

Scott E Hensley

List of Publications by Year in Descending Order

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Version: 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104
papers

6,407
citations

40
h-index

79
g-index

114
ext. papers

9,503
ext. citations

15
avg, IF

5.93
L-index

#	Paper	IF	Citations
104	Cytomegalovirus latent infection is associated with an increased risk of COVID-19-related hospitalization.. <i>Journal of Infectious Diseases</i> , 2022 ,	7	8
103	Germinal center responses to SARS-CoV-2 mRNA vaccines in healthy and immunocompromised individuals.. <i>Cell</i> , 2022 ,	56.2	17
102	Efficient recall of Omicron-reactive B cell memory after a third dose of SARS-CoV-2 mRNA vaccine. 2022 ,		1
101	Efficient recall of Omicron-reactive B cell memory after a third dose of SARS-CoV-2 mRNA vaccine.. <i>Cell</i> , 2022 ,	56.2	11
100	Signaling Through Fc β IIA and the C5a-C5aR Pathway Mediate Platelet Hyperactivation in COVID-19.. <i>Frontiers in Immunology</i> , 2022 , 13, 834988	8.4	1
99	The 2009 Pandemic H1N1 Hemagglutinin Stalk Remained Antigenically Stable after Circulating in Humans for a Decade.. <i>Journal of Virology</i> , 2022 , e0220021	6.6	
98	Antigenic and virological properties of an H3N2 variant that continues to dominate the 2021-22 Northern Hemisphere influenza season. <i>Cell Reports</i> , 2022 , 39, 110897	10.6	4
97	Neighborhood Characteristics and Racial Disparities in Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Seropositivity in Pregnancy. <i>Obstetrics and Gynecology</i> , 2022 , 139, 1018-1026	4.9	0
96	A randomized controlled study of convalescent plasma for individuals hospitalized with COVID-19 pneumonia. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	11
95	Evolution of SARS-CoV-2 Seroprevalence Among Employees of a United States Academic Children's Hospital During the COVID-19 Pandemic. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-24	2	0
94	mRNA vaccines induce durable immune memory to SARS-CoV-2 and variants of concern. <i>Science</i> , 2021 , 374, abm0829	33.3	133
93	SARS-CoV-2 spike protein binding selectively accelerates substrate-specific catalytic activity of ACE2. <i>Journal of Biochemistry</i> , 2021 , 170, 299-306	3.1	3
92	Longitudinal Analysis Reveals Distinct Antibody and Memory B Cell Responses in SARS-CoV2 Naïve and Recovered Individuals Following mRNA Vaccination 2021 ,		17
91	Deep immune profiling of MIS-C demonstrates marked but transient immune activation compared to adult and pediatric COVID-19. <i>Science Immunology</i> , 2021 , 6,	28	74
90	Seasonal human coronavirus antibodies are boosted upon SARS-CoV-2 infection but not associated with protection. <i>Cell</i> , 2021 , 184, 1858-1864.e10	56.2	155
89	Sero-monitoring of health care workers reveals complex relationships between common coronavirus antibodies and SARS-CoV-2 severity 2021 ,		3
88	Distinct antibody and memory B cell responses in SARS-CoV-2 naïve and recovered individuals following mRNA vaccination. <i>Science Immunology</i> , 2021 , 6,	28	237

