

David J Topham

List of Publications by Year in descending order

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Version: 2024-02-01

192
papers

12,338
citations

30070

54
h-index

30087

103
g-index

211
all docs

211
docs citations

211
times ranked

14445
citing authors

#	ARTICLE	IF	CITATIONS
1	The Negative Effect of Preexisting Immunity on Influenza Vaccine Responses Transcends the Impact of Vaccine Formulation Type and Vaccination History. <i>Journal of Infectious Diseases</i> , 2023, 227, 381-390.	4.0	8
2	Association of Human Milk Antibody Induction, Persistence, and Neutralizing Capacity With SARS-CoV-2 Infection vs mRNA Vaccination. <i>JAMA Pediatrics</i> , 2022, 176, 159.	6.2	74
3	Formation and Expansion of Memory B Cells against Coronavirus in Acutely Infected COVID-19 Individuals. <i>Pathogens</i> , 2022, 11, 186.	2.8	4
4	Aberrant newborn T \hat{A} cell and microbiota developmental trajectories predict respiratory compromise during infancy. <i>IScience</i> , 2022, 25, 104007.	4.1	5
5	Eight practices for data management to enable team data science. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e14.	0.6	2
6	Short term results of vaccination with adjuvanted recombinant varicella zoster glycoprotein E during initial BTK inhibitor therapy for CLL or lymphoplasmacytic lymphoma. <i>Leukemia</i> , 2021, 35, 1788-1791.	7.2	29
7	Leukocyte trafficking to the lungs and beyond: lessons from influenza for COVID-19. <i>Nature Reviews Immunology</i> , 2021, 21, 49-64.	22.7	126
8	Temporal Dysbiosis of Infant Nasal Microbiota Relative to Respiratory Syncytial Virus Infection. <i>Journal of Infectious Diseases</i> , 2021, 223, 1650-1658.	4.0	9
9	Airway Gene Expression Correlates of Respiratory Syncytial Virus Disease Severity and Microbiome Composition in Infants. <i>Journal of Infectious Diseases</i> , 2021, 223, 1639-1649.	4.0	17
10	Immunity to Influenza Infection in Humans. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a038729.	6.2	8
11	Gaps in Serologic Immunity against Contemporary Swine-Origin Influenza A Viruses among Healthy Individuals in the United States. <i>Viruses</i> , 2021, 13, 127.	3.3	5
12	Characterization of SARS-CoV-2 RNA, Antibodies, and Neutralizing Capacity in Milk Produced by Women with COVID-19. <i>MBio</i> , 2021, 12, .	4.1	208
13	Airway gene-expression classifiers for respiratory syncytial virus (RSV) disease severity in infants. <i>BMC Medical Genomics</i> , 2021, 14, 57.	1.5	5
14	Squalene-Based Influenza Vaccine Adjuvants and Their Impact on the Hemagglutinin-Specific B Cell Response. <i>Pathogens</i> , 2021, 10, 355.	2.8	25
15	CD49a Identifies Polyfunctional Memory CD8 T Cell Subsets that Persist in the Lungs After Influenza Infection. <i>Frontiers in Immunology</i> , 2021, 12, 728669.	4.8	15
16	MicroRNA-29 specifies age-related differences in the CD8+ T \hat{A} cell immune response. <i>Cell Reports</i> , 2021, 37, 109969.	6.4	3
17	A systems genomics approach uncovers molecular associates of RSV severity. <i>PLoS Computational Biology</i> , 2021, 17, e1009617.	3.2	3
18	Comparison of Human H3N2 Antibody Responses Elicited by Egg-Based, Cell-Based, and Recombinant Protein-Based Influenza Vaccines During the 2017-2018 Season. <i>Clinical Infectious Diseases</i> , 2020, 71, 1447-1453.	5.8	27

