

# Alex J Mentzer

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4551022/alex-j-mentzer-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

107  
papers

6,714  
citations

36  
h-index

81  
g-index

132  
ext. papers

10,990  
ext. citations

17.4  
avg, IF

5.35  
L-index

#	Paper	IF	Citations
107	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> , <b>2020</b> , 396, 467-478	40	1274
106	Broad and strong memory CD4 and CD8 T cells induced by SARS-CoV-2 in UK convalescent individuals following COVID-19. <i>Nature Immunology</i> , <b>2020</b> , 21, 1336-1345	19.1	615
105	Evidence of escape of SARS-CoV-2 variant B.1.351 from natural and vaccine-induced sera. <i>Cell</i> , <b>2021</b> , 184, 2348-2361.e6	56.2	549
104	Reduced neutralization of SARS-CoV-2 B.1.617 by vaccine and convalescent serum. <i>Cell</i> , <b>2021</b> , 184, 4220-4236.e13	56.2	216
103	Antibody evasion by the P.1 strain of SARS-CoV-2. <i>Cell</i> , <b>2021</b> , 184, 2939-2954.e9	56.2	281
102	Reduced neutralization of SARS-CoV-2 B.1.1.7 variant by convalescent and vaccine sera. <i>Cell</i> , <b>2021</b> , 184, 2201-2211.e7	56.2	269
101	A genomic history of Aboriginal Australia. <i>Nature</i> , <b>2016</b> , 538, 207-214	50.4	268
100	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> , <b>2021</b> , 27, 270-278	50.5	225
99	Performance characteristics of five immunoassays for SARS-CoV-2: a head-to-head benchmark comparison. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 1390-1400	25.5	212
98	SARS-CoV-2 Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses.. <i>Cell</i> , <b>2022</b> ,	56.2	154
97	Long reads: their purpose and place. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, R234-R241	5.6	146
96	The antigenic anatomy of SARS-CoV-2 receptor binding domain. <i>Cell</i> , <b>2021</b> , 184, 2183-2200.e22	56.2	145
95	Phase 1/2 trial of SARS-CoV-2 vaccine ChAdOx1 nCoV-19 with a booster dose induces multifunctional antibody responses. <i>Nature Medicine</i> , <b>2021</b> , 27, 279-288	50.5	135
94	Differential occupational risks to healthcare workers from SARS-CoV-2 observed during a prospective observational study. <i>ELife</i> , <b>2020</b> , 9,	8.9	122
93	Antibody testing for COVID-19: A report from the National COVID Scientific Advisory Panel. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 139	4.8	120
92	The Duration, Dynamics, and Determinants of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibody Responses in Individual Healthcare Workers. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e699-e709	11.6	120
91	Distinguishing orofacial granulomatosis from crohnQ disease: two separate disease entities?. <i>Inflammatory Bowel Diseases</i> , <b>2011</b> , 17, 2109-15	4.5	86

90	Uganda Genome Resource Enables Insights into Population History and Genomic Discovery in Africa. <i>Cell</i> , <b>2019</b> , 179, 984-1002.e36	56.2	76
89	Association between a common immunoglobulin heavy chain allele and rheumatic heart disease risk in Oceania. <i>Nature Communications</i> , <b>2017</b> , 8, 14946	17.4	74
88	Development and validation of the ISARIC 4C Deterioration model for adults hospitalised with COVID-19: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, 349-359	35.1	70
87	Immunogenicity of standard and extended dosing intervals of BNT162b2 mRNA vaccine. <i>Cell</i> , <b>2021</b> , 184, 5699-5714.e11	56.2	64
86	Th1/Th17 polarization persists following whole-cell pertussis vaccination despite repeated acellular boosters. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 3853-3865	15.9	61
85	SARS-CoV-2 RNA detected in blood products from patients with COVID-19 is not associated with infectious virus. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 181	4.8	60
84	High-Accuracy HLA Type Inference from Whole-Genome Sequencing Data Using Population Reference Graphs. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1005151	5	60
83	Population Turnover in Remote Oceania Shortly after Initial Settlement. <i>Current Biology</i> , <b>2018</b> , 28, 1157-1165.e35	6.3	57
82	Antibody testing for COVID-19: A report from the National COVID Scientific Advisory Panel		55
81	Language continuity despite population replacement in Remote Oceania. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 731-740	12.3	50
80	HLA*LA-HLA typing from linearly projected graph alignments. <i>Bioinformatics</i> , <b>2019</b> , 35, 4394-4396	7.2	42
79	Two doses of SARS-CoV-2 vaccination induce robust immune responses to emerging SARS-CoV-2 variants of concern. <i>Nature Communications</i> , <b>2021</b> , 12, 5061	17.4	42
78	Experience with anti-TNF- $\alpha$ therapy for orofacial granulomatosis. <i>Journal of Oral Pathology and Medicine</i> , <b>2011</b> , 40, 14-9	3.3	40
77	Optimizing the use of thiopurines in inflammatory bowel disease. <i>Therapeutic Advances in Chronic Disease</i> , <b>2015</b> , 6, 138-46	4.9	38
76	Antibodies Against Chlamydia trachomatis and Ovarian Cancer Risk in Two Independent Populations. <i>Journal of the National Cancer Institute</i> , <b>2019</b> , 111, 129-136	9.7	38
75	SARS-CoV-2 RNA detected in blood products from patients with COVID-19 is not associated with infectious virus. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 181	4.8	38
74	Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. <i>Nature Communications</i> , <b>2019</b> , 10, 2176	17.4	37
73	T cell assays differentiate clinical and subclinical SARS-CoV-2 infections from cross-reactive antiviral responses. <i>Nature Communications</i> , <b>2021</b> , 12, 2055	17.4	37

