

Barney S Graham

List of Publications by Year in descending order

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422
papers

68,944
citations

1231

110
h-index

1044

234
g-index

467
all docs

467
docs citations

467
times ranked

59035
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and Safety of the mRNA-1273 SARS-CoV-2 Vaccine. <i>New England Journal of Medicine</i> , 2021, 384, 403-416.	13.9	7,910
2	Cryo-EM structure of the 2019-nCoV spike in the prefusion conformation. <i>Science</i> , 2020, 367, 1260-1263.	6.0	7,517
3	An mRNA Vaccine against SARS-CoV-2 – Preliminary Report. <i>New England Journal of Medicine</i> , 2020, 383, 1920-1931.	13.9	2,719
4	Antibody resistance of SARS-CoV-2 variants B.1.351 and B.1.1.7. <i>Nature</i> , 2021, 593, 130-135.	13.7	1,904
5	Safety and Immunogenicity of SARS-CoV-2 mRNA-1273 Vaccine in Older Adults. <i>New England Journal of Medicine</i> , 2020, 383, 2427-2438.	13.9	1,242
6	SARS-CoV-2 mRNA vaccine design enabled by prototype pathogen preparedness. <i>Nature</i> , 2020, 586, 567-571.	13.7	1,153
7	Immunogenicity and structures of a rationally designed prefusion MERS-CoV spike antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7348-E7357.	3.3	944
8	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. <i>New England Journal of Medicine</i> , 2020, 383, 1544-1555.	13.9	936
9	Structure-Based Design of a Fusion Glycoprotein Vaccine for Respiratory Syncytial Virus. <i>Science</i> , 2013, 342, 592-598.	6.0	797
10	Animal models for COVID-19. <i>Nature</i> , 2020, 586, 509-515.	13.7	705
11	Zika virus protection by a single low-dose nucleoside-modified mRNA vaccination. <i>Nature</i> , 2017, 543, 248-251.	13.7	699
12	Protection Against Malaria by Intravenous Immunization with a Nonreplicating Sporozoite Vaccine. <i>Science</i> , 2013, 341, 1359-1365.	6.0	686
13	Durability of Responses after SARS-CoV-2 mRNA-1273 Vaccination. <i>New England Journal of Medicine</i> , 2021, 384, 80-82.	13.9	665
14	Structure of RSV Fusion Glycoprotein Trimer Bound to a Prefusion-Specific Neutralizing Antibody. <i>Science</i> , 2013, 340, 1113-1117.	6.0	656
15	Pre-fusion structure of a human coronavirus spike protein. <i>Nature</i> , 2016, 531, 118-121.	13.7	623
16	Rapid COVID-19 vaccine development. <i>Science</i> , 2020, 368, 945-946.	6.0	623
17	Antibody Persistence through 6 Months after the Second Dose of mRNA-1273 Vaccine for Covid-19. <i>New England Journal of Medicine</i> , 2021, 384, 2259-2261.	13.9	603
18	Major increase in human monkeypox incidence 30 years after smallpox vaccination campaigns cease in the Democratic Republic of Congo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16262-16267.	3.3	580