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19	S Protein-Reactive IgG and Memory B Cell Production after Human SARS-CoV-2 Infection Includes Broad Reactivity to the S2 Subunit. <i>MBio</i> , 2020, 11, .	4.1	188
20	Analysis of Antigen-Specific Human Memory B Cell Populations Based on In Vitro Polyclonal Stimulation. <i>Current Protocols in Immunology</i> , 2020, 131, e109.	3.6	4
21	Array-based analysis of SARS-CoV-2, other coronaviruses, and influenza antibodies in convalescent COVID-19 patients. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112643.	10.1	30
22	In situ neutrophil efferocytosis shapes T cell immunity to influenza infection. <i>Nature Immunology</i> , 2020, 21, 1046-1057.	14.5	36
23	Recombinant HA-based vaccine outperforms split and subunit vaccines in elicitation of influenza-specific CD4 T cells and CD4 T cell-dependent antibody responses in humans. <i>Npj Vaccines</i> , 2020, 5, 77.	6.0	28
24	3D Printed Microfluidic Devices for Solid-Phase Extraction and On-Chip Fluorescent Labeling of Preterm Birth Risk Biomarkers. <i>Analytical Chemistry</i> , 2020, 92, 12322-12329.	6.5	30
25	Middle-aged individuals may be in a perpetual state of H3N2 influenza virus susceptibility. <i>Nature Communications</i> , 2020, 11, 4566.	12.8	43
26	T cell and chemokine receptors differentially control CD8 T cell motility behavior in the infected airways immediately before and after virus clearance in a primary infection. <i>PLoS ONE</i> , 2020, 15, e0227157.	2.5	2
27	Discordant rearrangement of primary and anamnestic CD8+ T cell responses to influenza A viral epitopes upon exposure to bacterial superantigens: Implications for prophylactic vaccination, heterosubtypic immunity and superinfections. <i>PLoS Pathogens</i> , 2020, 16, e1008393.	4.7	5
28	Unbiased analysis of peripheral blood mononuclear cells reveals CD4 T cell response to RSV matrix protein. <i>Vaccine: X</i> , 2020, 5, 100065.	2.1	0
29	Serendipity: Reflections on Being Mentored by Dr. Peter Doherty. <i>Viral Immunology</i> , 2020, 33, 137-142.	1.3	0
30	Implementing sequence-based antigenic distance calculation into immunological shape space model. <i>BMC Bioinformatics</i> , 2020, 21, 256.	2.6	2
31	Androgen receptor signaling in the lungs mitigates inflammation and improves the outcome of influenza in mice. <i>PLoS Pathogens</i> , 2020, 16, e1008506.	4.7	28
32	Influenza response planning for the centers of excellence for influenza research and surveillance: Science preparedness for enhancing global health security. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 444-451.	3.4	4
33	A Live Attenuated Influenza Vaccine Elicits Enhanced Heterologous Protection When the Internal Genes of the Vaccine Are Matched to Those of the Challenge Virus. <i>Journal of Virology</i> , 2020, 94, .	3.4	18
34	Characterizing Emerging Canine H3 Influenza Viruses. <i>PLoS Pathogens</i> , 2020, 16, e1008409.	4.7	29
35	T _{RM} integrins CD103 and CD49a differentially support adherence and motility after resolution of influenza virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12306-12314.	7.1	78
36	Title is missing!. , 2020, 16, e1008393.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 16, e1008393.		0
38	Title is missing!. , 2020, 16, e1008393.		0
39	Title is missing!.. , 2020, 16, e1008393.		0
40	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
41	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
42	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
43	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
44	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
45	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
46	Monoclonal Antibody Responses after Recombinant Hemagglutinin Vaccine versus Subunit Inactivated Influenza Virus Vaccine: a Comparative Study. Journal of Virology, 2019, 93, .	3.4	18
47	Measuring the Severity of Respiratory Illness in the First 2ÂYears of Life in Preterm and Term Infants. Journal of Pediatrics, 2019, 214, 12-19.e3.	1.8	3
48	Programing of Distinct Chemokine-Dependent and -Independent Search Strategies for Th1 and Th2 Cells Optimizes Function at Inflamed Sites. Immunity, 2019, 51, 298-309.e6.	14.3	50
49	Formation and Maintenance of Tissue Resident Memory CD8+ T Cells after Viral Infection. Pathogens, 2019, 8, 196.	2.8	7
50	Comparative Study of the Temperature Sensitive, Cold Adapted and Attenuated Mutations Present in the Master Donor Viruses of the Two Commercial Human Live Attenuated Influenza Vaccines. Viruses, 2019, 11, 928.	3.3	21
51	Interferon-Induced Protein 44 Interacts with Cellular FK506-Binding Protein 5, Negatively Regulates Host Antiviral Responses, and Supports Virus Replication. MBio, 2019, 10, .	4.1	88
52	Novel Functions of IFI44L as a Feedback Regulator of Host Antiviral Responses. Journal of Virology, 2019, 93, .	3.4	66
53	Microbiome-Transcriptome Interactions Related to Severity of Respiratory Syncytial Virus Infection. Scientific Reports, 2019, 9, 13824.	3.3	30
54	Role of Memory B Cells in Hemagglutinin-Specific Antibody Production Following Human Influenza A Virus Infection. Pathogens, 2019, 8, 167.	2.8	20