72	Detection of neutralising antibodies to SARS-CoV-2 to determine population exposure in Scottish blood donors between March and May 2020. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	36
71	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> , <b>2015</b> , 370,	5.8	29
70	A Neolithic expansion, but strong genetic structure, in the independent history of New Guinea. <i>Science</i> , <b>2017</b> , 357, 1160-1163	33.3	29
69	T-cell and antibody responses to first BNT162b2 vaccine dose in previously infected and SARS-CoV-2-naive UK health-care workers: a multicentre prospective cohort study. <i>Lancet Microbe</i> , <b>2021</b> ,	22.2	29
68	Native American gene flow into Polynesia predating Easter Island settlement. <i>Nature</i> , <b>2020</b> , 583, 572-577	30.4	28
67	Validation of Multiplex Serology detecting human herpesviruses 1-5. <i>PLoS ONE</i> , <b>2018</b> , 13, e0209379	3.7	28
66	Host genetics and infectious disease: new tools, insights and translational opportunities. <i>Nature Reviews Genetics</i> , <b>2021</b> , 22, 137-153	30.1	27
65	Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses. <b>2021</b> ,		25
64	A haemagglutination test for rapid detection of antibodies to SARS-CoV-2. <i>Nature Communications</i> , <b>2021</b> , 12, 1951	17.4	25
63	Estimating the burden of iron deficiency among African children. <i>BMC Medicine</i> , <b>2020</b> , 18, 31	11.4	21
62	An immunodominant NP-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. <i>Nature Immunology</i> , <b>2021</b> ,	19.1	19
61	Iron Status and Associated Malaria Risk Among African Children. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, 1807-1814	11.6	19
60	The impact of prenatal exposure to parasitic infections and to anthelmintic treatment on antibody responses to routine immunisations given in infancy: Secondary analysis of a randomised controlled trial. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005213	4.8	16
59	Genome-Wide Association Study Reveals Genetic Link between Diarrhea-Associated <i>Entamoeba histolytica</i> Infection and Inflammatory Bowel Disease. <i>MBio</i> , <b>2018</b> , 9,	7.8	16
58	Reduced Ebola vaccine responses in CMV+ young adults is associated with expansion of CD57+KLRG1+ T cells. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	15
57	The First Norovirus Longitudinal Seroepidemiological Study From Sub-Saharan Africa Reveals High Seroprevalence of Diverse Genotypes Associated With Host Susceptibility Factors. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, 716-725	7	14
56	The antibody response to SARS-CoV-2 Beta underscores the antigenic distance to other variants.. <i>Cell Host and Microbe</i> , <b>2021</b> ,	23.4	14
55	Antibody evasion by the Brazilian P.1 strain of SARS-CoV-2		14

