a Nucleocapsid-Based Human Coronavirus Immunoassay and Estimates of Individuals Exposed to Coronavirus in a U.S. Metropolitan Population. <i>Vaccine Journal</i> , 2008, 15, 1805-1810.	3.2	103
2	Inhibition of the interaction between the SARS-CoV Spike protein and its cellular receptor by anti-histo-blood group antibodies. <i>Glycobiology</i> , 2008, 18, 1085-1093.	1.3	306
3	Organ-Specific Attenuation of Murine Hepatitis Virus Strain A59 by Replacement of Catalytic Residues in the Putative Viral Cyclic Phosphodiesterase ns2. <i>Journal of Virology</i> , 2009, 83, 3743-3753.	1.5	37
4	Viral genome cleavage with artificial ribonucleases: A new method to inactivate RNA-containing viruses. <i>Doklady Biochemistry and Biophysics</i> , 2009, 427, 221-224.	0.3	8
5	Recently Discovered Human Coronaviruses. <i>Clinics in Laboratory Medicine</i> , 2009, 29, 715-724.	0.7	99
6	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
7	The lack of protective immunity against RSV in the elderly. <i>Epidemiology and Infection</i> , 2009, 137, 1687-1690.	1.0	9
8	Renin-angiotensin system in human coronavirus pathogenesis. <i>Future Virology</i> , 2010, 5, 145-161.	0.9	46
9	Role of emerging respiratory viruses in children with severe acute wheezing. <i>Pediatric Pulmonology</i> , 2010, 45, 585-591.	1.0	56
10	Understanding Human Coronavirus HCoV-NL63-!2009-11-13-!2010-04-09-!2010-05-25-!. <i>The Open Virology Journal</i> , 2010, 4, 76-84.	1.8	137
11	Differential Downregulation of ACE2 by the Spike Proteins of Severe Acute Respiratory Syndrome Coronavirus and Human Coronavirus NL63. <i>Journal of Virology</i> , 2010, 84, 1198-1205.	1.5	429
12	Advances in Diagnosis of Respiratory Virus Infections. <i>International Journal of Microbiology</i> , 2010, 1-5.	0.9	29
13	Fatal lower respiratory tract disease with human corona virus NL63 in an adult haematopoietic cell transplant recipient. <i>Bone Marrow Transplantation</i> , 2010, 45, 1115-1116.	1.3	53
14	Severe Acute Respiratory Syndrome (SARS). <i>Infectious Disease Clinics of North America</i> , 2010, 24, 175-202.	1.9	76
15	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
16	Human coronaviruses are uncommon in patients with gastrointestinal illness. <i>Journal of Clinical Virology</i> , 2010, 48, 131-133.	1.6	68
17	Recombination, Reservoirs, and the Modular Spike: Mechanisms of Coronavirus Cross-Species Transmission. <i>Journal of Virology</i> , 2010, 84, 3134-3146.	1.5	595
18	A Transmembrane Serine Protease Is Linked to the Severe Acute Respiratory Syndrome Coronavirus Receptor and Activates Virus Entry. <i>Journal of Virology</i> , 2011, 85, 873-882.	1.5	611

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19	Prevalence of human coronaviruses in adults with acute respiratory tract infections in Beijing, China. <i>Journal of Medical Virology</i> , 2011, 83, 291-297.	2.5	48
20	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
21	Etiology of Suspected Pneumonia in Adults Admitted to a High-Dependency Unit in Blantyre, Malawi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 85, 105-112.	0.6	28
22	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
23	The first complete genome sequences of clinical isolates of human coronavirus 229E. <i>Virus Genes</i> , 2012, 45, 433-439.	0.7	30
24	Replication of human coronaviruses SARS-CoV, HCoV-NL63 and HCoV-229E is inhibited by the drug FK506. <i>Virus Research</i> , 2012, 165, 112-117.	1.1	189
25	Human coronavirus NL-63 infection in a Brazilian patient suspected of H1N1 2009 influenza infection: Description of a fatal case. <i>Journal of Clinical Virology</i> , 2012, 53, 82-84.	1.6	27
26	The dominance of human coronavirus OC43 and NL63 infections in infants. <i>Journal of Clinical Virology</i> , 2012, 53, 135-139.	1.6	161
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28	Coronaviruses. , 2012, , 587-593.		20
29	Ocular Tropism of Respiratory Viruses. <i>Microbiology and Molecular Biology Reviews</i> , 2013, 77, 144-156.	2.9	261
30	Epidemiological and clinical features of human coronavirus infections among different subsets of patients. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 1040-1047.	1.5	109
31	Clinical features and viral diagnosis of two cases of infection with Middle East Respiratory Syndrome coronavirus: a report of nosocomial transmission. <i>Lancet, The</i> , 2013, 381, 2265-2272.	6.3	370