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55	Highly efficient hypothesis testing methods for regression-type tests with correlated observations and heterogeneous variance structure. <i>BMC Bioinformatics</i> , 2019, 20, 185.	2.6	3
56	Broad Hemagglutinin-Specific Memory B Cell Expansion by Seasonal Influenza Virus Infection Reflects Early-Life Imprinting and Adaptation to the Infecting Virus. <i>Journal of Virology</i> , 2019, 93, .	3.4	50
57	Influenza Virus Vaccination Elicits Poorly Adapted B Cell Responses in Elderly Individuals. <i>Cell Host and Microbe</i> , 2019, 25, 357-366.e6.	11.0	124
58	Aims, Study Design, and Enrollment Results From the Assessing Predictors of Infant Respiratory Syncytial Virus Effects and Severity Study. <i>JMIR Research Protocols</i> , 2019, 8, e12907.	1.0	9
59	CD4 T Cell Epitope Specificity and Cytokine Potential Are Preserved as Cells Transition from the Lung Vasculature to Lung Tissue following Influenza Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	8
60	Influenza Infection in Humans Induces Broadly Cross-Reactive and Protective Neuraminidase-Reactive Antibodies. <i>Cell</i> , 2018, 173, 417-429.e10.	28.9	295
61	Antigenic cartography of H1N1 influenza viruses using sequence-based antigenic distance calculation. <i>BMC Bioinformatics</i> , 2018, 19, 51.	2.6	39
62	Virus-Specific Antibody, Viral Load, and Disease Severity in Respiratory Syncytial Virus Infection. <i>Journal of Infectious Diseases</i> , 2018, 218, 208-217.	4.0	34
63	Maximum Likelihood Estimation of Titer via a Power Family of Four-Parameter Logistic Model. <i>Journal of Biopharmaceutical Statistics</i> , 2018, 28, 492-500.	0.8	0
64	Modulation of Innate Immune Responses by the Influenza A NS1 and PA-X Proteins. <i>Viruses</i> , 2018, 10, 708.	3.3	66
65	Neonatal gut and respiratory microbiota: coordinated development through time and space. <i>Microbiome</i> , 2018, 6, 193.	11.1	68
66	Directed selection of amino acid changes in the influenza hemagglutinin and neuraminidase affecting protein antigenicity. <i>Vaccine</i> , 2018, 36, 6383-6392.	3.8	5
67	Pandemic influenza vaccines: what they have taught us about B cell immunology. <i>Current Opinion in Immunology</i> , 2018, 53, 203-208.	5.5	7
68	T-Cell Responses in Adults During Natural Respiratory Syncytial Virus Infection. <i>Journal of Infectious Diseases</i> , 2018, 218, 418-428.	4.0	15
69	Broad cross-reactive IgG responses elicited by adjuvanted vaccination with recombinant influenza hemagglutinin (rHA) in ferrets and mice. <i>PLoS ONE</i> , 2018, 13, e0193680.	2.5	23
70	Tissue-Resident Memory CD8+ T Cells: From Phenotype to Function. <i>Frontiers in Immunology</i> , 2018, 9, 515.	4.8	145
71	Crowd on a Chip: Label-Free Human Monoclonal Antibody Arrays for Serotyping Influenza. <i>Analytical Chemistry</i> , 2018, 90, 9583-9590.	6.5	19
72	Functional Evolution of the 2009 Pandemic H1N1 Influenza Virus NS1 and PA in Humans. <i>Journal of Virology</i> , 2018, 92, .	3.4	42