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19	Hemagglutinin-stem nanoparticles generate heterosubtypic influenza protection. <i>Nature Medicine</i> , 2015, 21, 1065-1070.	15.2	567
20	Broad neutralization of SARS-related viruses by human monoclonal antibodies. <i>Science</i> , 2020, 369, 731-736.	6.0	534
21	Efficacy Trial of a DNA/rAd5 HIV-1 Preventive Vaccine. <i>New England Journal of Medicine</i> , 2013, 369, 2083-2092.	13.9	518
22	Structural Basis for Potent Neutralization of Betacoronaviruses by Single-Domain Camelid Antibodies. <i>Cell</i> , 2020, 181, 1004-1015.e15.	13.5	506
23	Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 1372-1377.	6.0	459
24	Proof of principle for epitope-focused vaccine design. <i>Nature</i> , 2014, 507, 201-206.	13.7	451
25	Immunization with vaccinia virus induces polyfunctional and phenotypically distinctive CD8+ T cell responses. <i>Journal of Experimental Medicine</i> , 2007, 204, 1405-1416.	4.2	428
26	Serum Neutralizing Activity Elicited by mRNA-1273 Vaccine. <i>New England Journal of Medicine</i> , 2021, 384, 1468-1470.	13.9	417
27	The histopathology of fatal untreated human respiratory syncytial virus infection. <i>Modern Pathology</i> , 2007, 20, 108-119.	2.9	414
28	Stabilized coronavirus spikes are resistant to conformational changes induced by receptor recognition or proteolysis. <i>Scientific Reports</i> , 2018, 8, 15701.	1.6	408
29	Efficacy of the mRNA-1273 SARS-CoV-2 Vaccine at Completion of Blinded Phase. <i>New England Journal of Medicine</i> , 2021, 385, 1774-1785.	13.9	402
30	Viral and Host Factors in Human Respiratory Syncytial Virus Pathogenesis. <i>Journal of Virology</i> , 2008, 82, 2040-2055.	1.5	398
31	Effect of HIV Antibody VRC01 on Viral Rebound after Treatment Interruption. <i>New England Journal of Medicine</i> , 2016, 375, 2037-2050.	13.9	391
32	Virologic effects of broadly neutralizing antibody VRC01 administration during chronic HIV-1 infection. <i>Science Translational Medicine</i> , 2015, 7, 319ra206.	5.8	390
33	Protective monotherapy against lethal Ebola virus infection by a potently neutralizing antibody. <i>Science</i> , 2016, 351, 1339-1342.	6.0	370
34	Primary respiratory syncytial virus infection in mice. <i>Journal of Medical Virology</i> , 1988, 26, 153-162.	2.5	357
35	The respiratory syncytial virus vaccine landscape: lessons from the graveyard and promising candidates. <i>Lancet Infectious Diseases</i> , 2018, 18, e295-e311.	4.6	355
36	Rapid development of a DNA vaccine for Zika virus. <i>Science</i> , 2016, 354, 237-240.	6.0	348

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37	The neutralizing antibody, LY-CoV555, protects against SARS-CoV-2 infection in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	347
38	A Universal Influenza Vaccine: The Strategic Plan for the National Institute of Allergy and Infectious Diseases. <i>Journal of Infectious Diseases</i> , 2018, 218, 347-354.	1.9	333
39	Structure of Respiratory Syncytial Virus Fusion Glycoprotein in the Postfusion Conformation Reveals Preservation of Neutralizing Epitopes. <i>Journal of Virology</i> , 2011, 85, 7788-7796.	1.5	327
40	A Recombinant Vesicular Stomatitis Virus Ebola Vaccine. <i>New England Journal of Medicine</i> , 2017, 376, 330-341.	13.9	314
41	Protection against malaria at 1 year and immune correlates following PfSPZ vaccination. <i>Nature Medicine</i> , 2016, 22, 614-623.	15.2	313
42	Prefusion Fâ€™specific antibodies determine the magnitude of RSV neutralizing activity in human sera. <i>Science Translational Medicine</i> , 2015, 7, 309ra162.	5.8	312
43	A Monovalent Chimpanzee Adenovirus Ebola Vaccine Boosted with MVA. <i>New England Journal of Medicine</i> , 2016, 374, 1635-1646.	13.9	295
44	LY-CoV1404 (bebtelovimab) potently neutralizes SARS-CoV-2 variants. <i>Cell Reports</i> , 2022, 39, 110812.	2.9	287
45	Phase 1 Safety and Immunogenicity Evaluation of a Multiclade HIVâ€™1 Candidate Vaccine Delivered by a Replicationâ€™Defective Recombinant Adenovirus Vector. <i>Journal of Infectious Diseases</i> , 2006, 194, 1638-1649.	1.9	283
46	Rational Design of an Epstein-Barr Virus Vaccine Targeting the Receptor-Binding Site. <i>Cell</i> , 2015, 162, 1090-1100.	13.5	278
47	Herpesvirus DNA Is Consistently Detected in Lungs of Patients with Idiopathic Pulmonary Fibrosis. <i>Journal of Clinical Microbiology</i> , 2003, 41, 2633-2640.	1.8	276
48	Vaccine-Induced Antibodies that Neutralize Group 1 and Group 2 Influenza A Viruses. <i>Cell</i> , 2016, 166, 609-623.	13.5	270
49	Evaluation of candidate vaccine approaches for MERS-CoV. <i>Nature Communications</i> , 2015, 6, 7712.	5.8	258
50	Enhanced Potency of a Broadly Neutralizing HIV-1 Antibody <i>In Vitro</i> Improves Protection against Lentiviral Infection <i>In Vivo</i> . <i>Journal of Virology</i> , 2014, 88, 12669-12682.	1.5	248
51	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. <i>Science</i> , 2021, 373, eabj0299.	6.0	244
52	Chimpanzee Adenovirus Vector Ebola Vaccine. <i>New England Journal of Medicine</i> , 2017, 376, 928-938.	13.9	243
53	Safety, tolerability, and immunogenicity of two Zika virus DNA vaccine candidates in healthy adults: randomised, open-label, phase 1 clinical trials. <i>Lancet, The</i> , 2018, 391, 552-562.	6.3	235
54	A SARS DNA vaccine induces neutralizing antibody and cellular immune responses in healthy adults in a Phase I clinical trial. <i>Vaccine</i> , 2008, 26, 6338-6343.	1.7	230

