

# Barney S Graham

## List of Publications by Year in descending order

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422  
papers

68,944  
citations

1238

110  
h-index

1051

234  
g-index

467  
all docs

467  
docs citations

467  
times ranked

59035  
citing authors

#	ARTICLE	IF	CITATIONS
1	<a href="#">A broadly cross-reactive antibody neutralizes and protects against sarbecovirus challenge in mice. Science Translational Medicine, 2022, 14, eabj7125.</a>	12.4	93
2	<a href="#">Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung. Cell, 2022, 185, 113-130.e15.</a>	28.9	64
3	<a href="#">Safety and immunogenicity of a ferritin nanoparticle H2 influenza vaccine in healthy adults: a phase 1 trial. Nature Medicine, 2022, 28, 383-391.</a>	30.7	65
4	<a href="#">A single residue in influenza virus H2 hemagglutinin enhances the breadth of the B cell response elicited by H2 vaccination. Nature Medicine, 2022, 28, 373-382.</a>	30.7	16
5	<a href="#">Structural basis for potent antibody neutralization of SARS-CoV-2 variants including B.1.1.529. Science, 2022, 376, eabn8897.</a>	12.6	119
6	<a href="#">Structure-based design of stabilized recombinant influenza neuraminidase tetramers. Nature Communications, 2022, 13, 1825.</a>	12.8	21
7	<a href="#">Functional reconstitution of the MERS CoV receptor binding motif. Molecular Immunology, 2022, 145, 3-16.</a>	2.2	2
8	<a href="#">Safety and tolerability of AAV8 delivery of a broadly neutralizing antibody in adults living with HIV: a phase 1, dose-escalation trial. Nature Medicine, 2022, 28, 1022-1030.</a>	30.7	34
9	<a href="#">Recurrent respiratory syncytial virus infection in a CD14 deficient patient. Journal of Infectious Diseases, 2022, , .</a>	4.0	5
10	<a href="#">LY-CoV1404 (bebtelovimab) potently neutralizes SARS-CoV-2 variants. Cell Reports, 2022, 39, 110812.</a>	6.4	287
11	<a href="#">Safety and immunogenicity of an HIV-1 prefusion-stabilized envelope trimer (Trimer 4571) vaccine in healthy adults: A first-in-human open-label, randomized, dose-escalation, phase 1 clinical trial. EClinicalMedicine, 2022, 48, 101477.</a>	7.1	13
12	<a href="#">Elicitation of pneumovirus-specific B cell responses by a prefusion-stabilized respiratory syncytial virus F subunit vaccine. Science Translational Medicine, 2022, 14, .</a>	12.4	7
13	<a href="#">Divergent age-related humoral correlates of protection against respiratory syncytial virus infection in older and young adults: a pilot, controlled, human infection challenge model. The Lancet Healthy Longevity, 2022, 3, e405-e416.</a>	4.6	9
14	<a href="#">Next-Generation Influenza Vaccines. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a038448.</a>	6.2	23
15	<a href="#">T cell immunity to SARS-CoV-2 following natural infection and vaccination. Biochemical and Biophysical Research Communications, 2021, 538, 211-217.</a>	2.1	88
16	<a href="#">Durability of Responses after SARS-CoV-2 mRNA-1273 Vaccination. New England Journal of Medicine, 2021, 384, 80-82.</a>	27.0	665
17	<a href="#">Model Informed Development of VRC01 in Newborn Infants Using a Population Pharmacokinetics Approach. Clinical Pharmacology and Therapeutics, 2021, 109, 184-192.</a>	4.7	6
18	<a href="#">Newcastle Disease Virus-Like Particles Displaying Prefusion-Stabilized SARS-CoV-2 Spikes Elicit Potent Neutralizing Responses. Vaccines, 2021, 9, 73.</a>	4.4	24