32	Emerging Human Middle East Respiratory Syndrome Coronavirus Causes Widespread Infection and Alveolar Damage in Human Lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 882-886.	2.5	96
33	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
34	Middle East Respiratory Syndrome Coronavirus (MERS-CoV): A Perpetual Challenge. <i>Annals of Saudi Medicine</i> , 2013, 33, 427-436.	0.5	76
35	Prevalence and Genetic Diversity Analysis of Human Coronavirus OC43 among Adult Patients with Acute Respiratory Infections in Beijing, 2012. <i>PLoS ONE</i> , 2014, 9, e100781.	1.1	11
36	Evaluating Weight of Evidence in the Mystery of Balkan Endemic Nephropathy. <i>Risk Analysis</i> , 2014, 34, 1688-1705.	1.5	34

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38	Human coronavirus NL63 replication is cyclophilin A-dependent and inhibited by non-immunosuppressive cyclosporine A-derivatives including Alisporivir. <i>Virus Research</i> , 2014, 184, 44-53.	1.1	122
39	Ecology, evolution and classification of bat coronaviruses in the aftermath of SARS. <i>Antiviral Research</i> , 2014, 101, 45-56.	1.9	340
41	Antiviral Natural Products and Herbal Medicines. <i>Journal of Traditional and Complementary Medicine</i> , 2014, 4, 24-35.	1.5	369
42	A Kinome-Wide Small Interfering RNA Screen Identifies Proviral and Antiviral Host Factors in Severe Acute Respiratory Syndrome Coronavirus Replication, Including Double-Stranded RNA-Activated Protein Kinase and Early Secretory Pathway Proteins. <i>Journal of Virology</i> , 2015, 89, 8318-8333.	1.5	68
43	Respiratory Infections in the U.S. Military: Recent Experience and Control. <i>Clinical Microbiology Reviews</i> , 2015, 28, 743-800.	5.7	72
44	Evidence for an Ancestral Association of Human Coronavirus 229E with Bats. <i>Journal of Virology</i> , 2015, 89, 11858-11870.	1.5	204
45	Genome-Wide Screen Reveals Valosin-Containing Protein Requirement for Coronavirus Exit from Endosomes. <i>Journal of Virology</i> , 2015, 89, 11116-11128.	1.5	54
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47	Avoiding Regions Symptomatic of Conformational and Functional Flexibility to Identify Antiviral Targets in Current and Future Coronaviruses. <i>Genome Biology and Evolution</i> , 2016, 8, 3471-3484.	1.1	7
48	Human Coronaviruses: A Review of Virusâ€™Host Interactions. <i>Diseases (Basel, Switzerland)</i> , 2016, 4, 26.	1.0	474
49	Molecular Basis of Coronavirus Virulence and Vaccine Development. <i>Advances in Virus Research</i> , 2016, 96, 245-286.	0.9	128
50	Diversity and Evolutionary Histories of Human Coronaviruses NL63 and 229E Associated with Acute Upper Respiratory Tract Symptoms in Kuala Lumpur, Malaysia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 1058-1064.	0.6	13
51	Recent insights into the development of therapeutics against coronavirus diseases by targeting N protein. <i>Drug Discovery Today</i> , 2016, 21, 562-572.	3.2	90
52	A Comparative Review of Animal Models of Middle East Respiratory Syndrome Coronavirus Infection. <i>Veterinary Pathology</i> , 2016, 53, 521-531.	0.8	27
53	Host Factors in Coronavirus Replication. <i>Current Topics in Microbiology and Immunology</i> , 2017, 419, 1-42.	0.7	379
54	Complete Genome Sequence of Human Coronavirus Strain 229E Isolated from Plasma Collected from a Haitian Child in 2016. <i>Genome Announcements</i> , 2017, 5, .	0.8	5
55	Prevalence and genetic diversity of coronaviruses in wild birds, Finland. <i>Infection Ecology and Epidemiology</i> , 2017, 7, 1408360.	0.5	23

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59	Respiratory Viral Infections in Patients With Cancer or Undergoing Hematopoietic Cell Transplant. <i>Frontiers in Microbiology</i> , 2018, 9, 3097.	1.5	64
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61	A Rare Case of Human Coronavirus 229E Associated with Acute Respiratory Distress Syndrome in a Healthy Adult. <i>Case Reports in Infectious Diseases</i> , 2018, 2018, 1-4.	0.2	40
62	Hosts and Sources of Endemic Human Coronaviruses. <i>Advances in Virus Research</i> , 2018, 100, 163-188.	0.9	756
63	Coronavirus envelope protein: current knowledge. <i>Virology Journal</i> , 2019, 16, 69.	1.4	1,449
