Stanley Perlman

List of Publications by Year
in descending order

304 papers	43,938 citations	4383 86 h-index	2743 192 g-index
396 all docs	396 docs citations	396 times ranked	55135 citing authors

#	Article	IF	Citations
1	COVID-19: Inflammatory Profile. Annual Review of Medicine, 2022, 73, 65-80.	5.0	43
2	Immune dysregulation and immunopathology induced by SARS-CoV-2 and related coronaviruses â€" are we our own worst enemy?. Nature Reviews Immunology, 2022, 22, 47-56.	10.6	118
3	Development of a Single-Cycle Infectious SARS-CoV-2 Virus Replicon Particle System for Use in Biosafety Level 2 Laboratories. Journal of Virology, 2022, 96, JVI0183721.	1.5	21
4	Unresolved questions in the zoonotic transmission of MERS. Current Opinion in Virology, 2022, 52, 258-264.	2.6	17
5	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters. Nature, 2022, 603, 687-692.	13.7	475
6	N7-Methylation of the Coronavirus RNA Cap Is Required for Maximal Virulence by Preventing Innate Immune Recognition. MBio, 2022, 13, e0366221.	1.8	27
7	Advances and gaps in SARS-CoV-2 infection models. PLoS Pathogens, 2022, 18, e1010161.	2.1	61
8	Lipid nanoparticle-mRNA: another step in the fight against COVID-19. Cell Research, 2022, 32, 421-422.	5.7	5
9	Eicosanoid signalling blockade protects middle-aged mice from severe COVID-19. Nature, 2022, 605, 146-151.	13.7	82
10	Defining the risk of SARS-CoV-2 variants on immune protection. Nature, 2022, 605, 640-652.	13.7	117
11	Virus-Specific Regulatory T Cells Persist as Memory in a Neurotropic Coronavirus Infection. Journal of Immunology, 2022, 208, 1989-1997.	0.4	2
12	Inter-domain communication in SARS-CoV-2 spike proteins controls protease-triggered cell entry. Cell Reports, 2022, 39, 110786.	2.9	37
13	Evidence-based intraoperative infection control measures plus feedback are associated with attenuation of severe acute respiratory syndrome coronavirus-2 detection in operating rooms. British Journal of Anaesthesia, 2022, 129, e29-e32.	1.5	6
14	RBD-mRNA vaccine induces broadly neutralizing antibodies against Omicron and multiple other variants and protects mice from SARS-CoV-2 challenge. Translational Research, 2022, 248, 11-21.	2.2	13
15	Alveolar macrophages protect mice from MERS-CoV-induced pneumonia and severe disease. Veterinary Pathology, 2022, 59, 627-638.	0.8	4
16	An open source and convenient method for the wide-spread testing of COVID-19 using deep throat sputum samples. PeerJ, 2022, 10, e13277.	0.9	0
17	Effective Interferon Lambda Treatment Regimen To Control Lethal MERS-CoV Infection in Mice. Journal of Virology, 2022, 96, e0036422.	1.5	8
18	MERS-CoV endoribonuclease and accessory proteins jointly evade host innate immunity during infection of lung and nasal epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	20

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19	Engineering viral genomics and nano-liposomes in microfluidic platforms for patient-specific analysis of SARS-CoV-2 variants. Theranostics, 2022, 12, 4779-4790.	4.6	9
20	Inactivation of Severe Acute Respiratory Coronavirus Virus 2 (SARS-CoV-2) and Diverse RNA and DNA Viruses on Three-Dimensionally Printed Surgical Mask Materials. Infection Control and Hospital Epidemiology, 2021, 42, 253-260.	1.0	23
21	MERS-CoV in Africaâ€”an enigma with relevance to COVID-19. Lancet Infectious Diseases, The, 2021, 21, 303-305.	4.6	4
22	COVID-19 treatments and pathogenesis including anosmia in K18-hACE2 mice. Nature, 2021, 589, 603-607.	13.7	394
23	Severe Acute Respiratory Syndrome Coronavirus 2â€“Induced Immune Activation and Death of Monocyte-Derived Human Macrophages and Dendritic Cells. Journal of Infectious Diseases, 2021, 223, 785-795.	1.9	127
24	Middle East Respiratory Syndrome Coronavirus Gene 5 Modulates Pathogenesis in Mice. Journal of Virology, 2021, 95, .	1.5	10
