

# Alessandro Sette

## List of Publications by Year in descending order

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Version: 2024-02-01

704  
papers

78,779  
citations

403

137  
h-index

1082

240  
g-index

773  
all docs

773  
docs citations

773  
times ranked

60413  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Safety and Immunogenicity of an Inactivated Severe Acute Respiratory Syndrome Coronavirus 2 Vaccine in a Subgroup of Healthy Adults in Chile. <i>Clinical Infectious Diseases</i> , 2022, 75, e792-e804.    | 2.9  | 73        |
| 2  | T cells, $\alpha$ -synuclein and Parkinson disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, 184, 439-455.   | 1.0  | 8         |
| 3  | Dichotomy between the humoral and cellular responses elicited by mRNA and adenoviral vector vaccines against SARS-CoV-2. <i>BMC Medicine</i> , 2022, 20, 32.  | 2.3  | 7         |
| 4  | Involvement of Th1Th17 Cell Subpopulations in the Immune Responses of Mothers Who Gave Birth to Children with Congenital Zika Syndrome (CZS). <i>Viruses</i> , 2022, 14, 250.                               | 1.5  | 1         |
| 5  | Minimal Information about MHC Multimers (MIAMM). <i>Journal of Immunology</i> , 2022, 208, 531-537.   | 0.4  | 0         |
| 6  | Ancestral SARS-CoV-2-specific T cells cross-recognize the Omicron variant. <i>Nature Medicine</i> , 2022, 28, 472-476.  | 15.2 | 333       |
| 7  | A Population of CD4+CD8+ Double-Positive T Cells Associated with Risk of Plasma Leakage in Dengue Viral Infection. <i>Viruses</i> , 2022, 14, 90.   | 1.5  | 8         |
| 8  | T cell responses to SARS-CoV-2 spike cross-recognize Omicron. <i>Nature</i> , 2022, 603, 488-492.   | 13.7 | 430       |
| 9  | Lack of evidence of significant homology of SARS-CoV-2 spike sequences to myocarditis-associated antigens. <i>EBioMedicine</i> , 2022, 75, 103807.  | 2.7  | 21        |
| 10 | Trans-ancestral fine-mapping of MHC reveals key amino acids associated with spontaneous clearance of hepatitis C in HLA-DQ1 <sup>21</sup> . <i>American Journal of Human Genetics</i> , 2022, 109, 299-310. | 2.6  | 6         |
| 11 | SARS-CoV-2 vaccination induces immunological T cell memory able to cross-recognize variants from Alpha to Omicron. <i>Cell</i> , 2022, 185, 847-859.e11.  | 13.5 | 590       |
| 12 | Limited induction of SARS-CoV-2-specific T cell responses in children with multisystem inflammatory syndrome compared with COVID-19. <i>JCI Insight</i> , 2022, 7, .  | 2.3  | 17        |
| 13 | Current Understanding of the Role of T Cells in Chikungunya, Dengue and Zika Infections. <i>Viruses</i> , 2022, 14, 242.  | 1.5  | 13        |
| 14 | Germinal center responses to SARS-CoV-2 mRNA vaccines in healthy and immunocompromised individuals. <i>Cell</i> , 2022, 185, 1008-1024.e15.   | 13.5 | 101       |
| 15 | Combined assessment of MHC binding and antigen abundance improves T cell epitope predictions. <i>IScience</i> , 2022, 25, 103850.   | 1.9  | 13        |
| 16 | Development of a T cell-based immunodiagnostic system to effectively distinguish SARS-CoV-2 infection and COVID-19 vaccination status. <i>Cell Host and Microbe</i> , 2022, 30, 388-399.e3.                 | 5.1  | 26        |
| 17 | Divergent SARS-CoV-2 Omicron-reactive T and B cell responses in COVID-19 vaccine recipients. <i>Science Immunology</i> , 2022, 7, eabo2202.   | 5.6  | 337       |
| 18 | Robust T-Cell Responses in Anti-CD20-Treated Patients Following COVID-19 Vaccination: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2022, 75, e1037-e1045.                              | 2.9  | 90        |