87	Signaling through Fc β RIIA and the C5a-C5aR pathway mediates platelet hyperactivation in COVID-19 2021 ,		12
86	CD8 T cells contribute to survival in patients with COVID-19 and hematologic cancer. <i>Nature Medicine</i> , 2021 , 27, 1280-1289	50.5	103
85	SARS-CoV-2 Seropositivity and Seroconversion in Patients Undergoing Active Cancer-Directed Therapy. <i>JCO Oncology Practice</i> , 2021 , 17, e1879-e1886	2.3	1
84	An Egg-Derived Sulfated -Acetyllactosamine Glycan Is an Antigenic Decoy of Influenza Virus Vaccines. <i>MBio</i> , 2021 , 12, e0083821	7.8	3
83	Vaccination reshapes the virus-specific T cell repertoire in unexposed adults. <i>Immunity</i> , 2021 , 54, 1245-1256.e52	35.6	5
82	Assessment of Maternal and Neonatal Cord Blood SARS-CoV-2 Antibodies and Placental Transfer Ratios. <i>JAMA Pediatrics</i> , 2021 , 175, 594-600	8.3	96
81	Severe Acute Respiratory Syndrome-Coronavirus-2 (SARS-CoV-2) Antibody Responses in Children With Multisystem Inflammatory Syndrome in Children (MIS-C) and Mild and Severe Coronavirus Disease 2019 (COVID-19). <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021 , 10, 669-673	4.8	29
80	Efficacy and Safety of Hydroxychloroquine vs Placebo for Pre-exposure SARS-CoV-2 Prophylaxis Among Health Care Workers: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2021 , 181, 195-202	11.5	102
79	SARS-CoV-2 seropositivity and seroconversion in patients undergoing active cancer-directed therapy 2021 ,		1
78	CD8 T cells compensate for impaired humoral immunity in COVID-19 patients with hematologic cancer 2021 ,		11
77	Pre-existing heterosubtypic immunity provides a barrier to airborne transmission of influenza viruses. <i>PLoS Pathogens</i> , 2021 , 17, e1009273	7.6	7
76	mRNA Vaccination Induces Durable Immune Memory to SARS-CoV-2 with Continued Evolution to Variants of Concern 2021 ,		23
75	Health care worker seromonitoring reveals complex relationships between common coronavirus antibodies and COVID-19 symptom duration. <i>JCI Insight</i> , 2021 , 6,	9.9	9
74	Cellular and humoral immune responses following SARS-CoV-2 mRNA vaccination in patients with multiple sclerosis on anti-CD20 therapy. <i>Nature Medicine</i> , 2021 , 27, 1990-2001	50.5	138
73	Germinal center responses to SARS-CoV-2 mRNA vaccines in healthy and immunocompromised individuals 2021 ,		8
72	Rapid induction of antigen-specific CD4 T β cells is associated with coordinated humoral and cellular immunity to SARS-CoV-2 mRNA vaccination. <i>Immunity</i> , 2021 , 54, 2133-2142.e3	32.3	117
71	Evidence of thrombotic microangiopathy in children with SARS-CoV-2 across the spectrum of clinical presentations. <i>Blood Advances</i> , 2020 , 4, 6051-6063	7.8	57
70	Antigenic assessment of the H3N2 component of the 2019-2020 Northern Hemisphere influenza vaccine. <i>Nature Communications</i> , 2020 , 11, 2445	17.4	10

69	Challenges of Making Effective Influenza Vaccines. <i>Annual Review of Virology</i> , 2020 , 7, 495-512	14.6	12
68	The Transcription Factor T-bet Resolves Memory B Cell Subsets with Distinct Tissue Distributions and Antibody Specificities in Mice and Humans. <i>Immunity</i> , 2020 , 52, 842-855.e6	32.3	64
67	Original antigenic sin priming of influenza virus hemagglutinin stalk antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17221-17227	11.5	29
66	Landscape of coordinated immune responses to H1N1 challenge in humans. <i>Journal of Clinical Investigation</i> , 2020 , 130, 5800-5816	15.9	8
65	Immunologic perturbations in severe COVID-19/SARS-CoV-2 infection 2020 ,		27
64	Deep immune profiling of COVID-19 patients reveals patient heterogeneity and distinct immunotypes with implications for therapeutic interventions 2020 ,		52
63	SARS-CoV-2 Seroprevalence Among Parturient Women 2020 ,		4
62	SARS-CoV-2 antibody responses in children with MIS-C and mild and severe COVID-19 2020 ,		8
61	Deep Immune Profiling of MIS-C demonstrates marked but transient immune activation compared to adult and pediatric COVID-19 2020 ,		12
60	Seasonal human coronavirus antibodies are boosted upon SARS-CoV-2 infection but not associated with protection 2020 ,		17
59	Influenza Vaccines Delivered in Early Childhood Could Turn Antigenic Sin into Antigenic Blessings. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020 , 10,	5.4	11
58	Nucleoside-modified mRNA vaccination partially overcomes maternal antibody inhibition of de novo immune responses in mice. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	10
57	Deep immune profiling of COVID-19 patients reveals distinct immunotypes with therapeutic implications. <i>Science</i> , 2020 , 369,	33.3	744
56	Comprehensive mapping of immune perturbations associated with severe COVID-19. <i>Science Immunology</i> , 2020 , 5,	28	387
55	SARS-CoV-2 seroprevalence among parturient women in Philadelphia. <i>Science Immunology</i> , 2020 , 5,	28	84
54	Convalescent plasma for pediatric patients with SARS-CoV-2-associated acute respiratory distress syndrome. <i>Pediatric Blood and Cancer</i> , 2020 , 67, e28693	3	28
53	Middle-aged individuals may be in a perpetual state of H3N2 influenza virus susceptibility. <i>Nature Communications</i> , 2020 , 11, 4566	17.4	22
52	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	11.6	16