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19	Efficacy and Safety of the mRNA-1273 SARS-CoV-2 Vaccine. <i>New England Journal of Medicine</i> , 2021, 384, 403-416.	27.0	7,910
20	Functional Profiling of Antibody Immune Repertoires in Convalescent Zika Virus Disease Patients. <i>Frontiers in Immunology</i> , 2021, 12, 615102.	4.8	15
21	Serologic Cross-Reactivity of SARS-CoV-2 with Endemic and Seasonal Betacoronaviruses. <i>Journal of Clinical Immunology</i> , 2021, 41, 906-913.	3.8	133
22	Broad neutralization of H1 and H3 viruses by adjuvanted influenza HA stem vaccines in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	49
23	A comprehensive influenza reporter virus panel for high-throughput deep profiling of neutralizing antibodies. <i>Nature Communications</i> , 2021, 12, 1722.	12.8	41
24	Quadrivalent influenza nanoparticle vaccines induce broad protection. <i>Nature</i> , 2021, 592, 623-628.	27.8	180
25	Antibody resistance of SARS-CoV-2 variants B.1.351 and B.1.1.7. <i>Nature</i> , 2021, 593, 130-135.	27.8	1,904
26	The neutralizing antibody, LY-CoV555, protects against SARS-CoV-2 infection in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	347
27	Vaccination with prefusion-stabilized respiratory syncytial virus fusion protein induces genetically and antigenically diverse antibody responses. <i>Immunity</i> , 2021, 54, 769-780.e6.	14.3	37
28	Serum Neutralizing Activity Elicited by mRNA-1273 Vaccine. <i>New England Journal of Medicine</i> , 2021, 384, 1468-1470.	27.0	417
29	SARS-CoV-2 Viral Variants“Tackling a Moving Target. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1261.	7.4	165
30	Safety, Tolerability, and Pharmacokinetics of a Long-Acting Broadly Neutralizing Human Immunodeficiency Virus Type 1 (HIV-1) Monoclonal Antibody VRC01LS in HIV-1“Exposed Newborn Infants. <i>Journal of Infectious Diseases</i> , 2021, 224, 1916-1924.	4.0	27
31	Vaccine-associated enhanced disease: Case definition and guidelines for data collection, analysis, and presentation of immunization safety data. <i>Vaccine</i> , 2021, 39, 3053-3066.	3.8	66
32	Limited Flavivirus Cross-Reactive Antibody Responses Elicited by a Zika Virus Deoxyribonucleic Acid Vaccine Candidate in Humans. <i>Journal of Infectious Diseases</i> , 2021, 224, 1550-1555.	4.0	5
33	Sequence-Signature Optimization Enables Improved Identification of Human HV6-1-Derived Class Antibodies That Neutralize Diverse Influenza A Viruses. <i>Frontiers in Immunology</i> , 2021, 12, 662909.	4.8	0
34	Cross-reactive coronavirus antibodies with diverse epitope specificities and Fc effector functions. <i>Cell Reports Medicine</i> , 2021, 2, 100313.	6.5	56
35	SARS-CoV-2 Vaccines: Much Accomplished, Much to Learn. <i>Annals of Internal Medicine</i> , 2021, 174, 687-690.	3.9	64
36	Proposal for Human Respiratory Syncytial Virus Nomenclature below the Species Level. <i>Emerging Infectious Diseases</i> , 2021, 27, 1-9.	4.3	20