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|----|--|------|-----------|
| 19 | Omicron-Specific Cytotoxic T-Cell Responses After a Third Dose of mRNA COVID-19 Vaccine Among Patients With Multiple Sclerosis Treated With Ocrelizumab. <i>JAMA Neurology</i> , 2022, 79, 399.                                    | 4.5  | 67        |
| 20 | Transcriptional analysis of peripheral memory T cells reveals Parkinson's disease-specific gene signatures. <i>Npj Parkinson's Disease</i> , 2022, 8, 30.  | 2.5  | 20        |
| 21 | Defining the risk of SARS-CoV-2 variants on immune protection. <i>Nature</i> , 2022, 605, 640-652.   | 13.7 | 117       |
| 22 | Putative Protective Role of Sars-Cov-2-Specific T Cells in an HCT Patient Transplanted during Active COVID19 Infection. <i>Transplantation and Cellular Therapy</i> , 2022, 28, S359-S360.   | 0.6  | 0         |
| 23 | Preserved SARS-CoV-2 Vaccine Cell-Mediated Immunogenicity in Patients With Inflammatory Bowel Disease on Immune-Modulating Therapies. <i>Clinical and Translational Gastroenterology</i> , 2022, 13, e00484.                       | 1.3  | 8         |
| 24 | Mild SARS-CoV-2 infection in rhesus macaques is associated with viral control prior to antigen-specific T cell responses in tissues. <i>Science Immunology</i> , 2022, 7, eabo0535.  | 5.6  | 17        |
| 25 | Deciphering the quality of SARS-CoV-2 specific T cell response associated with disease severity, immune memory and heterologous response. <i>Clinical and Translational Medicine</i> , 2022, 12, e802.                             | 1.7  | 8         |
| 26 | Observations and perspectives on adaptive immunity to SARS-CoV-2. <i>Clinical Infectious Diseases</i> , 2022, , .  | 2.9  | 10        |
| 27 | Transcriptomics of Acute DENV-Specific CD8+ T Cells Does Not Support Qualitative Differences as Drivers of Disease Severity. <i>Vaccines</i> , 2022, 10, 612.  | 2.1  | 6         |
| 28 | Humoral and cellular responses to spike of SARS-CoV-2 variant in vaccinated patients with immune-mediated inflammatory diseases. <i>International Journal of Infectious Diseases</i> , 2022, 121, 24-30.                           | 1.5  | 21        |
| 29 | Single cell transcriptomics and TCR reconstruction reveal CD4 T cell response to MHC-II-restricted APOB epitope in human cardiovascular disease. , 2022, 1, 462-475.   |      | 16        |
| 30 | An efficient immunoassay for the B cell help function of SARS-CoV-2-specific memory CD4+ T cells. <i>Cell Reports Methods</i> , 2022, 2, 100224.   | 1.4  | 5         |
| 31 | Inducing broad-based immunity against viruses with pandemic potential. <i>Immunity</i> , 2022, 55, 738-748.  | 6.6  | 16        |
| 32 | SARS-CoV-2 Omicron variant escapes neutralizing antibodies and T cell responses more efficiently than other variants in mild COVID-19 convalescents. <i>Cell Reports Medicine</i> , 2022, 3, 100651.                               | 3.3  | 24        |
| 33 | Heterologous ChAdOx1/BNT162b2 vaccination induces stronger immune response than homologous ChAdOx1 vaccination: The pragmatic, multi-center, three-arm, partially randomized HEVACC trial. <i>EBioMedicine</i> , 2022, 80, 104073. | 2.7  | 28        |
| 34 | Humoral and Cellular Response to Spike of Delta SARS-CoV-2 Variant in Vaccinated Patients With Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2022, 13, .   | 1.1  | 18        |
| 35 | CD4 T cells are rapidly depleted from tuberculosis granulomas following acute SIV co-infection. <i>Cell Reports</i> , 2022, 39, 110896.  | 2.9  | 15        |
| 36 | Bioinformatic and Experimental Analysis of T Cell Immune Reactivity to SARS-CoV-2 and its Variants. <i>Frontiers in Bioinformatics</i> , 2022, 2, .  | 1.0  | 6         |