51	Potential Antigenic Mismatch of the H3N2 Component of the 2019 Southern Hemisphere Influenza Vaccine. <i>Clinical Infectious Diseases</i> , 2020 , 70, 2432-2434	11.6	1
50	Assessing the Protective Potential of H1N1 Influenza Virus Hemagglutinin Head and Stalk Antibodies in Humans. <i>Journal of Virology</i> , 2019 , 93,	6.6	23
49	Human Influenza A Virus Hemagglutinin Glycan Evolution Follows a Temporal Pattern to a Glycan Limit. <i>MBio</i> , 2019 , 10,	7.8	45
48	Mapping person-to-person variation in viral mutations that escape polyclonal serum targeting influenza hemagglutinin. <i>ELife</i> , 2019 , 8,	8.9	47
47	Author response: Mapping person-to-person variation in viral mutations that escape polyclonal serum targeting influenza hemagglutinin 2019 ,		7
46	Influenza Virus Vaccination Elicits Poorly Adapted B Cell Responses in Elderly Individuals. <i>Cell Host and Microbe</i> , 2019 , 25, 357-366.e6	23.4	79
45	Identification of Antibodies Targeting the H3N2 Hemagglutinin Receptor Binding Site following Vaccination of Humans. <i>Cell Reports</i> , 2019 , 29, 4460-4470.e8	10.6	10
44	Immunodominance and Antigenic Variation of Influenza Virus Hemagglutinin: Implications for Design of Universal Vaccine Immunogens. <i>Journal of Infectious Diseases</i> , 2019 , 219, S38-S45	7	41
43	Poor Immunogenicity, Not Vaccine Strain Egg Adaptation, May Explain the Low H3N2 Influenza Vaccine Effectiveness in 2012-2013. <i>Clinical Infectious Diseases</i> , 2018 , 67, 327-333	11.6	36
42	Genomic Circuitry Underlying Immunological Response to Pediatric Acute Respiratory Infection. <i>Cell Reports</i> , 2018 , 22, 411-426	10.6	9
41	Sera from Individuals with Narrowly Focused Influenza Virus Antibodies Rapidly Select Viral Escape Mutations. <i>Journal of Virology</i> , 2018 , 92,	6.6	15
40	Nucleoside-modified mRNA vaccines induce potent T follicular helper and germinal center B cell responses. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1571-1588	16.6	212
39	Nucleoside-modified mRNA immunization elicits influenza virus hemagglutinin stalk-specific antibodies. <i>Nature Communications</i> , 2018 , 9, 3361	17.4	120
38	Identification of human vaccinees that possess antibodies targeting the egg-adapted hemagglutinin receptor binding site of an H1N1 influenza vaccine strain. <i>Vaccine</i> , 2018 , 36, 4095-4101	4.1	13
37	The parasite-derived rOv-ASP-1 is an effective antigen-sparing CD4 T cell-dependent adjuvant for the trivalent inactivated influenza vaccine, and functions in the absence of MyD88 pathway. <i>Vaccine</i> , 2018 , 36, 3650-3665	4.1	3
36	Zika virus protection by a single low-dose nucleoside-modified mRNA vaccination. <i>Nature</i> , 2017 , 543, 248-251	50.4	502
35	Immune history and influenza virus susceptibility. <i>Current Opinion in Virology</i> , 2017 , 22, 105-111	7.5	139
34	Characterization of Zika virus binding and enhancement potential of a large panel of flavivirus murine monoclonal antibodies. <i>Virology</i> , 2017 , 508, 1-6	3.6	14