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37	Antibody Persistence through 6 Months after the Second Dose of mRNA-1273 Vaccine for Covid-19. New England Journal of Medicine, 2021, 384, 2259-2261.	27.0	603
38	SARS-CoV-2 vaccines elicit durable immune responses in infant rhesus macaques. Science Immunology, 2021, 6, .	11.9	34
39	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. Science, 2021, 373, .	12.6	174
40	Protective antibodies elicited by SARS-CoV-2 spike protein vaccination are boosted in the lung after challenge in nonhuman primates. Science Translational Medicine, 2021, 13, .	12.4	56
41	InÂvitro and inÂvivo functions of SARS-CoV-2 infection-enhancing and neutralizing antibodies. Cell, 2021, 184, 4203-4219.e32.	28.9	228
42	Level of maternal respiratory syncytial virus (RSV) F antibodies in hospitalized children and correlates of protection. International Journal of Infectious Diseases, 2021, 109, 56-62.	3.3	7
43	Attenuated activation of pulmonary immune cells in mRNA-1273â€“vaccinated hamsters after SARS-CoV-2 infection. Journal of Clinical Investigation, 2021, 131, .	8.2	23
44	COVID-19 vaccine mRNA-1273 elicits a protective immune profile in mice that is not associated with vaccine-enhanced disease upon SARS-CoV-2 challenge. Immunity, 2021, 54, 1869-1882.e6.	14.3	59
45	Accelerated COVID-19 vaccine development: milestones, lessons, and prospects. Immunity, 2021, 54, 1636-1651.	14.3	165
46	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. Nature Immunology, 2021, 22, 1306-1315.	14.5	57
47	Durability of mRNA-1273 vaccineâ€“induced antibodies against SARS-CoV-2 variants. Science, 2021, 373, 1372-1377.	12.6	459
48	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. Science, 2021, 373, eabj0299.	12.6	244
49	Efficacy of the mRNA-1273 SARS-CoV-2 Vaccine at Completion of Blinded Phase. New England Journal of Medicine, 2021, 385, 1774-1785.	27.0	402
50	Safety, tolerability, and immunogenicity of the respiratory syncytial virus prefusion F subunit vaccine DS-Cav1: a phase 1, randomised, open-label, dose-escalation clinical trial. Lancet Respiratory Medicine, 2021, 9, 1111-1120.	10.7	38
51	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccineâ€“boosted nonhuman primates. Science, 2021, 374, 1343-1353.	12.6	83
52	Stabilized coronavirus spike stem elicits a broadly protective antibody. Cell Reports, 2021, 37, 109929.	6.4	64
53	Variant SARS-CoV-2 mRNA vaccines confer broad neutralization as primary or booster series in mice. Vaccine, 2021, 39, 7394-7400.	3.8	63
54	Chimeric Fusion (F) and Attachment (G) Glycoprotein Antigen Delivery by mRNA as a Candidate Nipah Vaccine. Frontiers in Immunology, 2021, 12, 772864.	4.8	21

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55	Safety, Tolerability, and Pharmacokinetics of the Broadly Neutralizing Human Immunodeficiency Virus (HIV)-1 Monoclonal Antibody VRC01 in HIV-Exposed Newborn Infants. <i>Journal of Infectious Diseases</i> , 2020, 222, 628-636.	4.0	38
56	Vaccination Against Respiratory Syncytial Virus. , 2020, , 665-676.		0
57	Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection. <i>Journal of Virology</i> , 2020, 94, .	3.4	162
58	Safety and Immunogenicity of SARS-CoV-2 mRNA-1273 Vaccine in Older Adults. <i>New England Journal of Medicine</i> , 2020, 383, 2427-2438.	27.0	1,242
59	SARS-CoV-2 mRNA vaccine design enabled by prototype pathogen preparedness. <i>Nature</i> , 2020, 586, 567-571.	27.8	1,153
60	Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. <i>Cell Reports</i> , 2020, 33, 108322.	6.4	59
61	Animal models for COVID-19. <i>Nature</i> , 2020, 586, 509-515.	27.8	705
62	An mRNA Vaccine against SARS-CoV-2 â€” Preliminary Report. <i>New England Journal of Medicine</i> , 2020, 383, 1920-1931.	27.0	2,719
63	Development of a potent Zika virus vaccine using self-amplifying messenger RNA. <i>Science Advances</i> , 2020, 6, eaba5068.	10.3	50
64	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. <i>New England Journal of Medicine</i> , 2020, 383, 1544-1555.	27.0	936
65	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.	3.3	90
66	An R848-Conjugated Influenza Virus Vaccine Elicits Robust Immunoglobulin G to Hemagglutinin Stem in a Newborn Nonhuman Primate Model. <i>Journal of Infectious Diseases</i> , 2020, 224, 351-359.	4.0	14
67	Structural Basis for Potent Neutralization of Betacoronaviruses by Single-Domain Camelid Antibodies. <i>Cell</i> , 2020, 181, 1004-1015.e15.	28.9	506
68	Rapid COVID-19 vaccine development. <i>Science</i> , 2020, 368, 945-946.	12.6	623
69	Characterization of a human monoclonal antibody generated from a B-cell specific for a prefusion-stabilized spike protein of Middle East respiratory syndrome coronavirus. <i>PLoS ONE</i> , 2020, 15, e0232757.	2.5	11
70	Structure-Based Design of Nipah Virus Vaccines: A Generalizable Approach to Paramyxovirus Immunogen Development. <i>Frontiers in Immunology</i> , 2020, 11, 842.	4.8	36
71	Broad neutralization of SARS-related viruses by human monoclonal antibodies. <i>Science</i> , 2020, 369, 731-736.	12.6	534
72	Distinct neutralizing antibody correlates of protection among related Zika virus vaccines identify a role for antibody quality. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	30