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73	Effect of prior vaccination on carriage rates of <i>Streptococcus pneumoniae</i> in older adults: A longitudinal surveillance study. <i>Vaccine</i> , 2018, 36, 4304-4310.	3.8	21
74	Development of a Global Respiratory Severity Score (GRSS) for Respiratory Syncytial Virus Infection in Infants. <i>Journal of Infectious Diseases</i> , 2017, 215, jiw624.	4.0	32
75	A live-attenuated influenza vaccine for H3N2 canine influenza virus. <i>Virology</i> , 2017, 504, 96-106.	2.4	27
76	B-Cell Responses to Intramuscular Administration of a Bivalent Virus-Like Particle Human Norovirus Vaccine. <i>Vaccine Journal</i> , 2017, 24, .	3.1	17
77	FUNNEL-GSEA: FUNctioNal ELastic-net regression in time-course gene set enrichment analysis. <i>Bioinformatics</i> , 2017, 33, 1944-1952.	4.1	27
78	NS1 Protein Amino Acid Changes D189N and V194I Affect Interferon Responses, Thermosensitivity, and Virulence of Circulating H3N2 Human Influenza A Viruses. <i>Journal of Virology</i> , 2017, 91, .	3.4	43
79	Temperature-Sensitive Live-Attenuated Canine Influenza Virus H3N8 Vaccine. <i>Journal of Virology</i> , 2017, 91, .	3.4	23
80	A novel intracellular pool of LFA-1 is critical for asymmetric CD8+ T cell activation and differentiation. <i>Journal of Cell Biology</i> , 2017, 216, 3817-3829.	5.2	44
81	The K186E Amino Acid Substitution in the Canine Influenza Virus H3N8 NS1 Protein Restores Its Ability To Inhibit Host Gene Expression. <i>Journal of Virology</i> , 2017, 91, .	3.4	25
82	Association of Dynamic Changes in the CD4 T-Cell Transcriptome With Disease Severity During Primary Respiratory Syncytial Virus Infection in Young Infants. <i>Journal of Infectious Diseases</i> , 2017, 216, 1027-1037.	4.0	17
83	Transcriptomic Biomarkers to Discriminate Bacterial from Nonbacterial Infection in Adults Hospitalized with Respiratory Illness. <i>Scientific Reports</i> , 2017, 7, 6548.	3.3	54
84	Natural and directed antigenic drift of the H1 influenza virus hemagglutinin stalk domain. <i>Scientific Reports</i> , 2017, 7, 14614.	3.3	54
85	Interplay of PA-X and NS1 Proteins in Replication and Pathogenesis of a Temperature-Sensitive 2009 Pandemic H1N1 Influenza A Virus. <i>Journal of Virology</i> , 2017, 91, .	3.4	48
86	Functional Evolution of Influenza Virus NS1 Protein in Currently Circulating Human 2009 Pandemic H1N1 Viruses. <i>Journal of Virology</i> , 2017, 91, .	3.4	51
87	Antigenicity of the 2015-2016 seasonal H1N1 human influenza virus HA and NA proteins. <i>PLoS ONE</i> , 2017, 12, e0188267.	2.5	46
88	Boolean Modeling of Cellular and Molecular Pathways Involved in Influenza Infection. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-11.	1.3	10
89	Rearrangement of Influenza Virus Spliced Segments for the Development of Live-Attenuated Vaccines. <i>Journal of Virology</i> , 2016, 90, 6291-6302.	3.4	44
90	NS1 Protein Mutation I64T Affects Interferon Responses and Virulence of Circulating H3N2 Human Influenza A Viruses. <i>Journal of Virology</i> , 2016, 90, 9693-9711.	3.4	34