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|----|---|------|-----------|
| 37 | Humoral and cellular immune memory to four COVID-19 vaccines. <i>Cell</i> , 2022, 185, 2434-2451.e17.   | 13.5 | 289       |
| 38 | Central and Peripheral Inflammation: Connecting the Immune Responses of Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2022, 12, S129-S136.   | 1.5  | 9         |
| 39 | Inactivated whole-virion vaccine BBV152/Covaxin elicits robust cellular immune memory to SARS-CoV-2 and variants of concern. <i>Nature Microbiology</i> , 2022, 7, 974-985.   | 5.9  | 30        |
| 40 | Immunological memory to SARS-CoV-2 infection and COVID-19 vaccines. <i>Immunological Reviews</i> , 2022, 310, 27-46.  | 2.8  | 137       |
| 41 | Predicting the Success of Fmoc-Based Peptide Synthesis. <i>ACS Omega</i> , 2022, 7, 23771-23781.  | 1.6  | 6         |
| 42 | Early and Polyantigenic CD4 T Cell Responses Correlate with Mild Disease in Acute COVID-19 Donors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7155.   | 1.8  | 31        |
| 43 | Immunodominant MHC-II (Major Histocompatibility Complex II) Restricted Epitopes in Human Apolipoprotein B. <i>Circulation Research</i> , 2022, 131, 258-276.  | 2.0  | 8         |
| 44 | T Cells in Multisystem Inflammatory Syndrome in Children (MIS-C) Have a Predominant CD4+ T Helper Response to SARS-CoV-2 Peptides and Numerous Virus-Specific CD4+ CD8+ Double-Negative T Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7219. | 1.8  | 10        |
| 45 | A comprehensive analysis of the IEDB MHC class-I automated benchmark. <i>Briefings in Bioinformatics</i> , 2022, 23, .  | 3.2  | 2         |
| 46 | Interferon- $\beta$ Release Assay for Accurate Detection of Severe Acute Respiratory Syndrome Coronavirus 2 T-Cell Response. <i>Clinical Infectious Diseases</i> , 2021, 73, e3130-e3132.   | 2.9  | 114       |
| 47 | Mycobacterium tuberculosis-specific CD4 T cells expressing CD153 inversely associate with bacterial load and disease severity in human tuberculosis. <i>Mucosal Immunology</i> , 2021, 14, 491-499.   | 2.7  | 33        |
| 48 | Inflammation in Experimental Models of $\alpha$ -Synucleinopathies. <i>Movement Disorders</i> , 2021, 36, 37-49.  | 2.2  | 24        |
| 49 | Lack of evidence supporting a role of IFN- $\beta$ and TGF- $\beta$ in differential polarization of Bordetella pertussis specific-T cell responses. <i>Cytokine</i> , 2021, 137, 155313.  | 1.4  | 8         |
| 50 | HLA Class I Binding of Mutant EGFR Peptides in NSCLC Is Associated With Improved Survival. <i>Journal of Thoracic Oncology</i> , 2021, 16, 104-112.   | 0.5  | 6         |
| 51 | Human rhinovirus-specific CD8 T cell responses target conserved and unusual epitopes. <i>FASEB Journal</i> , 2021, 35, e21208.  | 0.2  | 5         |
| 52 | Comparison of HLA ligand elution data and binding predictions reveals varying prediction performance for the multiple motifs recognized by HLA-DQ2.5. <i>Immunology</i> , 2021, 162, 235-247.   | 2.0  | 6         |
| 53 | PD-1 blockade exacerbates Mycobacterium tuberculosis infection in rhesus macaques. <i>Science Immunology</i> , 2021, 6, .   | 5.6  | 70        |
| 54 | SARS-CoV-2 induces robust germinal center CD4 T follicular helper cell responses in rhesus macaques. <i>Nature Communications</i> , 2021, 12, 541.  | 5.8  | 66        |