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73	Glycan repositioning of influenza hemagglutinin stem facilitates the elicitation of protective cross-group antibody responses. <i>Nature Communications</i> , 2020, 11, 791.	12.8	36
74	Cryo-EM structure of the 2019-nCoV spike in the prefusion conformation. <i>Science</i> , 2020, 367, 1260-1263.	12.6	7,517
75	Human parainfluenza virus type 3 expressing the respiratory syncytial virus pre-fusion F protein modified for virion packaging yields protective intranasal vaccine candidates. <i>PLoS ONE</i> , 2020, 15, e0228572.	2.5	13
76	Next-generation influenza vaccines: opportunities and challenges. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 239-252.	46.4	192
77	Effect of a Chikungunya Virus “Like Particle Vaccine on Safety and Tolerability Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1369.	7.4	68
78	Consensus summary report for CEPI/BC March 12-13, 2020 meeting: Assessment of risk of disease enhancement with COVID-19 vaccines. <i>Vaccine</i> , 2020, 38, 4783-4791.	3.8	102
79	Influenza-infected newborn and adult monkeys exhibit a strong primary antibody response to hemagglutinin stem. <i>JCI Insight</i> , 2020, 5, .	5.0	13
80	Prototype pathogen approach for pandemic preparedness: world on fire. <i>Journal of Clinical Investigation</i> , 2020, 130, 3348-3349.	8.2	33
81	Tailored design of protein nanoparticle scaffolds for multivalent presentation of viral glycoprotein antigens. <i>ELife</i> , 2020, 9, .	6.0	123
82	Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. <i>SSRN Electronic Journal</i> , 2020, , 3639618.	0.4	3
83	Breast Milk Prefusion F Immunoglobulin G as a Correlate of Protection Against Respiratory Syncytial Virus Acute Respiratory Illness. <i>Journal of Infectious Diseases</i> , 2019, 219, 59-67.	4.0	42
84	A proof of concept for structure-based vaccine design targeting RSV in humans. <i>Science</i> , 2019, 365, 505-509.	12.6	207
85	Activation Dynamics and Immunoglobulin Evolution of Pre-existing and Newly Generated Human Memory B cell Responses to Influenza Hemagglutinin. <i>Immunity</i> , 2019, 51, 398-410.e5.	14.3	107
86	Protective Efficacy of Nucleic Acid Vaccines Against Transmission of Zika Virus During Pregnancy in Mice. <i>Journal of Infectious Diseases</i> , 2019, 220, 1577-1588.	4.0	39
87	Immunological Lessons from Respiratory Syncytial Virus Vaccine Development. <i>Immunity</i> , 2019, 51, 429-442.	14.3	99
88	Safety and pharmacokinetics of broadly neutralising human monoclonal antibody VRC07-523LS in healthy adults: a phase 1 dose-escalation clinical trial. <i>Lancet HIV</i> , 2019, 6, e667-e679.	4.7	67
89	Safety and immunogenicity of investigational seasonal influenza hemagglutinin DNA vaccine followed by trivalent inactivated vaccine administered intradermally or intramuscularly in healthy adults: An open-label randomized phase 1 clinical trial. <i>PLoS ONE</i> , 2019, 14, e0222178.	2.5	18
90	Comparison of adjuvants to optimize influenza neutralizing antibody responses. <i>Vaccine</i> , 2019, 37, 6208-6220.	3.8	16