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55	InÂvitro and inÂvivo functions of SARS-CoV-2 infection-enhancing and neutralizing antibodies. <i>Cell</i> , 2021, 184, 4203-4219.e32.	13.5	228
56	A DNA Vaccine for Ebola Virus Is Safe and Immunogenic in a Phase I Clinical Trial. <i>Vaccine Journal</i> , 2006, 13, 1267-1277.	3.2	221
57	Flow Cytometry Reveals that H5N1 Vaccination Elicits Cross-Reactive Stem-Directed Antibodies from Multiple Ig Heavy-Chain Lineages. <i>Journal of Virology</i> , 2014, 88, 4047-4057.	1.5	220
58	High-Throughput Mapping of B Cell Receptor Sequences to Antigen Specificity. <i>Cell</i> , 2019, 179, 1636-1646.e15.	13.5	219
59	Mosaic nanoparticle display of diverse influenza virus hemagglutinins elicits broad B cell responses. <i>Nature Immunology</i> , 2019, 20, 362-372.	7.0	211
60	Mechanism of Neutralization by the Broadly Neutralizing HIV-1 Monoclonal Antibody VRC01. <i>Journal of Virology</i> , 2011, 85, 8954-8967.	1.5	209
61	A proof of concept for structure-based vaccine design targeting RSV in humans. <i>Science</i> , 2019, 365, 505-509.	6.0	207
62	Safety and tolerability of chikungunya virus-like particle vaccine in healthy adults: a phase 1 dose-escalation trial. <i>Lancet, The</i> , 2014, 384, 2046-2052.	6.3	206
63	Correlates of protective immunity for Ebola vaccines: implications for regulatory approval by the animal rule. <i>Nature Reviews Microbiology</i> , 2009, 7, 393-400.	13.6	203
64	Attenuated PfSPZ Vaccine induces strain-transcending T cells and durable protection against heterologous controlled human malaria infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2711-2716.	3.3	201
65	Phase 1 Safety and Immunogenicity Evaluation of a Multiclade HIV-1 DNA Candidate Vaccine. <i>Journal of Infectious Diseases</i> , 2006, 194, 1650-1660.	1.9	200
66	Biological challenges and technological opportunities for respiratory syncytial virus vaccine development. <i>Immunological Reviews</i> , 2011, 239, 149-166.	2.8	196
67	Respiratory Syncytial Virus: Virology, Reverse Genetics, and Pathogenesis of Disease. <i>Current Topics in Microbiology and Immunology</i> , 2013, 372, 3-38.	0.7	193
68	Next-generation influenza vaccines: opportunities and challenges. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 239-252.	21.5	192
69	Diversion of HIV-1 vaccine-induced immunity by gp41-microbiota cross-reactive antibodies. <i>Science</i> , 2015, 349, aab1253.	6.0	191
70	Broadly Neutralizing Activity of Zika Virus-Immune Sera Identifies a Single Viral Serotype. <i>Cell Reports</i> , 2016, 16, 1485-1491.	2.9	190
71	Use of ChAd3-EBO-Z Ebola virus vaccine in Malian and US adults, and boosting of Malian adults with MVA-BN-Filo: a phase 1, single-blind, randomised trial, a phase 1b, open-label and double-blind, dose-escalation trial, and a nested, randomised, double-blind, placebo-controlled trial. <i>Lancet Infectious Diseases, The</i> , 2016, 16, 31-42.	4.6	187
72	Rapid profiling of RSV antibody repertoires from the memory B cells of naturally infected adult donors. <i>Science Immunology</i> , 2016, 1, .	5.6	180

