CÃ©cile A C M Van Els

List of Publications by Year
in descending order

38 papers	1,128 citations	430754 18 h-index	414303 32 g-index
39 all docs	39 docs citations	39 times ranked	1923 citing authors

#	Article	IF	Citations
1	Reduced Bordetella pertussis-specific CD4+ T-Cell Responses at Older Age. Frontiers in Aging, 2022, 2, .	1.2	3
2	Humoral responses after second and third SARS-CoV-2 vaccination in patients with immune-mediated inflammatory disorders on immunosuppressants: a cohort study. Lancet Rheumatology, The, 2022, 4, e338-e350.	2.2	88
3	Immunogenicity after second and third mRNA-1273 vaccination doses in patients receiving chemotherapy, immunotherapy, or both for solid tumours. Lancet Oncology, The, 2022, 23, 833-835.	5.1	18
4	COVID-19 vaccination: the VOICE for patients with cancer. Nature Medicine, 2021, 27, 568-569.	15.2	53
5	Genetic Analysis Reveals Differences in CD8+ T Cell Epitope Regions That May Impact Cross-Reactivity of Vaccine-Induced T Cells against Wild-Type Mumps Viruses. Vaccines, 2021, 9, 699.	2.1	4
6	Novel mumps virus epitopes reveal robust cytotoxic T cell responses after natural infection but not after vaccination. Scientific Reports, 2021, 11, 13664.	1.6	5
7	mRNA-1273 COVID-19 vaccination in patients receiving chemotherapy, immunotherapy, or chemoimmunotherapy for solid tumours: a prospective, multicentre, non-inferiority trial. Lancet Oncology, The, 2021, 22, 1681-1691.	5.1	118
8	Longitudinal Characterization of the Mumps-Specific HLA-A2 Restricted T-Cell Response after Mumps Virus Infection. Vaccines, 2021, 9, 1431.	2.1	1
9	Acellular Pertussis Vaccines Induce Anti-pertactin Bactericidal Antibodies Which Drives the Emergence of Pertactin-Negative Strains. Frontiers in Microbiology, 2020, 11, 2108.	1.5	27
10	Uncovering Distinct Primary Vaccination-Dependent Profiles in Human Bordetella pertussis Specific CD4+ T-Cell Responses Using a Novel Whole Blood Assay. Vaccines, 2020, 8, 225.	2.1	11
11	Age Distribution of Multiple Functionally Relevant Subsets of CD4+ T Cells in Human Blood Using a Standardized and Validated 14-Color EuroFlow Immune Monitoring Tube. Frontiers in Immunology, 2020, 11, 166.	2.2	39
12	Vaccines to Protect Older Adults against Pneumococcal Disease. Interdisciplinary Topics in Gerontology and Geriatrics, 2020, 43, 113-130.	2.6	7
13	Superior B. pertussis Specific CD4+ T-Cell Immunity Imprinted by Natural Infection. Advances in Experimental Medicine and Biology, 2019, 1183, 81-98.	0.8	8
14	Identification of Naturally Processed Mumps Virus Epitopes by Mass Spectrometry: Confirmation of Multiple CD8+ T-Cell Responses in Mumps Patients. Journal of Infectious Diseases, 2019, 221, 474-482.	1.9	8
15	Prediction and Validation of Immunogenic Domains of Pneumococcal Proteins Recognized by Human CD4⁺T Cells. Infection and Immunity, 2019, 87, .	1.0	13
16	The Human CD4⁺T Cell Response against Mumps Virus Targets a Broadly Recognized Nucleoprotein Epitope. Journal of Virology, 2019, 93, .	1.5	11
17	PERISCOPE: road towards effective control of pertussis. Lancet Infectious Diseases, The, 2019, 19, e179-e186.	4.6	67
18	Mumps infection but not childhood vaccination induces persistent polyfunctional CD8 + T-cell memory. Journal of Allergy and Clinical Immunology, 2018, 141, 1908-1911.e12.	1.5	21

#	ARTICLE	IF	CITATIONS
19	The SysteMHC Atlas project. Nucleic Acids Research, 2018, 46, D1237-D1247.	6.5	119
20	Vaccine antigens modulate the innate response of monocytes to Al(OH)3. PLoS ONE, 2018, 13, e0197885.	1.1	11
21	Immunodominance in T cell responses elicited against different domains of detoxified pneumolysin PlyD1. PLoS ONE, 2018, 13, e0193650.	1.1	5
22	Arginine (Di)methylated Human Leukocyte Antigen Class I Peptides Are Favorably Presented by HLA-B*07. Journal of Proteome Research, 2017, 16, 34-44.	1.8	29
23	Mumps-specific cross-neutralization by MMR vaccine-induced antibodies predicts protection against mumps virus infection. Vaccine, 2016, 34, 4166-4171.	1.7	35
24	Transcriptome signature for dampened Th2 dominance in acellular pertussis vaccine-induced CD4+ T cell responses through TLR4 ligation. Scientific Reports, 2016, 6, 25064.	1.6	18
25	Development of an IFNÎ³ ELISPOT for the analysis of the human T cell response against mumps virus. Journal of Immunological Methods, 2016, 431, 52-59.	0.6	8
26	Association of Vitamin D Receptor Polymorphism with Susceptibility to Symptomatic Pertussis. PLoS ONE, 2016, 11, e0149576.	1.1	9
27	Measles Virus Epitope Presentation by HLA: Novel Insights into Epitope Selection, Dominance, and Microvariation. Frontiers in Immunology, 2015, 6, 546.	2.2	23
28	Comprehensive Analysis of the Naturally Processed Peptide Repertoire: Differences between HLA-A and B in the Immunopeptidome. PLoS ONE, 2015, 10, e0136417.	1.1	55
29	Bordetella pertussis Naturally Occurring Isolates with Altered Lipooligosaccharide Structure Fail To Fully Mature Human Dendritic Cells. Infection and Immunity, 2015, 83, 227-238.	1.0	18
30	Identification of Pertussis-Specific Effector Memory T Cells in Preschool Children. Vaccine Journal, 2015, 22, 561-569.	3.2	23
31	Differential B-Cell Memory Around the 11-Month Booster in Children Vaccinated With a 10- or 13-Valent Pneumococcal Conjugate Vaccine. Clinical Infectious Diseases, 2015, 61, 342-349.	2.9	16
32	Extended O-GlcNAc on HLA Class-I-Bound Peptides. Journal of the American Chemical Society, 2015, 137, 10922-10925.	6.6	72
33	Fast vaccine design and development based on correlates of protection (COPs): Influenza as a trendsetter. Human Vaccines and Immunotherapeutics, 2014, 10, 1935-1948.	1.4	16
34	Mumps Serum Antibody Levels Before and After an Outbreak to Assess Infection and Immunity in Vaccinated Students. Open Forum Infectious Diseases, 2014, 1, ofu101.	0.4	26
35	Toward Understanding the Essence of Post-Translational Modifications for the Mycobacterium tuberculosis Immunoproteome. Frontiers in Immunology, 2014, 5, 361.	2.2	35
36	Loss of Multi-Epitope Specificity in Memory CD4+ T Cell Responses to B. Pertussis with Age. PLoS ONE, 2013, 8, e83583.	1.1	11

#	Article	IF	Citations
37	Resurgence of pertussis calls for re-evaluation of pertussis animal models. Expert Review of Vaccines, 2012, 11, 1121-1137.	2.0	29
38	A single naturally processed measles virus peptide fully dominates the HLA-A*0201-associated peptide display and is mutated at its anchor position in persistent viral strains. European Journal of Immunology, 2000, 30, 1172-1181.	1.6	68