25	Suspected COVID-19 Reinfections at a Tertiary Care Center, Iowa, 2020. Open Forum Infectious Diseases, 2021, 8, ofab188.	0.4	0
26	Exponential increase in neutralizing and spike specific antibodies following vaccination of <scp>COVID</scp>â€‘19 convalescent plasma donors. Transfusion, 2021, 61, 2099-2106.	0.8	27
27	Vaccine-associated enhanced disease: Case definition and guidelines for data collection, analysis, and presentation of immunization safety data. Vaccine, 2021, 39, 3053-3066.	1.7	66
28	Phenotypic and Functional Characteristics of a Novel Influenza Virus Hemagglutinin-Specific Memory NK Cell. Journal of Virology, 2021, 95, .	1.5	8
29	Longevity of Middle East Respiratory Syndrome Coronavirus Antibody Responses in Humans, Saudi Arabia. Emerging Infectious Diseases, 2021, 27, .	2.0	10
30	Coronavirus-specific antibody production in middle-aged mice requires phospholipase A2G2D. Journal of Clinical Investigation, 2021, 131, .	3.9	12
31	Middle East respiratory syndrome coronavirus Spike protein variants exhibit geographic differences in virulence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	7
32	Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity. Science Advances, 2021, 7, .	4.7	48
33	SARS-CoV-2 takes its Toll. Nature Immunology, 2021, 22, 801-802.	7.0	47
34	Innate immune and inflammatory responses to SARS-CoV-2: Implications for COVID-19. Cell Host and Microbe, 2021, 29, 1052-1062.	5.1	185
35	Structure-Guided Design of Conformationally Constrained Cyclohexane Inhibitors of Severe Acute Respiratory Syndrome Coronavirus-2 3CL Protease. Journal of Medicinal Chemistry, 2021, 64, 10047-10058.	2.9	38
36	Test-based de-isolation in COVID-19 immunocompromised patients: Cycle threshold value versus SARS-CoV-2 viral culture. International Journal of Infectious Diseases, 2021, 108, 112-115.	1.5	9

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37	Postinfection treatment with a protease inhibitor increases survival of mice with a fatal SARS-CoV-2 infection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	61
38	The development of Nanosota-1 as anti-SARS-CoV-2 nanobody drug candidates. ELife, 2021, 10, .	2.8	42
39	Dynamics of SARS-CoV-2 Spike Proteins in Cell Entry: Control Elements in the Amino-Terminal Domains. MBio, 2021, 12, e0159021.	1.8	49
40	Middle East respiratory syndrome coronavirus â€“ The need for global proactive surveillance, sequencing and modeling. Travel Medicine and Infectious Disease, 2021, 43, 102118.	1.5	5
41	Differential Effects of Prostaglandin D 2 Signaling on Macrophages and Microglia in Murine Coronavirus Encephalomyelitis. MBio, 2021, 12, e0196921.	1.8	2
42	Post-viral effects of COVID-19 in the olfactory system and their implications. Lancet Neurology, The, 2021, 20, 753-761.	4.9	119
43	Binding of a pyrimidine RNA base-mimic to SARS-CoV-2 nonstructural protein 9. Journal of Biological Chemistry, 2021, 297, 101018.	1.6	10
44	An assessment of the impact of recommended anesthesia work area cleaning procedures on intraoperative SARS-CoV-2 contamination, a case-series analysis. Journal of Clinical Anesthesia, 2021, 73, 110350.	0.7	6
45	Does common cold coronavirus infection protect against severe SARS-CoV-2 disease?. Journal of Clinical Investigation, 2021, 131, .	3.9	25
46	A natural product compound inhibits coronaviral replication inÂvitro by binding to the conserved Nsp9 SARS-CoV-2 protein. Journal of Biological Chemistry, 2021, 297, 101362.	1.6	35
47	Development of a Saliva-Optimized RT-LAMP Assay for SARS-CoV-2. Journal of Biomolecular Techniques, 2021, 32, 102-113.	0.8	5
48	Structure-Guided Design of Potent Inhibitors of SARS-CoV-2 3CL Protease: Structural, Biochemical, and Cell-Based Studies. Journal of Medicinal Chemistry, 2021, 64, 17846-17865.	2.9	22
49	Confronting the persisting threat of the Middle East respiratory syndrome to global health security. Lancet Infectious Diseases, The, 2020, 20, 158-160.	4.6	7
