

Evan W Newell

List of Publications by Year in descending order

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Version: 2024-02-01

150
papers

19,101
citations

18482

62
h-index

15266

126
g-index

178
all docs

178
docs citations

178
times ranked

31099
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Single-cell immunology of SARS-CoV-2 infection. <i>Nature Biotechnology</i> , 2022, 40, 30-41. | 17.5 | 78 |
| 2 | Bystander CD4 ⁺ T cells infiltrate human tumors and are phenotypically distinct. <i>OncImmunology</i> , 2022, 11, . | 4.6 | 13 |
| 3 | Neoantigen-specific CD4 ⁺ T cells in human melanoma have diverse differentiation states and correlate with CD8 ⁺ T cell, macrophage, and B cell function. <i>Cancer Cell</i> , 2022, 40, 393-409.e9. | 16.8 | 59 |
| 4 | NY-ESO-1-specific redirected T cells with endogenous TCR knockdown mediate tumor response and cytokine release syndrome. , 2022, 10, e003811. | | 26 |
| 5 | SARS-CoV-2-specific CD8 ⁺ T cell responses in convalescent COVID-19 individuals. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 8.2 | 213 |
| 6 | Immune cell phenotypes associated with disease severity and long-term neutralizing antibody titers after natural dengue virus infection. <i>Cell Reports Medicine</i> , 2021, 2, 100278. | 6.5 | 19 |
| 7 | CMV exposure drives long-term CD57 ⁺ CD4 ⁺ memory T-cell inflation following allogeneic stem cell transplant. <i>Blood</i> , 2021, 138, 2874-2885. | 1.4 | 16 |
| 8 | Characterization of neoantigen-specific T cells in cancer resistant to immune checkpoint therapies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 30 |
| 9 | Protracted yet Coordinated Differentiation of Long-Lived SARS-CoV-2-Specific CD8 ⁺ T Cells during Convalescence. <i>Journal of Immunology</i> , 2021, 207, 1344-1356. | 0.8 | 14 |
| 10 | Non-terminally exhausted tumor-resident memory HBV-specific T cell responses correlate with relapse-free survival in hepatocellular carcinoma. <i>Immunity</i> , 2021, 54, 1825-1840.e7. | 14.3 | 64 |
| 11 | Intratumoral CD39 ⁺ CD8 ⁺ T Cells Predict Response to Programmed Cell Death Protein-1 or Programmed Death Ligand-1 Blockade in Patients With NSCLC. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1349-1358. | 1.1 | 48 |
| 12 | A subset of Kupffer cells regulates metabolism through the expression of CD36. <i>Immunity</i> , 2021, 54, 2101-2116.e6. | 14.3 | 99 |
| 13 | High-throughput single-cell quantification of hundreds of proteins using conventional flow cytometry and machine learning. <i>Science Advances</i> , 2021, 7, eabg0505. | 10.3 | 39 |
| 14 | Unique challenges for glioblastoma immunotherapy—discussions across neuro-oncology and non-neuro-oncology experts in cancer immunology. Meeting Report from the 2019 SNO Immuno-Oncology Think Tank. <i>Neuro-Oncology</i> , 2021, 23, 356-375. | 1.2 | 59 |
| 15 | Gut-Evolved <i>Candida albicans</i> Induces Metabolic Changes in Neutrophils. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 743735. | 3.9 | 4 |
| 16 | Liver fibrosis and CD206 ⁺ macrophage accumulation are suppressed by anti-GM-CSF therapy. <i>JHEP Reports</i> , 2020, 2, 100062. | 4.9 | 42 |
| 17 | T-cell phenotyping uncovers systemic features of atopic dermatitis and psoriasis. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1021-1025.e15. | 2.9 | 13 |
| 18 | Metformin enhances anti-mycobacterial responses by educating CD8 ⁺ T-cell immunometabolic circuits. <i>Nature Communications</i> , 2020, 11, 5225. | 12.8 | 40 |