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|----|--|------|-----------|
| 55 | Evaluation of the Expression of CCR5 and CX3CR1 Receptors and Correlation with the Functionality of T Cells in Women infected with ZIKV during Pregnancy. <i>Viruses</i> , 2021, 13, 191.                          | 1.5  | 2         |
| 56 | An immunologically friendly classification of non-peptidic ligands. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .  | 1.4  | 0         |
| 57 | MTBVAC vaccination protects rhesus macaques against aerosol challenge with <i>M. tuberculosis</i> and induces immune signatures analogous to those observed in clinical studies. <i>Npj Vaccines</i> , 2021, 6, 4. | 2.9  | 23        |
| 58 | Immunological memory to SARS-CoV-2 assessed for up to 8 months after infection. <i>Science</i> , 2021, 371, .  | 6.0  | 2,268     |
| 59 | IgG Epitopes Processed and Presented by IgG+ B Cells Induce Suppression by Human Thymic-Derived Regulatory T Cells. <i>Journal of Immunology</i> , 2021, 206, 1194-1203.   | 0.4  | 3         |
| 60 | Comprehensive analysis of T cell immunodominance and immunoprevalence of SARS-CoV-2 epitopes in COVID-19 cases. <i>Cell Reports Medicine</i> , 2021, 2, 100204.  | 3.3  | 437       |
| 61 | Functional Analysis of Immune Signature Genes in Th1* Memory Cells Links ISOC1 and Pyrimidine Metabolism to IFN- $\gamma$ and IL-17 Production. <i>Journal of Immunology</i> , 2021, 206, 1181-1193.               | 0.4  | 8         |
| 62 | Differential Longevity of Memory CD4 and CD8 T Cells in a Cohort of the Mothers With a History of ZIKV Infection and Their Children. <i>Frontiers in Immunology</i> , 2021, 12, 610456.                            | 2.2  | 5         |
| 63 | Adaptive immunity to SARS-CoV-2 and COVID-19. <i>Cell</i> , 2021, 184, 861-880.  | 13.5 | 1,364     |
| 64 | Immune Memory in Mild COVID-19 Patients and Unexposed Donors Reveals Persistent T Cell Responses After SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 636768.                                    | 2.2  | 41        |
| 65 | Classical CD4 T cells as the cornerstone of antimycobacterial immunity. <i>Immunological Reviews</i> , 2021, 301, 10-29.   | 2.8  | 35        |
| 66 | The role of immune-mediated alterations and disorders in ALS disease. <i>Human Immunology</i> , 2021, 82, 155-161.   | 1.2  | 17        |
| 67 | TCRMatch: Predicting T-Cell Receptor Specificity Based on Sequence Similarity to Previously Characterized Receptors. <i>Frontiers in Immunology</i> , 2021, 12, 640725.  | 2.2  | 64        |
| 68 | Coinfection of tuberculosis and COVID-19 limits the ability to in vitro respond to SARS-CoV-2. <i>International Journal of Infectious Diseases</i> , 2021, 113, S82-S87.   | 1.5  | 64        |
| 69 | Development of nasal allergen challenge with cockroach in children with asthma. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 971-979.   | 1.1  | 2         |
| 70 | Backbone Modifications of HLA-A2-Restricted Antigens Induce Diverse Binding and T Cell Activation Outcomes. <i>Journal of the American Chemical Society</i> , 2021, 143, 6470-6481.                                | 6.6  | 10        |
| 71 | T cell assays differentiate clinical and subclinical SARS-CoV-2 infections from cross-reactive antiviral responses. <i>Nature Communications</i> , 2021, 12, 2055.   | 5.8  | 102       |
| 72 | The Longest Persistence of Viable SARS-CoV-2 With Recurrence of Viremia and Relapsing Symptomatic COVID-19 in an Immunocompromised Patient—A Case Study. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab217. | 0.4  | 64        |