54	The ferroportin Q248H mutation protects from anemia, but not malaria or bacteremia. <i>Science Advances</i> , <b>2019</b> , 5, eaaw0109	14.3	13
53	Conservation, Extensive Heterozygosity, and Convergence of Signaling Potential All Indicate a Critical Role for KIR3DL3 in Higher Primates. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 24	8.4	13
52	Genome-Wide Association Study of Cryptosporidiosis in Infants Implicates. <i>MBio</i> , <b>2020</b> , 11,	7.8	12
51	Multiplex genomewide association analysis of breast milk fatty acid composition extends the phenotypic association and potential selection of variants to arachidonic acid, a critical infant micronutrient. <i>Journal of Medical Genetics</i> , <b>2018</b> , 55, 459-468	5.8	12
50	The impact of viral mutations on recognition by SARS-CoV-2 specific T cells. <i>iScience</i> , <b>2021</b> , 24, 103353	6.1	12
49	Is it all cerebral toxoplasmosis?. <i>Lancet, The</i> , <b>2012</b> , 379, 286	4.0	11
48	Identification of host-pathogen-disease relationships using a scalable Multiplex Serology platform in UK Biobank		11
47	Defects in mTR stability and telomerase activity produced by the Dkc1 A353V mutation in dyskeratosis congenita are rescued by a peptide from the dyskerin TruB domain. <i>Clinical and Translational Oncology</i> , <b>2012</b> , 14, 755-63	3.6	10
46	SARS-CoV-2 RNA detected in blood samples from patients with COVID-19 is not associated with infectious virus		10
45	Characterization of human papillomavirus (HPV) 16 E6 seropositive individuals without HPV-associated malignancies after 10 years of follow-up in the UK Biobank. <i>EBioMedicine</i> , <b>2020</b> , 62, 103123	8.8	10
44	Validation of Multiplex Serology for human hepatitis viruses B and C, human T-lymphotropic virus 1 and <i>Toxoplasma gondii</i> . <i>PLoS ONE</i> , <b>2019</b> , 14, e0210407	3.7	10
43	Genetic variation in is associated with bacteremia secondary to diverse pathogens in African children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E3601-E3603	11.5	10
42	Genetic Association Analysis Reveals Differences in the Contribution of NOD2 Variants to the Clinical Phenotypes of Orofacial Granulomatosis. <i>Inflammatory Bowel Diseases</i> , <b>2016</b> , 22, 1552-8	4.5	9
41	SARS-CoV-2 antibody prevalence, titres and neutralising activity in an antenatal cohort, United Kingdom, 14 April to 15 June 2020. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	9
40	Distinct genetic architectures and environmental factors associate with host response to the $\alpha$ -herpesvirus infections. <i>Nature Communications</i> , <b>2020</b> , 11, 3849	17.4	9
39	Paths and timings of the peopling of Polynesia inferred from genomic networks. <i>Nature</i> , <b>2021</b> , 597, 522-524	52.4	9
38	Malaria is a cause of iron deficiency in African children. <i>Nature Medicine</i> , <b>2021</b> , 27, 653-658	50.5	8
37	T cell assays differentiate clinical and subclinical SARS-CoV-2 infections from cross-reactive antiviral responses	7	

36	Blood pressure risk factors in early adolescents: results from a Ugandan birth cohort. <i>Journal of Human Hypertension</i> , <b>2019</b> , 33, 679-692	2.6	6
35	A genome-wide association and replication study of blood pressure in Ugandan early adolescents. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2019</b> , 7, e00950	2.3	6
34	Genetic, lifestyle, and health-related characteristics of adults without celiac disease who follow a gluten-free diet: a population-based study of 124,447 participants. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 113, 622-629	7	6
33	Differential occupational risks to healthcare workers from SARS-CoV-2: A prospective observational study		6
32	A haemagglutination test for rapid detection of antibodies to SARS-CoV-2		6
31	Fatal COVID-19 outcomes are associated with an antibody response targeting epitopes shared with endemic coronaviruses		6
30	Discovery and validation of a three-gene signature to distinguish COVID-19 and other viral infections in emergency infectious disease presentations: a case-control and observational cohort study. <i>Lancet Microbe</i> , <b>2021</b> , 2, e594-e603	22.2	5
29	Author response: Differential occupational risks to healthcare workers from SARS-CoV-2 observed during a prospective observational study <b>2020</b> ,		4
28	A blood atlas of COVID-19 defines hallmarks of disease severity and specificity		4
27	Divergent trajectories of antiviral memory after SARS-Cov-2 infection		4
26	Iron Deficiency Is Associated With Reduced Levels of Plasmodium falciparum-specific Antibodies in African Children. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, 43-49	11.6	3
25	Serum calprotectin is not an independent predictor of severe COVID-19 in ambulatory adult patients. <i>Journal of Infection</i> , <b>2021</b> ,	18.9	3
24	The impact of viral mutations on recognition by SARS-CoV-2 specific T-cells		3
23	Host Genome-Wide Association Study of Infant Susceptibility to -Associated Diarrhea. <i>Infection and Immunity</i> , <b>2021</b> , 89,	3.7	3
22	Elevated risk of invasive group A streptococcal disease and host genetic variation in the human leucocyte antigen locus. <i>Genes and Immunity</i> , <b>2020</b> , 21, 63-70	4.4	3
21	Further antibody escape by Omicron BA.4 and BA.5 from vaccine and BA.1 serum		3
20	The Human Leukocyte Antigen Locus and Rheumatic Heart Disease Susceptibility in South Asians and Europeans. <i>Scientific Reports</i> , <b>2020</b> , 10, 9004	4.9	2
19	Cohort study protocol: Bioresource in Adult Infectious Diseases (BioAID). <i>Wellcome Open Research</i> , <b>2018</b> , 3, 97	4.8	2

