

Daniel O Connor

List of Publications by Citations

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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.

41 papers	4,773 citations	14 h-index	48 g-index
48 ext. papers	7,324 ext. citations	13.9 avg, IF	4.35 L-index

#	Paper	IF	Citations
41	Safety and efficacy of the ChAdOx1 nCoV-19 vaccine (AZD1222) against SARS-CoV-2: an interim analysis of four randomised controlled trials in Brazil, South Africa, and the UK. <i>Lancet, The</i> , 2021 , 397, 99-111	40	2110
40	Safety and immunogenicity of the ChAdOx1 nCoV-19 vaccine against SARS-CoV-2: a preliminary report of a phase 1/2, single-blind, randomised controlled trial. <i>Lancet, The</i> , 2020 , 396, 467-478	40	1274
39	Safety and immunogenicity of ChAdOx1 nCoV-19 vaccine administered in a prime-boost regimen in young and old adults (COV002): a single-blind, randomised, controlled, phase 2/3 trial. <i>Lancet, The</i> , 2021 , 396, 1979-1993	40	646
38	T cell and antibody responses induced by a single dose of ChAdOx1 nCoV-19 (AZD1222) vaccine in a phase 1/2 clinical trial. <i>Nature Medicine</i> , 2021 , 27, 270-278	50.5	225
37	Phase 1/2 trial of SARS-CoV-2 vaccine ChAdOx1 nCoV-19 with a booster dose induces multifunctional antibody responses. <i>Nature Medicine</i> , 2021 , 27, 279-288	50.5	135
36	The Clinical Application of MicroRNAs in Infectious Disease. <i>Frontiers in Immunology</i> , 2017 , 8, 1182	8.4	97
35	Non-specific immunological effects of selected routine childhood immunisations: systematic review. <i>BMJ, The</i> , 2016 , 355, i5225	5.9	45
34	Searching for the human genetic factors standing in the way of universally effective vaccines. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370,	5.8	29
33	Characterizing vaccine responses using host genomic and transcriptomic analysis. <i>Clinical Infectious Diseases</i> , 2013 , 57, 860-9	11.6	23
32	A naturally protective epitope of limited variability as an influenza vaccine target. <i>Nature Communications</i> , 2018 , 9, 3859	17.4	23
31	A blood atlas of COVID-19 defines hallmarks of disease severity and specificity.. <i>Cell</i> , 2022 , 185, 916-938.e18	35.8	17
30	Common Genetic Variations Associated with the Persistence of Immunity following Childhood Immunization. <i>Cell Reports</i> , 2019 , 27, 3241-3253.e4	10.6	16
29	The B-cell response to a primary and booster course of MenACWY-CRM vaccine administered at 2, 4 and 12 months of age. <i>Vaccine</i> , 2013 , 31, 2441-8	4.1	15
28	The effect of chronic cytomegalovirus infection on pneumococcal vaccine responses. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1635-41	7	14
27	Seroprevalence and placental transmission of maternal antibodies specific for Neisseria meningitidis Serogroups A, C, Y and W135 and influence of maternal antibodies on the immune response to a primary course of MenACWY-CRM vaccine in the United Kingdom. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, 768-76	3.4	14
26	Tools for Assessing the Protective Efficacy of TB Vaccines in Humans: Mycobacterial Growth Inhibition Predicts Outcome of Mycobacterial Infection. <i>Frontiers in Immunology</i> , 2019 , 10, 2983	8.4	13
25	Single nucleotide polymorphisms in the Toll-like receptor 3 and CD44 genes are associated with persistence of vaccine-induced immunity to the serogroup C meningococcal conjugate vaccine. <i>Vaccine Journal</i> , 2012 , 19, 295-303		13

24	High-dimensional assessment of B-cell responses to quadrivalent meningococcal conjugate and plain polysaccharide vaccine. <i>Genome Medicine</i> , 2017 , 9, 11	14.4	10
23	The use of systems biology and immunological big data to guide vaccine development. <i>Genome Medicine</i> , 2015 , 7, 114	14.4	9
22	Comparative transcriptomics between species attributes reactogenicity pathways induced by the capsular group B meningococcal vaccine, 4CMenB, to the membrane-bound endotoxin of its outer membrane vesicle component. <i>Scientific Reports</i> , 2019 , 9, 13797	4.9	7
21	Simultaneous Viral Whole-Genome Sequencing and Differential Expression Profiling in Respiratory Syncytial Virus Infection of Infants. <i>Journal of Infectious Diseases</i> , 2020 , 222, S666-S671	7	4
20	A blood atlas of COVID-19 defines hallmarks of disease severity and specificity		4
19	Divergent trajectories of antiviral memory after SARS-Cov-2 infection		4
18	Elevated risk of invasive group A streptococcal disease and host genetic variation in the human leucocyte antigen locus. <i>Genes and Immunity</i> , 2020 , 21, 63-70	4.4	3
17	Distinct patterns of within-host virus populations between two subgroups of human respiratory syncytial virus. <i>Nature Communications</i> , 2021 , 12, 5125	17.4	3
16	The effect of H1N1 vaccination on serum miRNA expression in children: A tale of caution for microRNA microarray studies. <i>PLoS ONE</i> , 2019 , 14, e0221143	3.7	2
15	Exonic single nucleotide polymorphisms within TLR3 associated with infant responses to serogroup C meningococcal conjugate vaccine. <i>Vaccine</i> , 2014 , 32, 3424-30	4.1	2
14	Gene expression profiling reveals insights into infant immunological and febrile responses to group B meningococcal vaccine. <i>Molecular Systems Biology</i> , 2020 , 16, e9888	12.2	2
13	Identification of novel locus associated with coronary artery aneurysms and validation of loci for susceptibility to Kawasaki disease. <i>European Journal of Human Genetics</i> , 2021 , 29, 1734-1744	5.3	2
12	Gene expression profiles are different in venous and capillary blood: Implications for vaccine studies. <i>Vaccine</i> , 2016 , 34, 5306-5313	4.1	2
11	Symptom study app provides real-world data on COVID-19 vaccines. <i>Lancet Infectious Diseases</i> , 2021 , 21, 890-891	25.5	2
10	Viral vector vaccines. <i>Current Opinion in Immunology</i> , 2022 , 77, 102210	7.8	2
9	Immunogenicity and Reactogenicity of a Reduced Schedule of a 4-component Capsular Group B Meningococcal Vaccine: A Randomized Controlled Trial in Infants. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa143	1	1
8	Genetic material should be routinely collected in clinical vaccine trials--high consent rates can be achieved across all age groups. <i>Vaccine</i> , 2013 , 31, 2744-8	4.1	1
7	Elevated risk of invasive group A streptococcal disease and host genetic variation in the human leukocyte antigen locus		1

6	Distinct patterns of whole blood transcriptional responses are induced in mice following immunisation with adenoviral and poxviral vector vaccines encoding the same antigen. <i>BMC Genomics</i> , 2021 , 22, 777	4.5	1
5	RNA2HLA: HLA-based quality control of RNA-seq datasets. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	1
4	Divergent trajectories of antiviral memory after SARS-CoV-2 infection.. <i>Nature Communications</i> , 2022 , 13, 1251	17.4	1
3	Changes in epigenetic profiles throughout early childhood and their relationship to the response to pneumococcal vaccination. <i>Clinical Epigenetics</i> , 2021 , 13, 29	7.7	0
2	Host gene signature shows promise to distinguish bacterial and viral infections. <i>The Lancet Digital Health</i> , 2021 , 3, e465-e466	14.4	0
1	Immunogenicity1-8		