

CÃ©cile A C M Van Els

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8136574/publications.pdf>

Version: 2024-02-01

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	The SysteMHC Atlas project. <i>Nucleic Acids Research</i> , 2018, 46, D1237-D1247.	6.5	119
2	mRNA-1273 COVID-19 vaccination in patients receiving chemotherapy, immunotherapy, or chemoimmunotherapy for solid tumours: a prospective, multicentre, non-inferiority trial. <i>Lancet Oncology</i> , The, 2021, 22, 1681-1691.	5.1	118
3	Humoral responses after second and third SARS-CoV-2 vaccination in patients with immune-mediated inflammatory disorders on immunosuppressants: a cohort study. <i>Lancet Rheumatology</i> , The, 2022, 4, e338-e350.	2.2	88
4	Extended O-GlcNAc on HLA Class-I-Bound Peptides. <i>Journal of the American Chemical Society</i> , 2015, 137, 10922-10925.	6.6	72
5	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. <i>European Journal of Immunology</i> , 2000, 30, 1172-1181.	1.6	68
6	PERISCOPE: road towards effective control of pertussis. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e179-e186.	4.6	67
7	Comprehensive Analysis of the Naturally Processed Peptide Repertoire: Differences between HLA-A and B in the Immunopeptidome. <i>PLoS ONE</i> , 2015, 10, e0136417.	1.1	55
8	COVID-19 vaccination: the VOICE for patients with cancer. <i>Nature Medicine</i> , 2021, 27, 568-569.	15.2	53
9	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. <i>Frontiers in Immunology</i> , 2020, 11, 166.	2.2	39
10	Toward Understanding the Essence of Post-Translational Modifications for the Mycobacterium tuberculosis Immunoproteome. <i>Frontiers in Immunology</i> , 2014, 5, 361.	2.2	35
11	Mumps-specific cross-neutralization by MMR vaccine-induced antibodies predicts protection against mumps virus infection. <i>Vaccine</i> , 2016, 34, 4166-4171.	1.7	35
12	Resurgence of pertussis calls for re-evaluation of pertussis animal models. <i>Expert Review of Vaccines</i> , 2012, 11, 1121-1137.	2.0	29
13	Arginine (Di)methylated Human Leukocyte Antigen Class I Peptides Are Favorably Presented by HLA-B*07. <i>Journal of Proteome Research</i> , 2017, 16, 34-44.	1.8	29
14	Acellular Pertussis Vaccines Induce Anti-pertactin Bactericidal Antibodies Which Drives the Emergence of Pertactin-Negative Strains. <i>Frontiers in Microbiology</i> , 2020, 11, 2108.	1.5	27
15	Mumps Serum Antibody Levels Before and After an Outbreak to Assess Infection and Immunity in Vaccinated Students. <i>Open Forum Infectious Diseases</i> , 2014, 1, ofu101.	0.4	26
16	Measles Virus Epitope Presentation by HLA: Novel Insights into Epitope Selection, Dominance, and Microvariation. <i>Frontiers in Immunology</i> , 2015, 6, 546.	2.2	23
17	Identification of Pertussis-Specific Effector Memory T Cells in Preschool Children. <i>Vaccine Journal</i> , 2015, 22, 561-569.	3.2	23
18	Mumps infection but not childhood vaccination induces persistent polyfunctional CD8 + T-cell memory. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1908-1911.e12.	1.5	21

#	ARTICLE	IF	CITATIONS
19	Bordetella pertussis Naturally Occurring Isolates with Altered Lipooligosaccharide Structure Fail To Fully Mature Human Dendritic Cells. <i>Infection and Immunity</i> , 2015, 83, 227-238.	1.0	18
20	Transcriptome signature for dampened Th2 dominance in acellular pertussis vaccine-induced CD4+ T cell responses through TLR4 ligation. <i>Scientific Reports</i> , 2016, 6, 25064.	1.6	18
21	Immunogenicity after second and third mRNA-1273 vaccination doses in patients receiving chemotherapy, immunotherapy, or both for solid tumours. <i>Lancet Oncology</i> , The, 2022, 23, 833-835.	5.1	18
22	Fast vaccine design and development based on correlates of protection (COPs): Influenza as a trendsetter. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 1935-1948.	1.4	16
23	Differential B-Cell Memory Around the 11-Month Booster in Children Vaccinated With a 10- or 13-Valent Pneumococcal Conjugate Vaccine. <i>Clinical Infectious Diseases</i> , 2015, 61, 342-349.	2.9	16
24	Prediction and Validation of Immunogenic Domains of Pneumococcal Proteins Recognized by Human CD4 ⁺ T Cells. <i>Infection and Immunity</i> , 2019, 87, .	1.0	13
25	Loss of Multi-Epitope Specificity in Memory CD4+ T Cell Responses to B. Pertussis with Age. <i>PLoS ONE</i> , 2013, 8, e83583.	1.1	11
26	Vaccine antigens modulate the innate response of monocytes to Al(OH) ₃ . <i>PLoS ONE</i> , 2018, 13, e0197885.	1.1	11
27	The Human CD4 ⁺ T Cell Response against Mumps Virus Targets a Broadly Recognized Nucleoprotein Epitope. <i>Journal of Virology</i> , 2019, 93, .	1.5	11
28	Uncovering Distinct Primary Vaccination-Dependent Profiles in Human Bordetella pertussis Specific CD4+ T-Cell Responses Using a Novel Whole Blood Assay. <i>Vaccines</i> , 2020, 8, 225.	2.1	11
29	Association of Vitamin D Receptor Polymorphism with Susceptibility to Symptomatic Pertussis. <i>PLoS ONE</i> , 2016, 11, e0149576.	1.1	9
30	Development of an IFN γ ELISPOT for the analysis of the human T cell response against mumps virus. <i>Journal of Immunological Methods</i> , 2016, 431, 52-59.	0.6	8
31	Superior B. pertussis Specific CD4+ T-Cell Immunity Imprinted by Natural Infection. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1183, 81-98.	0.8	8
32	Identification of Naturally Processed Mumps Virus Epitopes by Mass Spectrometry: Confirmation of Multiple CD8+ T-Cell Responses in Mumps Patients. <i>Journal of Infectious Diseases</i> , 2019, 221, 474-482.	1.9	8
33	Vaccines to Protect Older Adults against Pneumococcal Disease. <i>Interdisciplinary Topics in Gerontology and Geriatrics</i> , 2020, 43, 113-130.	2.6	7
34	Immunodominance in T cell responses elicited against different domains of detoxified pneumolysin PlyD1. <i>PLoS ONE</i> , 2018, 13, e0193650.	1.1	5
35	Novel mumps virus epitopes reveal robust cytotoxic T cell responses after natural infection but not after vaccination. <i>Scientific Reports</i> , 2021, 11, 13664.	1.6	5
36	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. <i>Vaccines</i> , 2021, 9, 699.	2.1	4

#	ARTICLE	IF	CITATIONS
37	Reduced Bordetella pertussis-specific CD4+ T-Cell Responses at Older Age. <i>Frontiers in Aging</i> , 2022, 2, .	1.2	3
38	Longitudinal Characterization of the Mumps-Specific HLA-A2 Restricted T-Cell Response after Mumps Virus Infection. <i>Vaccines</i> , 2021, 9, 1431.	2.1	1