33	Successive annual influenza vaccination induces a recurrent oligoclonotypic memory response in circulating T follicular helper cells. <i>Science Immunology</i> , 2017 , 2,	28	94
32	A structural explanation for the low effectiveness of the seasonal influenza H3N2 vaccine. <i>PLoS Pathogens</i> , 2017 , 13, e1006682	7.6	143
31	Contemporary H3N2 influenza viruses have a glycosylation site that alters binding of antibodies elicited by egg-adapted vaccine strains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12578-12583	11.5	312
30	Complete mapping of viral escape from neutralizing antibodies. <i>PLoS Pathogens</i> , 2017 , 13, e1006271	7.6	80
29	Cutting Edge: IL-4, IL-21, and IFN- γ Interact To Govern T-bet and CD11c Expression in TLR-Activated B Cells. <i>Journal of Immunology</i> , 2016 , 197, 1023-8	5.3	108
28	Antibodies Against the Current Influenza A(H1N1) Vaccine Strain Do Not Protect Some Individuals From Infection With Contemporary Circulating Influenza A(H1N1) Virus Strains. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1947-1951	7	45
27	Antibodies with Original Antigenic Sin Properties Are Valuable Components of Secondary Immune Responses to Influenza Viruses. <i>PLoS Pathogens</i> , 2016 , 12, e1005806	7.6	40
26	Propagation and Characterization of Influenza Virus Stocks That Lack High Levels of Defective Viral Genomes and Hemagglutinin Mutations. <i>Frontiers in Microbiology</i> , 2016 , 7, 326	5.7	27
25	Canine H3N8 influenza vaccines partially protect mice against the canine H3N2 strain currently circulating in the United States. <i>Vaccine</i> , 2016 , 34, 5483-5487	4.1	1
24	Identification of Hemagglutinin Residues Responsible for H3N2 Antigenic Drift during the 2014-2015 Influenza Season. <i>Cell Reports</i> , 2015 , 12, 1-6	10.6	143
23	Potential antigenic explanation for atypical H1N1 infections among middle-aged adults during the 2013-2014 influenza season. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15798-803	11.5	159
22	Recent H3N2 influenza virus clinical isolates rapidly acquire hemagglutinin or neuraminidase mutations when propagated for antigenic analyses. <i>Journal of Virology</i> , 2014 , 88, 10986-9	6.6	34
21	Challenges of selecting seasonal influenza vaccine strains for humans with diverse pre-exposure histories. <i>Current Opinion in Virology</i> , 2014 , 8, 85-9	7.5	53
20	Compensatory hemagglutinin mutations alter antigenic properties of influenza viruses. <i>Journal of Virology</i> , 2013 , 87, 11168-72	6.6	18
19	Immune history shapes specificity of pandemic H1N1 influenza antibody responses. <i>Journal of Experimental Medicine</i> , 2013 , 210, 1493-500	16.6	130
18	Single hemagglutinin mutations that alter both antigenicity and receptor binding avidity influence influenza virus antigenic clustering. <i>Journal of Virology</i> , 2013 , 87, 9904-10	6.6	55
17	Fitness costs limit influenza A virus hemagglutinin glycosylation as an immune evasion strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E1417-22	11.5	102
16	Influenza A virus hemagglutinin antibody escape promotes neuraminidase antigenic variation and drug resistance. <i>PLoS ONE</i> , 2011 , 6, e15190	3.7	57

15	Hemagglutinin receptor binding avidity drives influenza A virus antigenic drift. <i>Science</i> , 2009 , 326, 734-633,3	364
14	Type I interferon inhibits antibody responses induced by a chimpanzee adenovirus vector. <i>Molecular Therapy</i> , 2007 , 15, 393-403	11.7 61
13	Dendritic cell maturation, but not CD8+ T cell induction, is dependent on type I IFN signaling during vaccination with adenovirus vectors. <i>Journal of Immunology</i> , 2005 , 175, 6032-41	5.3 63
12	Transplacental Transfer of SARS-CoV-2 Antibodies	1
11	SARS-CoV-2 Seroprevalence Among Parturient Women	5
10	SARS-CoV-2 infections elicit higher levels of original antigenic sin antibodies compared to SARS-CoV-2 mRNA vaccinations	1
9	Mapping person-to-person variation in viral mutations that escape polyclonal serum targeting influenza hemagglutinin	5
8	Middle-aged individuals may be in a perpetual state of H3N2 influenza virus susceptibility	2
7	Pre-existing immunity provides a barrier to airborne transmission of influenza viruses	2
6	Despite egg-adaptive mutations, the 2012-13 H3N2 influenza vaccine induced comparable antibody titers to the intended strain	2
5	Sera from individuals with narrowly focused influenza virus antibodies rapidly select viral escape mutations in ovo	1
4	Assessing the protective potential of H1N1 influenza virus hemagglutinin head and stalk antibodies in humans	1
3	An egg-derived sulfated N-Acetylglucosamine glycan is an antigenic decoy of influenza virus vaccines	1
2	Rapid induction of antigen-specific CD4+ T cells guides coordinated humoral and cellular immune responses to SARS-CoV-2 mRNA vaccination	15
1	Altered cellular and humoral immune responses following SARS-CoV-2 mRNA vaccination in patients with multiple sclerosis on anti-CD20 therapy	23