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|----|--|------|-----------|
| 73 | A system-view of Bordetella pertussis booster vaccine responses in adults primed with whole-cell versus acellular vaccine in infancy. JCI Insight, 2021, 6, .  | 2.3  | 10        |
| 74 | Safety and immunogenicity of the adjunct therapeutic vaccine ID93+GLA-SE in adults who have completed treatment for tuberculosis: a randomised, double-blind, placebo-controlled, phase 2a trial. Lancet Respiratory Medicine, 2021, 9, 373-386. | 5.2  | 46        |
| 75 | In vitro induction of neoantigen-specific T cells in myelodysplastic syndrome, a disease with low mutational burden. Cytotherapy, 2021, 23, 320-328.   | 0.3  | 8         |
| 76 | Differential T-Cell Reactivity to Endemic Coronaviruses and SARS-CoV-2 in Community and Health Care Workers. Journal of Infectious Diseases, 2021, 224, 70-80.   | 1.9  | 65        |
| 77 | Balanced Cellular and Humoral Immune Responses Targeting Multiple Antigens in Adults Receiving a Quadrivalent Inactivated Influenza Vaccine. Vaccines, 2021, 9, 426.   | 2.1  | 9         |
| 78 | Pre-existing T Cell Memory against Zika Virus. Journal of Virology, 2021, 95, .  | 1.5  | 11        |
| 79 | Tissue-resident-like CD4+ T cells secreting IL-17 control Mycobacterium tuberculosis in the human lung. Journal of Clinical Investigation, 2021, 131, .  | 3.9  | 51        |
| 80 | A phase 1b study of personalized neoantigen vaccine plus pembrolizumab in adults with advanced cancer.. Journal of Clinical Oncology, 2021, 39, 2615-2615.   | 0.8  | 4         |
| 81 | Functional inactivation of pulmonary MAIT cells following 5-OP-RU treatment of non-human primates. Mucosal Immunology, 2021, 14, 1055-1066.  | 2.7  | 23        |
| 82 | Relationship of SARS-CoV-2-specific CD4 response to COVID-19 severity and impact of HIV-1 and tuberculosis coinfection. Journal of Clinical Investigation, 2021, 131, .  | 3.9  | 113       |
| 83 | HLA-DR Marks Recently Divided Antigen-Specific Effector CD4 T Cells in Active Tuberculosis Patients. Journal of Immunology, 2021, 207, 523-533.  | 0.4  | 33        |
| 84 | Activation of mTORC1 at late endosomes misdirects T cell fate decision in older individuals. Science Immunology, 2021, 6, .  | 5.6  | 22        |
| 85 | The potential clinical utility of measuring severe acute respiratory syndrome coronavirus 2-specific T-cell responses. Clinical Microbiology and Infection, 2021, 27, 1784-1789.   | 2.8  | 54        |
| 86 | A yeast-expressed RBD-based SARS-CoV-2 vaccine formulated with 3M-052-alum adjuvant promotes protective efficacy in non-human primates. Science Immunology, 2021, 6, .   | 5.6  | 53        |
| 87 | SARS-CoV-2 human T cell epitopes: Adaptive immune response against COVID-19. Cell Host and Microbe, 2021, 29, 1076-1092.   | 5.1  | 242       |
| 88 | Profiling SARS-CoV-2 HLA-I peptidome reveals T cell epitopes from out-of-frame ORFs. Cell, 2021, 184, 3962-3980.e17.   | 13.5 | 98        |
| 89 | Impact of SARS-CoV-2 variants on the total CD4+ and CD8+ T cell reactivity in infected or vaccinated individuals. Cell Reports Medicine, 2021, 2, 100355.  | 3.3  | 490       |
| 90 | Evaluation of ELISA-Based Multiplex Peptides for the Detection of Human Serum Antibodies Induced by Zika Virus Infection across Various Countries. Viruses, 2021, 13, 1319.  | 1.5  | 2         |