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73	Quadrivalent influenza nanoparticle vaccines induce broad protection. <i>Nature</i> , 2021, 592, 623-628.	13.7	180
74	Priming with Secreted Glycoprotein G of Respiratory Syncytial Virus (RSV) Augments Interleukin-5 Production and Tissue Eosinophilia after RSV Challenge. <i>Journal of Virology</i> , 1998, 72, 2871-2880.	1.5	177
75	Structural and molecular basis for Ebola virus neutralization by protective human antibodies. <i>Science</i> , 2016, 351, 1343-1346.	6.0	176
76	A West Nile Virus DNA Vaccine Induces Neutralizing Antibody in Healthy Adults during a Phase 1 Clinical Trial. <i>Journal of Infectious Diseases</i> , 2007, 196, 1732-1740.	1.9	175
77	DNA priming and influenza vaccine immunogenicity: two phase 1 open label randomised clinical trials. <i>Lancet Infectious Diseases</i> , The, 2011, 11, 916-924.	4.6	174
78	Safety and pharmacokinetics of the Fc-modified HIV-1 human monoclonal antibody VRC01LS: A Phase 1 open-label clinical trial in healthy adults. <i>PLoS Medicine</i> , 2018, 15, e1002493.	3.9	174
79	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. <i>Science</i> , 2021, 373, .	6.0	174
80	Opportunistic Infections in Endogenous Cushing's Syndrome. <i>Annals of Internal Medicine</i> , 1984, 101, 334.	2.0	172
81	The Role of IFN in Respiratory Syncytial Virus Pathogenesis. <i>Journal of Immunology</i> , 2002, 168, 2944-2952.	0.4	170
82	SARS-CoV-2 Viral Variantsâ€™ Tackling a Moving Target. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1261.	3.8	165
83	Accelerated COVID-19 vaccine development: milestones, lessons, and prospects. <i>Immunity</i> , 2021, 54, 1636-1651.	6.6	165
84	Early short-term treatment with neutralizing human monoclonal antibodies halts SHIV infection in infant macaques. <i>Nature Medicine</i> , 2016, 22, 362-368.	15.2	163
85	Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection. <i>Journal of Virology</i> , 2020, 94, .	1.5	162
86	Structure-Based Vaccine Antigen Design. <i>Annual Review of Medicine</i> , 2019, 70, 91-104.	5.0	160
87	Maturation of West Nile Virus Modulates Sensitivity to Antibody-Mediated Neutralization. <i>PLoS Pathogens</i> , 2008, 4, e1000060.	2.1	158
88	Fc Glycan-Mediated Regulation of Placental Antibody Transfer. <i>Cell</i> , 2019, 178, 202-215.e14.	13.5	157
89	Structural basis of respiratory syncytial virus neutralization by motavizumab. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 248-250.	3.6	156
90	NK T Cells Contribute to Expansion of CD8 + T Cells and Amplification of Antiviral Immune Responses to Respiratory Syncytial Virus. <i>Journal of Virology</i> , 2002, 76, 4294-4303.	1.5	155