50	Murine Coronavirus Infection Activates the Aryl Hydrocarbon Receptor in an Indoleamine 2,3-Dioxygenase-Independent Manner, Contributing to Cytokine Modulation and Proviral TCDD-Inducible-PARP Expression. Journal of Virology, 2020, 94, .	1.5	60
51	Coronavirus infection and PARP expression dysregulate the NAD metabolome: An actionable component of innate immunity. Journal of Biological Chemistry, 2020, 295, 17986-17996.	1.6	132
52	Animal models for COVID-19. Nature, 2020, 586, 509-515.	13.7	705
53	Testing COVID-19 therapies to prevent progression of mild disease. Lancet Infectious Diseases, The, 2020, 20, 1367.	4.6	12
54	Lessons for COVID-19 Immunity from Other Coronavirus Infections. Immunity, 2020, 53, 248-263.	6.6	281

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55	3C-like protease inhibitors block coronavirus replication in vitro and improve survival in MERS-CoVâ€“infected mice. Science Translational Medicine, 2020, 12, .	5.8	187
56	Î²-Coronaviruses Use Lysosomes for Egress Instead of the Biosynthetic Secretory Pathway. Cell, 2020, 183, 1520-1535.e14.	13.5	441
57	Microglia depletion exacerbates demyelination and impairs remyelination in a neurotropic coronavirus infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24464-24474.	3.3	54
58	Sensitization of Non-permissive Laboratory Mice to SARS-CoV-2 with a Replication-Deficient Adenovirus Expressing Human ACE2. STAR Protocols, 2020, 1, 100169.	0.5	20
59	Oligodendrocytes that survive acute coronavirus infection induce prolonged inflammatory responses in the CNS. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15902-15910.	3.3	32
60	Generation of a Broadly Useful Model for COVID-19 Pathogenesis, Vaccination, and Treatment. Cell, 2020, 182, 734-743.e5.	13.5	398
61	A SARS-CoV-2 Infection Model in Mice Demonstrates Protection by Neutralizing Antibodies. Cell, 2020, 182, 744-753.e4.	13.5	486
62	Middle East respiratory syndrome. Lancet, The, 2020, 395, 1063-1077.	6.3	358
63	Prostaglandin D2 signaling in dendritic cells is critical for the development of EAE. Journal of Autoimmunity, 2020, 114, 102508.	3.0	4
64	The species Severe acute respiratory syndrome-related coronavirus: classifying 2019-nCoV and naming it SARS-CoV-2. Nature Microbiology, 2020, 5, 536-544.	5.9	5,799
65	Statement in support of the scientists, public health professionals, and medical professionals of China combatting COVID-19. Lancet, The, 2020, 395, e42-e43.	6.3	182
66	Another Decade, Another Coronavirus. New England Journal of Medicine, 2020, 382, 760-762.	13.9	734
67	Single-Dose, Intranasal Immunization with Recombinant Parainfluenza Virus 5 Expressing Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Spike Protein Protects Mice from Fatal MERS-CoV Infection. MBio, 2020, 11, .	1.8	43
68	Multiplex Screening Assay for Identifying Cytotoxic CD8+ T Cell Epitopes. Frontiers in Immunology, 2020, 11, 400.	2.2	5
69	Distinct Roles for Sialoside and Protein Receptors in Coronavirus Infection. MBio, 2020, 11, .	1.8	86
70	Evaluation of Activation and Inflammatory Activity of Myeloid Cells During Pathogenic Human Coronavirus Infection. Methods in Molecular Biology, 2020, 2099, 195-204.	0.4	29
71	Coronaviruses: An Updated Overview of Their Replication and Pathogenesis. Methods in Molecular Biology, 2020, 2203, 1-29.	0.4	132
72	Consensus summary report for CEPI/BC March 12â€“13, 2020 meeting: Assessment of risk of disease enhancement with COVID-19 vaccines. Vaccine, 2020, 38, 4783-4791.	1.7	102

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73	COVID-19 poses a riddle for the immune system. Nature, 2020, 584, 345-346.	13.7	29
74	Kinetics of viral load and antibody response in relation to COVID-19 severity. Journal of Clinical Investigation, 2020, 130, 5235-5244.	3.9	501