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72	The Good, The Bad and The Ugly: A Mathematical Model Investigates the Differing Outcomes Among COVID-19 Patients. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 673-681.	0.9	11
73	Novel insights into the treatment of SARS-CoV-2 infection: An overview of current clinical trials. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 18-43.	3.6	35

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75	Structural basis for translational shutdown and immune evasion by the Nsp1 protein of SARS-CoV-2. <i>Science</i> , 2020, 369, 1249-1255.	6.0	635
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77	Description of a new biosafe procedure for cytological specimens from patients with COVID-19 processed by liquid-based preparations. <i>Cancer Cytopathology</i> , 2020, 128, 905-909.	1.4	9
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81	Rapid Antibody-Based COVID-19 Mass Surveillance: Relevance, Challenges, and Prospects in a Pandemic and Post-Pandemic World. <i>Journal of Clinical Medicine</i> , 2020, 9, 3372.	1.0	54
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84	HIV and Human Coronavirus Coinfections: A Historical Perspective. <i>Viruses</i> , 2020, 12, 937.	1.5	8
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88	Coronavirus vaccine development: from SARS and MERS to COVID-19. <i>Journal of Biomedical Science</i> , 2020, 27, 104.	2.6	287
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95	Human Type I Interferon Antiviral Effects in Respiratory and Reemerging Viral Infections. <i>Journal of Immunology Research</i> , 2020, 2020, 1-27.	0.9	33
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108	Developments in biosensors for CoV detection and future trends. <i>Biosensors and Bioelectronics</i> , 2021, 173, 112777.	5.3	78
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118	Vaccine Development and Immune Responses in COVID-19: Lessons from the Past. , 2021, , 149-185.		1
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120	Natural and Nature-Derived Products Targeting Human Coronaviruses. <i>Molecules</i> , 2021, 26, 448.	1.7	24
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129	Coronaviruses in humans and animals: the role of bats in viral evolution. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19589-19600.	2.7	40
130	Neurological Complications of COVID-19: Underlying Mechanisms and Management. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4081.	1.8	48
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143	SARS-CoV-2: Origin, Pathogenesis and Therapeutic Interventions. <i>Coronaviruses</i> , 2021, 2, .	0.2	2
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151	Clinical and Epidemiological Characteristics of Common Human Coronaviruses in Children: A Single Center Study, 2015â€“2019. <i>Pediatric Infection and Vaccine</i> , 2021, 28, 101.	0.1	2
152	Temporal development and neutralising potential of antibodies against SARS-CoV-2 in hospitalised COVID-19 patients: An observational cohort study. <i>PLoS ONE</i> , 2021, 16, e0245382.	1.1	14
153	Coronaviruses. , 2014, , 199-223.		18
154	Human Acute and Chronic Viruses: Host-Pathogen Interactions and Therapeutics. , 2020, , 1-120.		3
155	COVID-19 Analysis by Using Machine and Deep Learning. <i>Studies in Big Data</i> , 2020, , 31-63.	0.8	5
156	HCoV-229E spike protein fusion activation by trypsin-like serine proteases is mediated by proteolytic processing in the S2â€² region. <i>Journal of General Virology</i> , 2018, 99, 908-912.	1.3	15
157	Interaction of severe acute respiratory syndrome-coronavirus and NL63 coronavirus spike proteins with angiotensin converting enzyme-2. <i>Journal of General Virology</i> , 2008, 89, 2741-2745.	1.3	67
162	High Prevalence and Putative Lineage Maintenance of Avian Coronaviruses in Scandinavian Waterfowl. <i>PLoS ONE</i> , 2016, 11, e0150198.	1.1	30
163	Biodiversity and epidemic potential of Chiropteran coronaviruses (<i>Nidovirales: Coronaviridae</i>). <i>South of Russia: Ecology, Development</i> , 2020, 15, 17-34.	0.1	6
164	Laboratory capability and surveillance testing for Middle East respiratory syndrome coronavirus infection in the WHO European Region, June 2013. <i>Eurosurveillance</i> , 2014, 19, 20923.	3.9	12
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