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91	Structural Definition of a Neutralization-Sensitive Epitope on the MERS-CoV S1-NTD. <i>Cell Reports</i> , 2019, 28, 3395-3405.e6.	6.4	63
92	Germline-Encoded Affinity for Cognate Antigen Enables Vaccine Amplification of a Human Broadly Neutralizing Response against Influenza Virus. <i>Immunity</i> , 2019, 51, 735-749.e8.	14.3	71
93	Structure-Based Vaccine Antigen Design. <i>Annual Review of Medicine</i> , 2019, 70, 91-104.	12.2	160
94	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.	13.7	99
95	Preparing for the Next Influenza Pandemic: The Development of a Universal Influenza Vaccine. <i>Journal of Infectious Diseases</i> , 2019, 219, S107-S109.	4.0	12
96	A unique combination adjuvant modulates immune responses preventing vaccine-enhanced pulmonary histopathology after a single dose vaccination with fusion protein and challenge with respiratory syncytial virus. <i>Virology</i> , 2019, 534, 1-13.	2.4	9
97	Fc Glycan-Mediated Regulation of Placental Antibody Transfer. <i>Cell</i> , 2019, 178, 202-215.e14.	28.9	157
98	Safety and efficacy of VRC01 broadly neutralising antibodies in adults with acutely treated HIV (RV397): a phase 2, randomised, double-blind, placebo-controlled trial. <i>Lancet HIV</i> , the, 2019, 6, e297-e306.	4.7	73
99	Immunological goals for respiratory syncytial virus vaccine development. <i>Current Opinion in Immunology</i> , 2019, 59, 57-64.	5.5	28
100	Development and Standardization of a High-Throughput Multiplex Immunoassay for the Simultaneous Quantification of Specific Antibodies to Five Respiratory Syncytial Virus Proteins. <i>MSphere</i> , 2019, 4, .	2.9	18
101	Efficacy of an Adjuvanted Middle East Respiratory Syndrome Coronavirus Spike Protein Vaccine in Dromedary Camels and Alpacas. <i>Viruses</i> , 2019, 11, 212.	3.3	75
102	Design of Nanoparticulate Group 2 Influenza Virus Hemagglutinin Stem Antigens That Activate Unmutated Ancestor B Cell Receptors of Broadly Neutralizing Antibody Lineages. <i>MBio</i> , 2019, 10, .	4.1	88
103	Comparative Serological Study for the Prevalence of Anti-MERS Coronavirus Antibodies in High- and Low-Risk Groups in Qatar. <i>Journal of Immunology Research</i> , 2019, 2019, 1-8.	2.2	37
104	Epitope-Specific Serological Assays for RSV: Conformation Matters. <i>Vaccines</i> , 2019, 7, 23.	4.4	26
105	A unique nanoparticulate TLR9 agonist enables a HA split vaccine to confer FcγR-mediated protection against heterologous lethal influenza virus infection. <i>International Immunology</i> , 2019, 31, 81-90.	4.0	12
106	Boosting subdominant neutralizing antibody responses with a computationally designed epitope-focused immunogen. <i>PLoS Biology</i> , 2019, 17, e3000164.	5.6	26
107	Mosaic nanoparticle display of diverse influenza virus hemagglutinins elicits broad B cell responses. <i>Nature Immunology</i> , 2019, 20, 362-372.	14.5	211
108	Antigenic competition in CD4 <sup>+</sup> T cell responses in a randomized, multicenter, double-blind clinical HIV vaccine trial. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	18