75	Age-related susceptibility to coronavirus infections: role of impaired and dysregulated host immunity. Journal of Clinical Investigation, 2020, 130, 6204-6213.	3.9	59
76	Vaccine against Middle East respiratory syndrome coronavirus. Lancet Infectious Diseases, The, 2019, 19, 1054-1055.	4.6	11
77	Single intranasal immunization with chimpanzee adenovirus-based vaccine induces sustained and protective immunity against MERS-CoV infection. Emerging Microbes and Infections, 2019, 8, 760-772.	3.0	36
78	The coronavirus macrodomain is required to prevent PARP-mediated inhibition of virus replication and enhancement of IFN expression. PLoS Pathogens, 2019, 15, e1007756.	2.1	155
79	Antiâ€“spike IgG causes severe acute lung injury by skewing macrophage responses during acute SARS-CoV infection. JCI Insight, 2019, 4, .	2.3	742
80	Middle East Respiratory Syndrome Coronavirus Seropositivity in Camel Handlers and Their Families, Pakistan. Emerging Infectious Diseases, 2019, 25, .	2.0	9
81	SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. Nature Communications, 2019, 10, 120.	5.8	192
82	IFN-I response timing relative to virus replication determines MERS coronavirus infection outcomes. Journal of Clinical Investigation, 2019, 129, 3625-3639.	3.9	460
83	MERS coronaviruses from camels in Africa exhibit region-dependent genetic diversity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3144-3149.	3.3	142
84	Viral Macrodomains: Unique Mediators of Viral Replication and Pathogenesis. Trends in Microbiology, 2018, 26, 598-610.	3.5	93
85	Selective Packaging in Murine Coronavirus Promotes Virulence by Limiting Type I Interferon Responses. MBio, 2018, 9, .	1.8	20
86	Structure-guided design of potent and permeable inhibitors of MERS coronavirus 3CL protease that utilize a piperidine moiety as a novel design element. European Journal of Medicinal Chemistry, 2018, 150, 334-346.	2.6	96
87	The coronavirus nucleocapsid protein is ADP-ribosylated. Virology, 2018, 517, 62-68.	1.1	61
88	Immune responses in influenza A virus and human coronavirus infections: an ongoing battle between the virus and host. Current Opinion in Virology, 2018, 28, 43-52.	2.6	56
89	Nasal priming by a murine coronavirus provides protective immunity against lethal heterologous virus pneumonia. JCI Insight, 2018, 3, .	2.3	27
90	High Prevalence of MERS-CoV Infection in Camel Workers in Saudi Arabia. MBio, 2018, 9, .	1.8	97

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91	Role of Severe Acute Respiratory Syndrome Coronavirus Viroporins E, 3a, and 8a in Replication and Pathogenesis. MBio, 2018, 9, .	1.8	248
92	Not your usual tRNA synthetase: hWARS serves as an enterovirus entry factor. Journal of Clinical Investigation, 2018, 128, 4767-4769.	3.9	5
93	Microglia are required for protection against lethal coronavirus encephalitis in mice. Journal of Clinical Investigation, 2018, 128, 931-943.	3.9	137
94	MERS-CoV 4b protein interferes with the NF-Î°B-dependent innate immune response during infection. PLoS Pathogens, 2018, 14, e1006838.	2.1	104
95	Alisporivir inhibits MERS- and SARS-coronavirus replication in cell culture, but not SARS-coronavirus infection in a mouse model. Virus Research, 2017, 228, 7-13.	1.1	68
96	Roles of regulatory T cells and IL-10 in virus-induced demyelination. Journal of Neuroimmunology, 2017, 308, 6-11.	1.1	17
97	<i>In Situ</i> Tagged nsp15 Reveals Interactions with Coronavirus Replication/Transcription Complex-Associated Proteins. MBio, 2017, 8, .	1.8	46
98	Pathogenic human coronavirus infections: causes and consequences of cytokine storm and immunopathology. Seminars in Immunopathology, 2017, 39, 529-539.	2.8	2,041
99	Passive immunotherapy for Middle East Respiratory Syndrome coronavirus infection with equine immunoglobulin or immunoglobulin fragments in a mouse model. Antiviral Research, 2017, 137, 125-130.	1.9	28