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91	Importance of Neutralizing Monoclonal Antibodies Targeting Multiple Antigenic Sites on the Middle East Respiratory Syndrome Coronavirus Spike Glycoprotein To Avoid Neutralization Escape. <i>Journal of Virology</i> , 2018, 92, .	1.5	155
92	Prior Dengue Virus Exposure Shapes T Cell Immunity to Zika Virus in Humans. <i>Journal of Virology</i> , 2017, 91, .	1.5	148
93	Chimpanzee Adenovirus Vector Ebola Vaccine " Preliminary Report. <i>New England Journal of Medicine</i> , 2015, 373, 775-776.	13.9	147
94	Secreted Respiratory Syncytial Virus G Glycoprotein Induces Interleukin-5 (IL-5), IL-13, and Eosinophilia by an IL-4-Independent Mechanism. <i>Journal of Virology</i> , 1999, 73, 8485-8495.	1.5	143
95	Cross-Neutralizing and Protective Human Antibody Specificities to Poxvirus Infections. <i>Cell</i> , 2016, 167, 684-694.e9.	13.5	141
96	Transgenic Overexpression of Interleukin (IL)-10 in the Lung Causes Mucus Metaplasia, Tissue Inflammation, and Airway Remodeling via IL-13-dependent and -independent Pathways. <i>Journal of Biological Chemistry</i> , 2002, 277, 35466-35474.	1.6	139
97	Subunit Recombinant Vaccine Protects against Monkeypox. <i>Journal of Immunology</i> , 2006, 177, 2552-2564.	0.4	139
98	A West Nile Virus DNA Vaccine Utilizing a Modified Promoter Induces Neutralizing Antibody in Younger and Older Healthy Adults in a Phase I Clinical Trial. <i>Journal of Infectious Diseases</i> , 2011, 203, 1396-1404.	1.9	138
99	Phase I clinical evaluation of a six-plasmid multiclade HIV-1 DNA candidate vaccine. <i>Vaccine</i> , 2007, 25, 4085-4092.	1.7	134
100	Safety and immunogenicity of a chimpanzee adenovirus-vectored Ebola vaccine in healthy adults: a randomised, double-blind, placebo-controlled, dose-finding, phase 1/2a study. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 311-320.	4.6	133
101	Vaccine development for respiratory syncytial virus. <i>Current Opinion in Virology</i> , 2017, 23, 107-112.	2.6	133
102	Serologic Cross-Reactivity of SARS-CoV-2 with Endemic and Seasonal Betacoronaviruses. <i>Journal of Clinical Immunology</i> , 2021, 41, 906-913.	2.0	133
103	Herpes Simplex Virus Infection of the Adult Lower Respiratory Tract. <i>Medicine (United States)</i> , 1983, 62, 384-394.	0.4	132
104	A Phase IIA Randomized Clinical Trial of a Multiclade HIV-1 DNA Prime Followed by a Multiclade rAd5 HIV-1 Vaccine Boost in Healthy Adults (HVTN204). <i>PLoS ONE</i> , 2011, 6, e21225.	1.1	131
105	QS-21 promotes an adjuvant effect allowing for reduced antigen dose during HIV-1 envelope subunit immunization in humans. <i>Vaccine</i> , 2001, 19, 2080-2091.	1.7	128
106	Infants Infected with Respiratory Syncytial Virus Generate Potent Neutralizing Antibodies that Lack Somatic Hypermutation. <i>Immunity</i> , 2018, 48, 339-349.e5.	6.6	126
107	Illness Severity, Viral Shedding, and Antibody Responses in Infants Hospitalized with Bronchiolitis Caused by Respiratory Syncytial Virus. <i>Journal of Infectious Diseases</i> , 2002, 185, 1011-1018.	1.9	125
108	Priming Immunization with DNA Augments Immunogenicity of Recombinant Adenoviral Vectors for Both HIV-1 Specific Antibody and T-Cell Responses. <i>PLoS ONE</i> , 2010, 5, e9015.	1.1	125