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91	Directed selection of influenza virus produces antigenic variants that match circulating human virus isolates and escape from vaccine-mediated immune protection. <i>Immunology</i> , 2016, 148, 160-173.	4.4	29
92	Both Neutralizing and Non-Neutralizing Human H7N9 Influenza Vaccine-Induced Monoclonal Antibodies Confer Protection. <i>Cell Host and Microbe</i> , 2016, 19, 800-813.	11.0	238
93	An improved method for estimating antibody titers in microneutralization assay using green fluorescent protein. <i>Journal of Biopharmaceutical Statistics</i> , 2016, 26, 409-420.	0.8	5
94	Novel Sequence-Based Mapping of Recently Emerging H5N1 Influenza Viruses Reveals Pandemic Vaccine Candidates. <i>PLoS ONE</i> , 2016, 11, e0160510.	2.5	10
95	The Effects of Acute Neutrophil Depletion on Resolution of Acute Influenza Infection, Establishment of Tissue Resident Memory (TRM), and Heterosubtypic Immunity. <i>PLoS ONE</i> , 2016, 11, e0164247.	2.5	21
96	Live Imaging of Influenza Infection of the Trachea Reveals Dynamic Regulation of CD8+ T Cell Motility by Antigen. <i>PLoS Pathogens</i> , 2016, 12, e1005881.	4.7	46
97	High-Affinity H7 Head and Stalk Domain-Specific Antibody Responses to an Inactivated Influenza H7N7 Vaccine After Priming With Live Attenuated Influenza Vaccine. <i>Journal of Infectious Diseases</i> , 2015, 212, 1270-1278.	4.0	43
98	Visualization of integrin Mac-1 in vivo. <i>Journal of Immunological Methods</i> , 2015, 426, 120-127.	1.4	12
99	Robust mucosal-homing antibody-secreting B cell responses induced by intramuscular administration of adjuvanted bivalent human norovirus-like particle vaccine. <i>Vaccine</i> , 2015, 33, 568-576.	3.8	41
100	Activation of the aryl hydrocarbon receptor during development enhances the pulmonary CD4 ⁺ T-cell response to viral infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L305-L313.	2.9	19
101	Developmentally determined reduction in CD31 during gestation is associated with CD8 + T cell effector differentiation in preterm infants. <i>Clinical Immunology</i> , 2015, 161, 65-74.	3.2	24
102	Competitive detection of influenza neutralizing antibodies using a novel bivalent fluorescence-based microneutralization assay (BIFMA). <i>Vaccine</i> , 2015, 33, 3562-3570.	3.8	23
103	Diversifying Selection Analysis Predicts Antigenic Evolution of 2009 Pandemic H1N1 Influenza A Virus in Humans. <i>Journal of Virology</i> , 2015, 89, 5427-5440.	3.4	21
104	Assessing microstructures of the cornea with Gabor-domain optical coherence microscopy: pathway for corneal physiology and diseases. <i>Optics Letters</i> , 2015, 40, 1113.	3.3	29
105	Neutrophil trails guide influenza-specific CD8 ⁺ T cells in the airways. <i>Science</i> , 2015, 349, aaa4352.	12.6	328
106	Quantifying Immune Response to Influenza Virus Infection via Multivariate Nonlinear ODE Models with Partially Observed State Variables and Time-Varying Parameters. <i>Statistics in Biosciences</i> , 2015, 7, 147-166.	1.2	4
107	The Specialized Proresolving Mediator 17-HDHA Enhances the Antibody-Mediated Immune Response against Influenza Virus: A New Class of Adjuvant?. <i>Journal of Immunology</i> , 2014, 193, 6031-6040.	0.8	107
108	Live attenuated H7N7 influenza vaccine primes for a vigorous antibody response to inactivated H7N7 influenza vaccine. <i>Vaccine</i> , 2014, 32, 6798-6804.	3.8	65