18	□□The Antigenic Anatomy of SARS-CoV-2 Receptor Binding Domain. <i>SSRN Electronic Journal</i> ,	1	2
17	The Human Leukocyte Antigen Locus and Susceptibility to Rheumatic Heart Disease in South Asians and Europeans		2
16	HLA*PRG:LA □HLA typing from linearly projected graph alignments		2
15	Pre-existing asthma as a comorbidity does not modify cytokine responses and severity of COVID-19. <i>Allergy, Asthma and Clinical Immunology</i> , <b>2021</b> , 17, 67	3.2	2
14	Reduced Neutralization of SARS-CoV-2 B.1.1.7 Variant from Naturally Acquired and Vaccine Induced Antibody Immunity. <i>SSRN Electronic Journal</i> ,	1	2
13	Yellow fever vaccine-associated viscerotropic disease in a 62-year-old British traveller: a case report. <i>Journal of Travel Medicine</i> , <b>2020</b> , 27,	12.9	1
12	Elevated risk of invasive group A streptococcal disease and host genetic variation in the human leukocyte antigen locus		1
11	Prevalence and predictors of vitamin D deficiency in young African children. <i>BMC Medicine</i> , <b>2021</b> , 19, 115	11.4	1
10	Human genomics of the humoral immune response against polyomaviruses. <i>Virus Evolution</i> , <b>2021</b> , 7, veab058	3.7	1
9	Human cytomegalovirus and risk of incident cardiovascular disease in UK Biobank. <i>Journal of Infectious Diseases</i> , <b>2021</b> ,	7	1
8	Divergent trajectories of antiviral memory after SARS-CoV-2 infection.. <i>Nature Communications</i> , <b>2022</b> , 13, 1251	17.4	1
7	Identification of host-pathogen-disease relationships using a scalable multiplex serology platform in UK Biobank.. <i>Nature Communications</i> , <b>2022</b> , 13, 1818	17.4	1
6	Imputation Performance in Latin American Populations: Improving Rare Variants Representation With the Inclusion of Native American Genomes.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 719791	4.5	0
5	In vivo negative regulation of SARS-CoV-2 receptor, ACE2, by interferons and its genetic control. <i>Wellcome Open Research</i> , <b>6</b> , 47	4.8	0
4	Genome-Wide Association Study of CampylobacterPositive Diarrhea Identifies Genes Involved in Toxin Processing and Inflammatory Response.. <i>MBio</i> , <b>2022</b> , e0055622	7.8	0
3	Sero-prevalence of 19 infectious pathogens and associated factors among middle-aged and elderly Chinese adults: a cross-sectional study.. <i>BMJ Open</i> , <b>2022</b> , 12, e058353	3	0
2	A mass in the liver. <i>BMJ, The</i> , <b>2013</b> , 346, f2036	5.9	
1	Implementation and Extended Evaluation of the Euroimmun Anti-SARS-CoV-2 IgG Assay and Its Contribution to the United Kingdom COVID-19 Public Health Response.. <i>Microbiology Spectrum</i> , <b>2022</b> , 10, e0228921	8.9	