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|-----|--|------|-----------|
| 91  | Profiling Human Cytomegalovirus-Specific T Cell Responses Reveals Novel Immunogenic Open Reading Frames. <i>Journal of Virology</i> , 2021, 95, e0094021.  | 1.5  | 9         |
| 92  | PopCover-2.0. Improved Selection of Peptide Sets With Optimal HLA and Pathogen Diversity Coverage. <i>Frontiers in Immunology</i> , 2021, 12, 728936.  | 2.2  | 5         |
| 93  | The Cancer Epitope Database and Analysis Resource: A Blueprint for the Establishment of a New Bioinformatics Resource for Use by the Cancer Immunology Community. <i>Frontiers in Immunology</i> , 2021, 12, 735609.                         | 2.2  | 10        |
| 94  | Identification and Characterization of Rift Valley Fever Virus-Specific T Cells Reveals a Dependence on CD40/CD40L Interactions for Prevention of Encephalitis. <i>Journal of Virology</i> , 2021, 95, e0150621.                             | 1.5  | 5         |
| 95  | Virus-specific T cells for adenovirus infection after stem cell transplantation are highly effective and class II HLA restricted. <i>Blood Advances</i> , 2021, 5, 3309-3321.  | 2.5  | 26        |
| 96  | Functional HPV-specific PD-1+ stem-like CD8 T cells in head and neck cancer. <i>Nature</i> , 2021, 597, 279-284.   | 13.7 | 153       |
| 97  | 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.  | 15.2 | 396       |
| 98  | Low-dose mRNA-1273 COVID-19 vaccine generates durable memory enhanced by cross-reactive T cells. <i>Science</i> , 2021, 374, eabj9853.   | 6.0  | 236       |
| 99  | Broadly directed SARS-CoV-2-specific CD4+ T cell response includes frequently detected peptide specificities within the membrane and nucleoprotein in patients with acute and resolved COVID-19. <i>PLoS Pathogens</i> , 2021, 17, e1009842. | 2.1  | 40        |
| 100 | Rapid induction of antigen-specific CD4+ T cells is associated with coordinated humoral and cellular immunity to SARS-CoV-2 mRNA vaccination. <i>Immunity</i> , 2021, 54, 2133-2142.e3.  | 6.6  | 367       |
| 101 | Immune signatures underlying post-acute COVID-19 lung sequelae. <i>Science Immunology</i> , 2021, 6, eabk1741.   | 5.6  | 99        |
| 102 | Characterization of Conserved and Promiscuous Human Rhinovirus CD4 T Cell Epitopes. <i>Cells</i> , 2021, 10, 2294.   | 1.8  | 1         |
| 103 | The TCR repertoire of $\alpha$ -synuclein-specific T cells in Parkinson's disease is surprisingly diverse. <i>Scientific Reports</i> , 2021, 11, 302.  | 1.6  | 26        |
| 104 | Allele-Specific Thresholds of Eluted Ligands for T-Cell Epitope Prediction. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100122.   | 2.5  | 4         |
| 105 | mRNA vaccines induce durable immune memory to SARS-CoV-2 and variants of concern. <i>Science</i> , 2021, 374, abm0829.   | 6.0  | 609       |
| 106 | SARS-CoV-2 infection generates tissue-localized immunological memory in humans. <i>Science Immunology</i> , 2021, 6, eab19105.   | 5.6  | 147       |
| 107 | Heterogeneity of magnitude, allergen immunodominance, and cytokine polarization of cockroach allergen-specific T cell responses in allergic sensitized children. <i>Clinical and Translational Allergy</i> , 2021, 11, e12073.               | 1.4  | 6         |
| 108 | Prior infection with SARS-CoV-2 boosts and broadens Ad26.COVS immunogenicity in a variant-dependent manner. <i>Cell Host and Microbe</i> , 2021, 29, 1611-1619.e5.   | 5.1  | 106       |