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109	Induction of CD8 T Cell Heterologous Protection by a Single Dose of Single-Cycle Infectious Influenza Virus. <i>Journal of Virology</i> , 2014, 88, 12006-12016.	3.4	27
110	Influenza A and B Virus Intertypic Reassortment through Compatible Viral Packaging Signals. <i>Journal of Virology</i> , 2014, 88, 10778-10791.	3.4	83
111	Influenza A Virus Attenuation by Codon Deoptimization of the NS Gene for Vaccine Development. <i>Journal of Virology</i> , 2014, 88, 10525-10540.	3.4	133
112	Modeling the Dynamics and Migratory Pathways of Virus-Specific Antibody-Secreting Cell Populations in Primary Influenza Infection. <i>PLoS ONE</i> , 2014, 9, e104781.	2.5	2
113	Inflammation-induced interstitial migration of effector CD4+ T cells is dependent on integrin $\hat{I}\pm V$. <i>Nature Immunology</i> , 2013, 14, 949-958.	14.5	162
114	The use of self-adjuvanting nanofiber vaccines to elicit high-affinity B cell responses to peptide antigens without inflammation. <i>Biomaterials</i> , 2013, 34, 8776-8785.	11.4	150
115	Heterovariant Cross-Reactive B-Cell Responses Induced by the 2009 Pandemic Influenza Virus A Subtype H1N1 Vaccine. <i>Journal of Infectious Diseases</i> , 2013, 207, 288-296.	4.0	23
116	B Cell Response and Hemagglutinin Stalk-Reactive Antibody Production in Different Age Cohorts following 2009 H1N1 Influenza Virus Vaccination. <i>Vaccine Journal</i> , 2013, 20, 867-876.	3.1	59
117	Gain-of-Function Experiments on H7N9. <i>Science</i> , 2013, 341, 612-613.	12.6	24
118	Protection against Lethal Influenza with a Viral Mimic. <i>Journal of Virology</i> , 2013, 87, 8591-8605.	3.4	60
119	Statistical Estimation & Inference of Cell Counts from ELISPOT Limiting Dilution Assays. <i>Journal of Biopharmaceutical Statistics</i> , 2013, 23, 921-936.	0.8	1
120	Stability of T cell phenotype and functional assays following heparinized umbilical cord blood collection. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 937-949.	1.5	11
121	Antigenic and immunogenic properties of recombinant hemagglutinin proteins from H1N1 A/Brisbane/59/07 and B/Florida/04/06 when produced in various protein expression systems. <i>Vaccine</i> , 2012, 30, 4606-4616.	3.8	17
122	Host Differences in Influenza-Specific CD4 T Cell and B Cell Responses Are Modulated by Viral Strain and Route of Immunization. <i>PLoS ONE</i> , 2012, 7, e34377.	2.5	11
123	Platelets Present Antigen in the Context of MHC Class I. <i>Journal of Immunology</i> , 2012, 189, 916-923.	0.8	184
124	The Bone Marrow Functions as the Central Site of Proliferation for Long-Lived NK Cells. <i>Journal of Immunology</i> , 2012, 189, 2333-2337.	0.8	39
125	Multiple Distinct Forms of CD8+ T Cell Cross-Reactivity and Specificities Revealed after 2009 H1N1 Influenza A Virus Infection in Mice. <i>PLoS ONE</i> , 2012, 7, e46166.	2.5	16
126	CD8+ T cell immunity to 2009 pandemic and seasonal H1N1 influenza viruses. <i>Vaccine</i> , 2011, 29, 2159-2168.	3.8	34