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109	A single-dose live-attenuated vaccine prevents Zika virus pregnancy transmission and testis damage. <i>Nature Communications</i> , 2017, 8, 676.	5.8	125
110	Tailored design of protein nanoparticle scaffolds for multivalent presentation of viral glycoprotein antigens. <i>ELife</i> , 2020, 9, .	2.8	123
111	Regulatory T Cells Promote Early Influx of CD8 ⁺ T Cells in the Lungs of Respiratory Syncytial Virus-Infected Mice and Diminish Immunodominance Disparities. <i>Journal of Virology</i> , 2009, 83, 3019-3028.	1.5	120
112	Intravaginal immunization with HPV vectors induces tissue-resident CD8 ⁺ T cell responses. <i>Journal of Clinical Investigation</i> , 2012, 122, 4606-4620.	3.9	120
113	Structural basis for potent antibody neutralization of SARS-CoV-2 variants including B.1.1.529. <i>Science</i> , 2022, 376, eabn8897.	6.0	119
114	Prime-Boost Interval Matters: A Randomized Phase 1 Study to Identify the Minimum Interval Necessary to Observe the H5 DNA Influenza Vaccine Priming Effect. <i>Journal of Infectious Diseases</i> , 2013, 208, 418-422.	1.9	117
115	Antiviral Activity of Lovastatin against Respiratory Syncytial Virus In Vivo and In Vitro. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1231-1237.	1.4	114
116	History of passive antibody administration for prevention and treatment of infectious diseases. <i>Current Opinion in HIV and AIDS</i> , 2015, 10, 129-134.	1.5	114
117	Immune-mediated disease pathogenesis in respiratory syncytial virus infection. <i>Immunopharmacology</i> , 2000, 48, 237-247.	2.0	113
118	Selective Cyclooxygenase-1 and -2 Inhibitors Each Increase Allergic Inflammation and Airway Hyperresponsiveness in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 165, 1154-1160.	2.5	113
119	Zika Virus: Immunity and Vaccine Development. <i>Cell</i> , 2016, 167, 625-631.	13.5	113
120	Respiratory Syncytial Virus in Allergic Lung Inflammation Increases Muc5ac and Gob-5. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 306-312.	2.5	111
121	Mutations in the Spike Protein of Middle East Respiratory Syndrome Coronavirus Transmitted in Korea Increase Resistance to Antibody-Mediated Neutralization. <i>Journal of Virology</i> , 2019, 93, .	1.5	111
122	Phenotypic and Functional Profile of HIV-Inhibitory CD8 T Cells Elicited by Natural Infection and Heterologous Prime/Boost Vaccination. <i>Journal of Virology</i> , 2010, 84, 4998-5006.	1.5	110
123	Iterative structure-based improvement of a fusion-glycoprotein vaccine against RSV. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 811-820.	3.6	110
124	Emerging viral diseases from a vaccinology perspective: preparing for the next pandemic. <i>Nature Immunology</i> , 2018, 19, 20-28.	7.0	110
125	Safety and immunogenicity of Ebola virus and Marburg virus glycoprotein DNA vaccines assessed separately and concomitantly in healthy Ugandan adults: a phase 1b, randomised, double-blind, placebo-controlled clinical trial. <i>Lancet, The</i> , 2015, 385, 1545-1554.	6.3	109
126	Functional interrogation and mining of natively paired human VH:VL antibody repertoires. <i>Nature Biotechnology</i> , 2018, 36, 152-155.	9.4	109