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109	DNA vaccination before conception protects Zika virus-exposed pregnant macaques against prolonged viremia and improves fetal outcomes. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	31
110	High-Throughput Mapping of B Cell Receptor Sequences to Antigen Specificity. <i>Cell</i> , 2019, 179, 1636-1646.e15.	28.9	219
111	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, .	3.4	111
112	A high-throughput inhibition assay to study MERS-CoV antibody interactions using image cytometry. <i>Journal of Virological Methods</i> , 2019, 265, 77-83.	2.1	12
113	A Prime-Pull-Amplify Vaccination Strategy To Maximize Induction of Circulating and Genital-Resident Intraepithelial CD8+ Memory T Cells. <i>Journal of Immunology</i> , 2019, 202, 1250-1264.	0.8	34
114	Atomic structures of enterovirus D68 in complex with two monoclonal antibodies define distinct mechanisms of viral neutralization. <i>Nature Microbiology</i> , 2019, 4, 124-133.	13.3	40
115	Respiratory syncytial virus vaccine research and development: World Health Organization technological roadmap and preferred product characteristics. <i>Vaccine</i> , 2019, 37, 7394-7395.	3.8	46
116	Antibody Fc effector functions and IgG3 associate with decreased HIV-1 risk. <i>Journal of Clinical Investigation</i> , 2019, 129, 4838-4849.	8.2	95
117	Crystal Structure and Immunogenicity of the DS-Cav1-Stabilized Fusion Glycoprotein From Respiratory Syncytial Virus Subtype B. <i>Pathogens and Immunity</i> , 2019, 4, 294.	3.1	26
118	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, .	3.4	155
119	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.	4.0	333
120	Two-Component Ferritin Nanoparticles for Multimerization of Diverse Trimeric Antigens. <i>ACS Infectious Diseases</i> , 2018, 4, 788-796.	3.8	65
121	Infants Infected with Respiratory Syncytial Virus Generate Potent Neutralizing Antibodies that Lack Somatic Hypermutation. <i>Immunity</i> , 2018, 48, 339-349.e5.	14.3	126
122	Modification of the Association Between T-Cell Immune Responses and Human Immunodeficiency Virus Type 1 Infection Risk by Vaccine-Induced Antibody Responses in the HVTN 505 Trial. <i>Journal of Infectious Diseases</i> , 2018, 217, 1280-1288.	4.0	32
123	Functional interrogation and mining of natively paired human VH:VL antibody repertoires. <i>Nature Biotechnology</i> , 2018, 36, 152-155.	17.5	109
124	The Zika virus envelope protein glycan loop regulates virion antigenicity. <i>Virology</i> , 2018, 515, 191-202.	2.4	49
125	Novel Vaccine Technologies. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 1431.	7.4	73
126	Is It Possible to Develop a "Universal" Influenza Virus Vaccine?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a029413.	5.5	34