100	Sex-Based Differences in Susceptibility to Severe Acute Respiratory Syndrome Coronavirus Infection. Journal of Immunology, 2017, 198, 4046-4053.	0.4	718
101	Mouse-adapted MERS coronavirus causes lethal lung disease in human DPP4 knockin mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3119-E3128.	3.3	147
102	DNA vaccine encoding Middle East respiratory syndrome coronavirus S1 protein induces protective immune responses in mice. Vaccine, 2017, 35, 2069-2075.	1.7	53
103	Murine Olfactory Bulb Interneurons Survive Infection with a Neurotropic Coronavirus. Journal of Virology, 2017, 91, .	1.5	27
104	Recovery from the Middle East respiratory syndrome is associated with antibody and T cell responses. Science Immunology, 2017, 2, .	5.6	252
105	Virus-induced inflammasome activation is suppressed by prostaglandin D ₂ /DP1 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5444-E5453.	3.3	48
106	Recombinant Receptor-Binding Domains of Multiple Middle East Respiratory Syndrome Coronaviruses (MERS-CoVs) Induce Cross-Neutralizing Antibodies against Divergent Human and Camel MERS-CoVs and Antibody Escape Mutants. Journal of Virology, 2017, 91, .	1.5	69
107	Middle East Respiratory Syndrome: Emergence of a Pathogenic Human Coronavirus. Annual Review of Medicine, 2017, 68, 387-399.	5.0	219
108	The tetraspanin CD9 facilitates MERS-coronavirus entry by scaffolding host cell receptors and proteases. PLoS Pathogens, 2017, 13, e1006546.	2.1	121

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109	Simultaneous Intranasal/Intravascular Antibody Labeling of CD4+ T Cells in Mouse Lungs. Bio-protocol, 2017, 7, .	0.2	2
110	Antibody Response and Disease Severity in Healthcare Worker MERS Survivors. Emerging Infectious Diseases, 2016, 22, .	2.0	131
111	Equine Immunoglobulin and Equine Neutralizing F(abâ€²)2 Protect Mice from West Nile Virus Infection. Viruses, 2016, 8, 332.	1.5	5
112	The Conserved Coronavirus Macrodomain Promotes Virulence and Suppresses the Innate Immune Response during Severe Acute Respiratory Syndrome Coronavirus Infection. MBio, 2016, 7, .	1.8	198
113	Efficacy of an Automated Multiple Emitter Whole-Room Ultraviolet-C Disinfection System Against Coronaviruses MHV and MERS-CoV. Infection Control and Hospital Epidemiology, 2016, 37, 598-599.	1.0	111
114	Middle East respiratory syndrome vaccines. International Journal of Infectious Diseases, 2016, 47, 23-28.	1.5	26
115	MAVS Expressed by Hematopoietic Cells Is Critical for Control of West Nile Virus Infection and Pathogenesis. Journal of Virology, 2016, 90, 7098-7108.	1.5	23
116	Introduction of neutralizing immunogenicity index to the rational design of MERS coronavirus subunit vaccines. Nature Communications, 2016, 7, 13473.	5.8	106
117	Neurotropic Coronavirus Infections. , 2016, , 115-148.		6
118	Proteolytic processing of Middle East respiratory syndrome coronavirus spikes expands virus tropism. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12262-12267.	3.3	272
119	Airway Memory CD4 + T Cells Mediate Protective Immunity against Emerging Respiratory Coronaviruses. Immunity, 2016, 44, 1379-1391.	6.6	468
120	Identification of an ideal adjuvant for receptor-binding domain-based subunit vaccines against Middle East respiratory syndrome coronavirus. Cellular and Molecular Immunology, 2016, 13, 180-190.	4.8	114
121	Human polyclonal immunoglobulin G from transchromosomic bovines inhibits MERS-CoV in vivo. Science Translational Medicine, 2016, 8, 326ra21.	5.8	102
122	Middle East respiratory syndrome and severe acute respiratory syndrome. Current Opinion in Virology, 2016, 16, 70-76.	2.6	55
123	Dysregulated Type I Interferon and Inflammatory Monocyte-Macrophage Responses Cause Lethal Pneumonia in SARS-CoV-Infected Mice. Cell Host and Microbe, 2016, 19, 181-193.	5.1	1,284
124	Middle East Respiratory Syndrome Coronavirus Causes Multiple Organ Damage and Lethal Disease in Mice Transgenic for Human Dipeptidyl Peptidase 4. Journal of Infectious Diseases, 2016, 213, 712-722.	1.9	375