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127	Rhodococcus equi "An Increasingly Recognized Opportunistic Pathogen: Report of 12 Cases and Review of 65 Cases in the Literature". American Journal of Clinical Pathology, 1995, 103, 649-655.	0.4	108
128	Respiratory syncytial virus infection prolongs methacholine-induced airway hyperresponsiveness in ovalbumin-sensitized mice. , 1999, 57, 186-192.		108
129	Respiratory syncytial virus infection in the absence of STAT1 results in airway dysfunction, airway mucus, and augmented IL-17 levels. Journal of Allergy and Clinical Immunology, 2005, 116, 550-557.	1.5	108
130	Safety and Immunogenicity of DNA Vaccines Encoding Ebolavirus and Marburgvirus Wild-Type Glycoproteins in a Phase I Clinical Trial. Journal of Infectious Diseases, 2015, 211, 549-557.	1.9	108
131	Activation Dynamics and Immunoglobulin Evolution of Pre-existing and Newly Generated Human Memory B cell Responses to Influenza Hemagglutinin. Immunity, 2019, 51, 398-410.e5.	6.6	107
132	Candidate AIDS Vaccines. New England Journal of Medicine, 1995, 333, 1331-1339.	13.9	106
133	Smallpox vaccines: Past, present, and future. Journal of Allergy and Clinical Immunology, 2006, 118, 1320-1326.	1.5	106
134	Characterization of a Prefusion-Specific Antibody That Recognizes a Quaternary, Cleavage-Dependent Epitope on the RSV Fusion Glycoprotein. PLoS Pathogens, 2015, 11, e1005035.	2.1	106
135	Pre-fusion F is absent on the surface of formalin-inactivated respiratory syncytial virus. Scientific Reports, 2016, 6, 34108.	1.6	106
136	Structure of a Major Antigenic Site on the Respiratory Syncytial Virus Fusion Glycoprotein in Complex with Neutralizing Antibody 101F. Journal of Virology, 2010, 84, 12236-12244.	1.5	105
137	RhoA Signaling Is Required for Respiratory Syncytial Virus-Induced Syncytium Formation and Filamentous Virion Morphology. Journal of Virology, 2005, 79, 5326-5336.	1.5	104
138	Safety, pharmacokinetics, and immunological activities of multiple intravenous or subcutaneous doses of an anti-HIV monoclonal antibody, VRC01, administered to HIV-uninfected adults: Results of a phase 1 randomized trial. PLoS Medicine, 2017, 14, e1002435.	3.9	104
139	Prolonged Production of TNF- α Exacerbates Illness during Respiratory Syncytial Virus Infection. Journal of Immunology, 2004, 173, 3408-3417.	0.4	103
140	Novel antigens for RSV vaccines. Current Opinion in Immunology, 2015, 35, 30-38.	2.4	102
141	Consensus summary report for CEPI/BC March 12-13, 2020 meeting: Assessment of risk of disease enhancement with COVID-19 vaccines. Vaccine, 2020, 38, 4783-4791.	1.7	102
142	Phase 2 Study of an HIV-1 Canarypox Vaccine (vCP1452) Alone and in Combination With rgp120. Journal of Acquired Immune Deficiency Syndromes (1999), 2007, 44, 203-212.	0.9	101
143	A Phase 1/2 Study of a Multiclade HIV-1 DNA Plasmid Prime and Recombinant Adenovirus Serotype 5 Boost Vaccine in HIV-uninfected East Africans (RV 172). Journal of Infectious Diseases, 2010, 201, 600-607.	1.9	100
144	Design and Characterization of Epitope-Scaffold Immunogens That Present the Motavizumab Epitope from Respiratory Syncytial Virus. Journal of Molecular Biology, 2011, 409, 853-866.	2.0	100

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145	Structural Analysis of Respiratory Syncytial Virus Reveals the Position of M2-1 between the Matrix Protein and the Ribonucleoprotein Complex. <i>Journal of Virology</i> , 2014, 88, 7602-7617.	1.5	100
146	Immunological Lessons from Respiratory Syncytial Virus Vaccine Development. <i>Immunity</i> , 2019, 51, 429-442.	6.6	99
147	Safety, tolerability, pharmacokinetics, and immunogenicity of the therapeutic monoclonal antibody mAb114 targeting Ebola virus glycoprotein (VRC 608): an open-label phase 1 study. <i>Lancet</i> , The, 2019, 393, 889-898.	6.3	99
148	Antibody Fc effector functions and IgG3 associate with decreased HIV-1 risk. <i>Journal of Clinical Investigation</i> , 2019, 129, 4838-4849.	3.9	95
149	Clinical Trials of HIV Vaccines. <i>Annual Review of Medicine</i> , 2002, 53, 207-221.	5.0	94
150	A broadly cross-reactive antibody neutralizes and protects against sarbecovirus challenge in mice. <i>Science Translational Medicine</i> , 2022, 14, eabj7125.	5.8	93
151	Pathogenesis of Respiratory Syncytial Virus Vaccine-augmented Pathology. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995, 152, S63-S66.	2.5	92
152	A platform incorporating trimeric antigens into self-assembling nanoparticles reveals SARS-CoV-2-spike nanoparticles to elicit substantially higher neutralizing responses than spike alone. <i>Scientific Reports</i> , 2020, 10, 18149.	1.6	90
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