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127	Safety, tolerability, and immunogenicity of two Zika virus DNA vaccine candidates in healthy adults: randomised, open-label, phase 1 clinical trials. <i>Lancet</i> , The, 2018, 391, 552-562.	13.7	235
128	Emerging viral diseases from a vaccinology perspective: preparing for the next pandemic. <i>Nature Immunology</i> , 2018, 19, 20-28.	14.5	110
129	Human Respiratory Syncytial Virus. , 2018, , .		1
130	Vaccination by microneedle patch with inactivated respiratory syncytial virus and monophosphoryl lipid A enhances the protective efficacy and diminishes inflammatory disease after challenge. <i>PLoS ONE</i> , 2018, 13, e0205071.	2.5	18
131	DNA vaccine priming for seasonal influenza vaccine in children and adolescents 6 to 17 years of age: A phase 1 randomized clinical trial. <i>PLoS ONE</i> , 2018, 13, e0206837.	2.5	24
132	Stabilized coronavirus spikes are resistant to conformational changes induced by receptor recognition or proteolysis. <i>Scientific Reports</i> , 2018, 8, 15701.	3.3	408
133	The Morphology and Assembly of Respiratory Syncytial Virus Revealed by Cryo-Electron Tomography. <i>Viruses</i> , 2018, 10, 446.	3.3	69
134	Memory Inflation Drives Tissue-Resident Memory CD8+ T Cell Maintenance in the Lung After Intranasal Vaccination With Murine Cytomegalovirus. <i>Frontiers in Immunology</i> , 2018, 9, 1861.	4.8	31
135	Use of Hemagglutinin Stem Probes Demonstrate Prevalence of Broadly Reactive Group 1 Influenza Antibodies in Human Sera. <i>Scientific Reports</i> , 2018, 8, 8628.	3.3	28
136	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.	8.4	174
137	The respiratory syncytial virus vaccine landscape: lessons from the graveyard and promising candidates. <i>Lancet Infectious Diseases</i> , The, 2018, 18, e295-e311.	9.1	355
138	Zika Virus. , 2018, , 1266-1267.e1.		0
139	A Recombinant Vesicular Stomatitis Virus Ebola Vaccine. <i>New England Journal of Medicine</i> , 2017, 376, 330-341.	27.0	314
140	Chimpanzee Adenovirus Vector Ebola Vaccine. <i>New England Journal of Medicine</i> , 2017, 376, 928-938.	27.0	243
141	Zika virus protection by a single low-dose nucleoside-modified mRNA vaccination. <i>Nature</i> , 2017, 543, 248-251.	27.8	699
142	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.	7.1	201
143	Potent single-domain antibodies that arrest respiratory syncytial virus fusion protein in its prefusion state. <i>Nature Communications</i> , 2017, 8, 14158.	12.8	58
144	Lymph Node Activation by PET/CT Following Vaccination With Licensed Vaccines for Human Papillomaviruses. <i>Clinical Nuclear Medicine</i> , 2017, 42, 329-334.	1.3	63

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145	Pulmonary Dendritic Cell Subsets Shape the Respiratory Syncytial Virus-Specific CD8+ T Cell Immunodominance Hierarchy in Neonates. <i>Journal of Immunology</i> , 2017, 198, 394-403.	0.8	20
146	Vaccine development for respiratory syncytial virus. <i>Current Opinion in Virology</i> , 2017, 23, 107-112.	5.4	133
147	Discovery of a Prefusion Respiratory Syncytial Virus F-Specific Monoclonal Antibody That Provides Greater <i>In Vivo</i> Protection than the Murine Precursor of Palivizumab. <i>Journal of Virology</i> , 2017, 91, .	3.4	24
148	Improved Prefusion Stability, Optimized Codon Usage, and Augmented Virion Packaging Enhance the Immunogenicity of Respiratory Syncytial Virus Fusion Protein in a Vectored-Vaccine Candidate. <i>Journal of Virology</i> , 2017, 91, .	3.4	30
149	Higher T-Cell Responses Induced by DNA/rAd5 HIV-1 Preventive Vaccine Are Associated With Lower HIV-1 Infection Risk in an Efficacy Trial. <i>Journal of Infectious Diseases</i> , 2017, 215, 1376-1385.	4.0	59
150	Prior Dengue Virus Exposure Shapes T Cell Immunity to Zika Virus in Humans. <i>Journal of Virology</i> , 2017, 91, .	3.4	148
151	Preferential induction of cross-group influenza A hemagglutinin stem-specific memory B cells after H7N9 immunization in humans. <i>Science Immunology</i> , 2017, 2, .	11.9	84
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