125	Research Driven by Curiosity: The Journey from Basic Molecular Biology and Virology to Studies of Human Pathogenic Coronaviruses. PLoS Pathogens, 2015, 11, e1005023.	2.1	3
126	The nsp3 Macrodomain Promotes Virulence in Mice with Coronavirus-Induced Encephalitis. Journal of Virology, 2015, 89, 1523-1536.	1.5	140

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127	Middle East respiratory syndrome. Lancet, The, 2015, 386, 995-1007.	6.3	1,033
128	Middle East Respiratory Syndromeâ€" advancing the public health and research agenda on MERS- lessons from the South Korea outbreak. International Journal of Infectious Diseases, 2015, 36, 54-55.	1.5	50
129	Middle East respiratory syndrome in the shadow of Ebola. Lancet Respiratory Medicine,the, 2015, 3, 100-102.	5.2	12
130	Murine Coronavirus Ubiquitin-Like Domain Is Important for Papain-Like Protease Stability and Viral Pathogenesis. Journal of Virology, 2015, 89, 4907-4917.	1.5	50
131	Spread of MERS to South Korea and China. Lancet Respiratory Medicine,the, 2015, 3, 509-510.	5.2	77
132	Severe Acute Respiratory Syndrome Coronaviruses with Mutations in the E Protein Are Attenuated and Promising Vaccine Candidates. Journal of Virology, 2015, 89, 3870-3887.	1.5	118
133	Protective Effect of Intranasal Regimens Containing Peptidic Middle East Respiratory Syndrome Coronavirus Fusion Inhibitor Against MERS-CoV Infection. Journal of Infectious Diseases, 2015, 212, 1894-1903.	1.9	87
134	Passive Immunotherapy with Dromedary Immune Serum in an Experimental Animal Model for Middle East Respiratory Syndrome Coronavirus Infection. Journal of Virology, 2015, 89, 6117-6120.	1.5	64
135	A humanized neutralizing antibody against MERS-CoV targeting the receptor-binding domain of the spike protein. Cell Research, 2015, 25, 1237-1249.	5.7	137
136	Critical role of phospholipase A2 group IID in age-related susceptibility to severe acute respiratory syndromeâ€"CoV infection. Journal of Experimental Medicine, 2015, 212, 1851-1868.	4.2	123
137	Prophylactic and postexposure efficacy of a potent human monoclonal antibody against MERS coronavirus. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10473-10478.	3.3	198
138	Coronaviruses: An Overview of Their Replication and Pathogenesis. Methods in Molecular Biology, 2015, 1282, 1-23.	0.4	2,664
139	Coronaviruses, Including Severe Acute Respiratory Syndrome (SARS) and Middle East Respiratory Syndrome (MERS). , 2015, , 1928-1936.e2.		33
140	Identification of the Mechanisms Causing Reversion to Virulence in an Attenuated SARS-CoV for the Design of a Genetically Stable Vaccine. PLoS Pathogens, 2015, 11, e1005215.	2.1	137
141	Coronavirus Accessory Proteins. , 2014, , 235-244.		10
142	Coronavirus Replicative Proteins. , 2014, , 65-81.		10
143	Virus-Specific Regulatory T Cells Ameliorate Encephalitis by Repressing Effector T Cell Functions from Priming to Effector Stages. PLoS Pathogens, 2014, 10, e1004279.	2.1	33
144	Inhibition of NF-Î°B-Mediated Inflammation in Severe Acute Respiratory Syndrome Coronavirus-Infected Mice Increases Survival. Journal of Virology, 2014, 88, 913-924.	1.5	344

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145	Virus-Specific Memory CD8 T Cells Provide Substantial Protection from Lethal Severe Acute Respiratory Syndrome Coronavirus Infection. Journal of Virology, 2014, 88, 11034-11044.	1.5	407
146	Structural Basis for the Identification of the N-Terminal Domain of Coronavirus Nucleocapsid Protein as an Antiviral Target. Journal of Medicinal Chemistry, 2014, 57, 2247-2257.	2.9	113
147	Receptor Variation and Susceptibility to Middle East Respiratory Syndrome Coronavirus Infection. Journal of Virology, 2014, 88, 4953-4961.	1.5	101
148	The Cellular Redox Environment Alters Antigen Presentation. Journal of Biological Chemistry, 2014, 289, 27979-27991.	1.6	52