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|-----|---|-----|-----------|
| 109 | Risk assessment of latent tuberculosis infection through a multiplexed cytokine biosensor assay and machine learning feature selection. <i>Scientific Reports</i> , 2021, 11, 20544.  | 1.6 | 20        |
| 110 | CD8+ T cells specific for cryptic apoptosis-associated epitopes exacerbate experimental autoimmune encephalomyelitis. <i>Cell Death and Disease</i> , 2021, 12, 1026.   | 2.7 | 6         |
| 111 | Recognition of Variants of Concern by Antibodies and T Cells Induced by a SARS-CoV-2 Inactivated Vaccine. <i>Frontiers in Immunology</i> , 2021, 12, 747830.  | 2.2 | 69        |
| 112 | B cells modulate mouse allergen-specific T cells in nonallergic laboratory animal-care workers. <i>JCI Insight</i> , 2021, 6, .   | 2.3 | 0         |
| 113 | Generation of a Novel SARS-CoV-2 Sub-genomic RNA Due to the R203K/G204R Variant in Nucleocapsid: Homologous Recombination has Potential to Change SARS-CoV-2 at Both Protein and RNA Level. <i>Pathogens and Immunity</i> , 2021, 6, 27-49. | 1.4 | 10        |
| 114 | Generation of a Novel SARS-CoV-2 Sub-genomic RNA Due to the R203K/G204R Variant in Nucleocapsid: Homologous Recombination has Potential to Change SARS-CoV-2 at Both Protein and RNA Level. <i>Pathogens and Immunity</i> , 2021, 6, 27-49. | 1.4 | 46        |
| 115 | Heterogeneity of human anti-viral immunity shaped by virus, tissue, age, and sex. <i>Cell Reports</i> , 2021, 37, 110071.   | 2.9 | 34        |
| 116 | High Frequencies of Functional Virus-Specific CD4+ T Cells in SARS-CoV-2 Subjects With Olfactory and Taste Disorders. <i>Frontiers in Immunology</i> , 2021, 12, 748881.  | 2.2 | 11        |
| 117 | CD4+CCR6+ T cells dominate the BCG-induced transcriptional signature. <i>EBioMedicine</i> , 2021, 74, 103746.   | 2.7 | 11        |
| 118 | B cells modulate mouse allergen-specific T cells in nonallergic laboratory animal-care workers. <i>JCI Insight</i> , 2021, 6, .   | 2.3 | 3         |
| 119 | Limited recognition of <i>Mycobacterium tuberculosis</i> -infected macrophages by polyclonal CD4 and CD8 T cells from the lungs of infected mice. <i>Mucosal Immunology</i> , 2020, 13, 140-148.  | 2.7 | 40        |
| 120 | Transient Immune Activation in BCG-Vaccinated Infant Rhesus Macaques Is Not Sufficient to Influence Oral Simian Immunodeficiency Virus Infection. <i>Journal of Infectious Diseases</i> , 2020, 222, 44-53.                                 | 1.9 | 10        |
| 121 | Evolution of the innate and adaptive immune response in women with acute Zika virus infection. <i>Nature Microbiology</i> , 2020, 5, 76-83.   | 5.9 | 20        |
| 122 | The Immune Epitope Database and Analysis Resource Program 2003â€“2018: reflections and outlook. <i>Immunogenetics</i> , 2020, 72, 57-76.  | 1.2 | 46        |
| 123 | Transcriptomic immune profiles of human flavivirus-specific T cell responses. <i>Immunology</i> , 2020, 160, 3-9.   | 2.0 | 18        |
| 124 | The Human Immunopeptidome Project: A Roadmap to Predict and Treat Immune Diseases. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 31-49.  | 2.5 | 65        |
| 125 | T Cell Responses to Neural Autoantigens Are Similar in Alzheimerâ€™s Disease Patients and Age-Matched Healthy Controls. <i>Frontiers in Neuroscience</i> , 2020, 14, 874.   | 1.4 | 15        |
| 126 | Lack of evidence for BCG vaccine protection from severe COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25203-25204.  | 3.3 | 46        |



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|-----|--|------|-----------|
| 127 | Key Parameters of Tumor Epitope Immunogenicity Revealed Through a Consortium Approach Improve Neoantigen Prediction. <i>Cell</i> , 2020, 183, 818-834.e13.   | 13.5 | 287       |
| 128 | Antigen-Specific Adaptive Immunity to SARS-CoV-2 in Acute COVID-19 and Associations with Age and Disease Severity. <i>Cell</i> , 2020, 183, 996-1012.e19.  | 13.5 | 1,494     |
| 129 | Imbalance of Regulatory and Cytotoxic SARS-CoV-2-Reactive CD4+ T Cells in COVID-19. <i>Cell</i> , 2020, 183, 1340-1353.e16.  | 13.5 | 431       |
| 130 | Cross-reactive memory T cells and herd immunity to SARS-CoV-2. <i>Nature Reviews Immunology</i> , 2020, 20, 709-713.   | 10.6 | 229       |
| 131 | Identification of Novel Yellow Fever Class II Epitopes in YF-17D Vaccinees. <i>Viruses</i> , 2020, 12, 1300.   | 1.5  | 3         |
| 132 | Disease extent and anti-tubercular treatment response correlates with <i>Mycobacterium tuberculosis</i> -specific CD4 T cell phenotype regardless of HIV status. <i>Clinical and Translational Immunology</i> , 2020, 9, e1176.                | 1.7  | 37        |
| 133 | Pathogenic Autoimmunity in Atherosclerosis Evolves From Initially Protective Apolipoprotein B <sub>100</sub> Reactive CD4 <sup>+</sup> T-Regulatory Cells. <i>Circulation</i> , 2020, 142, 1279-1293.  | 1.6  | 100       |
| 134 | Selective and cross-reactive SARS-CoV-2 T cell epitopes in unexposed humans. <i>Science</i> , 2020, 370, 89-94.  | 6.0  | 1,036     |
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