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127	Label-free, arrayed sensing of immune response to influenza antigens. <i>Talanta</i> , 2011, 83, 1000-1005.	5.5	22
128	Vaccination with drifted variants of avian H5 hemagglutinin protein elicits a broadened antibody response that is protective against challenge with homologous or drifted live H5 influenza virus. <i>Vaccine</i> , 2011, 29, 8888-8897.	3.8	9
129	CD4+ T Cell Effects on CD8+ T Cell Location Defined Using Bioluminescence. <i>PLoS ONE</i> , 2011, 6, e16222.	2.5	5
130	Rapid Reactivation of Extralymphoid CD4 T Cells during Secondary Infection. <i>PLoS ONE</i> , 2011, 6, e20493.	2.5	17
131	PA28 and the proteasome immunosubunits play a central and independent role in the production of MHC class II-binding peptides in vivo. <i>European Journal of Immunology</i> , 2011, 41, 926-935.	2.9	52
132	Modeling of Influenza-Specific CD8+ T Cells during the Primary Response Indicates that the Spleen Is a Major Source of Effectors. <i>Journal of Immunology</i> , 2011, 187, 4474-4482.	0.8	41
133	T Cell-Mediated Protection against Lethal 2009 Pandemic H1N1 Influenza Virus Infection in a Mouse Model. <i>Journal of Virology</i> , 2011, 85, 448-455.	3.4	98
134	Quantifying the Early Immune Response and Adaptive Immune Response Kinetics in Mice Infected with Influenza A Virus. <i>Journal of Virology</i> , 2010, 84, 6687-6698.	3.4	185
135	Mixed Lineage Kinase 3 deficiency delays viral clearance in the lung and is associated with diminished influenza-induced cytopathic effect in infected cells. <i>Virology</i> , 2010, 400, 224-232.	2.4	8
136	Interleukin-22 (IL-22) Production by Pulmonary Natural Killer Cells and the Potential Role of IL-22 during Primary Influenza Virus Infection. <i>Journal of Virology</i> , 2010, 84, 7750-7759.	3.4	90
137	Cutting Edge: CD4 T Cells Generated from Encounter with Seasonal Influenza Viruses and Vaccines Have Broad Protein Specificity and Can Directly Recognize Naturally Generated Epitopes Derived from the Live Pandemic H1N1 Virus. <i>Journal of Immunology</i> , 2010, 185, 4998-5002.	0.8	73
138	Identification of a Unique Population of Tissue-Memory CD4+ T Cells in the Airways after Influenza Infection That Is Dependent on the Integrin VLA-1. <i>Journal of Immunology</i> , 2010, 184, 3841-3849.	0.8	47
139	B cell responses to H5 influenza HA in human subjects vaccinated with a drifted variant. <i>Vaccine</i> , 2010, 28, 907-915.	3.8	18
140	Endogenous 4-1BB Ligand Plays a Critical Role in Protection from Influenza-Induced Disease. <i>Journal of Immunology</i> , 2009, 182, 934-947.	0.8	84
141	Simulation and Prediction of the Adaptive Immune Response to Influenza A Virus Infection. <i>Journal of Virology</i> , 2009, 83, 7151-7165.	3.4	163
142	Frequencies of human influenza-specific antibody secreting cells or plasmablasts post vaccination from fresh and frozen peripheral blood mononuclear cells. <i>Journal of Immunological Methods</i> , 2009, 340, 42-47.	1.4	55
143	Ibuprofen and other widely used non-steroidal anti-inflammatory drugs inhibit antibody production in human cells. <i>Cellular Immunology</i> , 2009, 258, 18-28.	3.0	105
144	The TLR9 Ligand CpG Promotes the Acquisition of <i>Plasmodium falciparum</i> -Specific Memory B Cells in Malaria-Naive Individuals. <i>Journal of Immunology</i> , 2009, 182, 3318-3326.	0.8	73

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145	Recombinant human activated protein C inhibits integrin-mediated neutrophil migration. <i>Blood</i> , 2009, 113, 4078-4085.	1.4	108
146	Early Intrahepatic Accumulation of CD8+ T Cells Provides a Source of Effectors for Nonhepatic Immune Responses. <i>Journal of Immunology</i> , 2007, 179, 201-210.	0.8	34
147	Memory CD8+ T Cells Require CD28 Costimulation. <i>Journal of Immunology</i> , 2007, 179, 6494-6503.	0.8	118
148	The $\alpha 1 \beta 1$ Integrin and TNF Receptor II Protect Airway CD8+ Effector T Cells from Apoptosis during Influenza Infection. <i>Journal of Immunology</i> , 2007, 179, 5054-5063.	0.8	60
149	Collagen Distribution and Expression of Collagen-Binding $\alpha 1 \beta 1$ (VLA-1) and $\alpha 2 \beta 1$ (VLA-2) Integrins on CD4 and CD8 T Cells during Influenza Infection. <i>Journal of Immunology</i> , 2007, 178, 4506-4516.	0.8	76
150	Direct Ex Vivo Analyses of HLA-DR1 Transgenic Mice Reveal an Exceptionally Broad Pattern of Immunodominance in the Primary HLA-DR1-Restricted CD4 T-Cell Response to Influenza Virus Hemagglutinin. <i>Journal of Virology</i> , 2007, 81, 7608-7619.	3.4	59
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