149	Structural and Functional Correlates of Enhanced Antiviral Immunity Generated by Heteroclitic CD8 T Cell Epitopes. Journal of Immunology, 2014, 192, 5245-5256.	0.4	9
150	Rapid generation of a mouse model for Middle East respiratory syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4970-4975.	3.3	399
151	T cell-mediated immune response to respiratory coronaviruses. Immunologic Research, 2014, 59, 118-128.	1.3	448
152	Supramolecular Architecture of the Coronavirus Particle. , 2014, , 201-210.		0
153	Nidovirus Entry into Cells. , 2014, , 157-178.		6
154	Measurement of CD8 and CD4 T Cell Responses in Mouse Lungs. Bio-protocol, 2014, 4, .	0.2	3
155	Virus Infection and Titration of SARS-CoV in Mouse Lung. Bio-protocol, 2014, 4, .	0.2	2
156	Crystal structure-based exploration of the important role of Arg106 in the RNA-binding domain of human coronavirus OC43 nucleocapsid protein. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1054-1062.	1.1	43
157	Development of transgenic mice expressing a coronavirus-specific public CD4 T cell receptor. Journal of Immunological Methods, 2013, 396, 56-64.	0.6	3
158	Broad reception for coronavirus. Nature, 2013, 495, 176-177.	13.7	27
159	Commentary: Middle East Respiratory Syndrome Coronavirus (MERS-CoV): Announcement of the Coronavirus Study Group. Journal of Virology, 2013, 87, 7790-7792.	1.5	1,012
160	Human Coronavirus EMC Is Not the Same as Severe Acute Respiratory Syndrome Coronavirus. MBio, 2013, 4, .	1.8	20
161	Person-to-Person Spread of the MERS Coronavirus â€" An Evolving Picture. New England Journal of Medicine, 2013, 369, 466-467.	13.9	25
162	Transgenic CCL2 Expression in the Central Nervous System Results in a Dysregulated Immune Response and Enhanced Lethality after Coronavirus Infection. Journal of Virology, 2013, 87, 2376-2389.	1.5	34

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163	The Middle East Respiratory Syndromeâ€"How Worried Should We Be?. MBio, 2013, 4, .	1.8	15
164	Complete Protection against Severe Acute Respiratory Syndrome Coronavirus-Mediated Lethal Respiratory Disease in Aged Mice by Immunization with a Mouse-Adapted Virus Lacking E Protein. Journal of Virology, 2013, 87, 6551-6559.	1.5	108
165	Intranasal Treatment with Poly(IÂ·C) Protects Aged Mice from Lethal Respiratory Virus Infections. Journal of Virology, 2012, 86, 11416-11424.	1.5	113
166	Differential Effects of IL-12 on Tregs and Non-Treg T Cells: Roles of IFN-Î³, IL-2 and IL-2R. PLoS ONE, 2012, 7, e46241.	1.1	82
167	A Transmembrane Serine Protease Is Linked to the Severe Acute Respiratory Syndrome Coronavirus Receptor and Activates Virus Entry. Journal of Virology, 2011, 85, 873-882.	1.5	611
168	Highly Activated Cytotoxic CD8 T Cells Express Protective IL-10 at the Peak of Coronavirus-Induced Encephalitis. Journal of Immunology, 2011, 186, 3642-3652.	0.4	141
169	IFN-Î³â€" and IL-10â€"expressing virus epitope-specific Foxp3+ T reg cells in the central nervous system during encephalomyelitis. Journal of Experimental Medicine, 2011, 208, 1571-1577.	4.2	88
170	Virally Expressed Interleukin-10 Ameliorates Acute Encephalomyelitis and Chronic Demyelination in Coronavirus-Infected Mice. Journal of Virology, 2011, 85, 6822-6831.	1.5	31
171	Severe Acute Respiratory Syndrome Coronavirus Envelope Protein Regulates Cell Stress Response and Apoptosis. PLoS Pathogens, 2011, 7, e1002315.	2.1	173
172	Age-related increases in PGD2 expression impair respiratory DC migration, resulting in diminished T cell responses upon respiratory virus infection in mice. Journal of Clinical Investigation, 2011, 121, 4921-4930.	3.9	228
173	Immunization with an attenuated severe acute respiratory syndrome coronavirus deleted in E protein protects against lethal respiratory disease. Virology, 2010, 399, 120-128.	1.1	127
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