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|----|--|------|-----------|
| 19 | Ontogeny of different subsets of yellow fever virus-specific circulatory CXCR5+ CD4+ T cells after yellow fever vaccination. <i>Scientific Reports</i> , 2020, 10, 15686. | 3.3 | 6 |
| 20 | Two subsets of stem-like CD8+ memory T cell progenitors with distinct fate commitments in humans. <i>Nature Immunology</i> , 2020, 21, 1552-1562. | 14.5 | 167 |
| 21 | Human Tumor-Infiltrating MAIT Cells Display Hallmarks of Bacterial Antigen Recognition in Colorectal Cancer. <i>Cell Reports Medicine</i> , 2020, 1, 100039. | 6.5 | 32 |
| 22 | Immunohistochemical scoring of CD38 in the tumor microenvironment predicts responsiveness to anti-PD-1/PD-L1 immunotherapy in hepatocellular carcinoma. , 2020, 8, e000987. | | 70 |
| 23 | High-Dimensional Characterization of the Systemic Immune Landscape Informs on Synergism Between Radiation Therapy and Immune Checkpoint Blockade. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 70-80. | 0.8 | 3 |
| 24 | Combinatorial Single-Cell Analyses of Granulocyte-Monocyte Progenitor Heterogeneity Reveals an Early Uni-potent Neutrophil Progenitor. <i>Immunity</i> , 2020, 53, 303-318.e5. | 14.3 | 153 |
| 25 | Engineered niches support the development of human dendritic cells in humanized mice. <i>Nature Communications</i> , 2020, 11, 2054. | 12.8 | 21 |
| 26 | A Targeted Multi-omic Analysis Approach Measures Protein Expression and Low-Abundance Transcripts on the Single-Cell Level. <i>Cell Reports</i> , 2020, 31, 107499. | 6.4 | 80 |
| 27 | Hepatocellular Carcinoma Cells Up-regulate PVRL1, Stabilizing PVR and Inhibiting the Cytotoxic T-Cell Response via TIGIT to Mediate Tumor Resistance to PD1 Inhibitors in Mice. <i>Gastroenterology</i> , 2020, 159, 609-623. | 1.3 | 100 |
| 28 | Circulating CD1c+ myeloid dendritic cells are potential precursors to LCH lesion CD1a+CD207+ cells. <i>Blood Advances</i> , 2020, 4, 87-99. | 5.2 | 25 |
| 29 | Effects of Hepatitis B Surface Antigen on Virus-Specific and Global T Cells in Patients With Chronic Hepatitis B Virus infection. <i>Gastroenterology</i> , 2020, 159, 652-664. | 1.3 | 102 |
| 30 | Partial absence of PD-1 expression by tumor-infiltrating EBV-specific CD8 ⁺ T cells in EBV-driven lymphoepithelioma-like carcinoma. <i>Clinical and Translational Immunology</i> , 2020, 9, e1175. | 3.8 | 7 |
| 31 | Kupffer Cell Characterization by Mass Cytometry. <i>Methods in Molecular Biology</i> , 2020, 2164, 87-99. | 0.9 | 2 |
| 32 | Reverse-engineering flow-cytometry gating strategies for phenotypic labelling and high-performance cell sorting. <i>Bioinformatics</i> , 2019, 35, 301-308. | 4.1 | 22 |
| 33 | PS-141-CyTOF-based immune monitoring of HBV-HCC patients receiving autologous anti-tumour T-cell therapy. <i>Journal of Hepatology</i> , 2019, 70, e89-e90. | 3.7 | 0 |
| 34 | A Novel, Five-Marker Alternative to CD16 ⁺ CD14 Gating to Identify the Three Human Monocyte Subsets. <i>Frontiers in Immunology</i> , 2019, 10, 1761. | 4.8 | 77 |
| 35 | Single-Cell Analysis of Human Mononuclear Phagocytes Reveals Subset-Defining Markers and Identifies Circulating Inflammatory Dendritic Cells. <i>Immunity</i> , 2019, 51, 573-589.e8. | 14.3 | 336 |
| 36 | Late-differentiated effector neoantigen-specific CD8+ T cells are enriched in peripheral blood of non-small cell lung carcinoma patients responding to atezolizumab treatment. , 2019, 7, 249. | | 61 |

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|----|---|------|-----------|
| 37 | Lung endothelial cell antigen cross-presentation to CD8+T cells drives malaria-associated lung injury. Nature Communications, 2019, 10, 4241. | 12.8 | 36 |
| 38 | Plasmacytoid dendritic cells develop from Ly6D+ lymphoid progenitors distinct from the myeloid lineage. Nature Immunology, 2019, 20, 852-864. | 14.5 | 162 |
| 39 | Mutating chikungunya virus non-structural protein produces potent live-attenuated vaccine candidate. EMBO Molecular Medicine, 2019, 11, . | 6.9 | 23 |
| 40 | Multiplex MHC Class I Tetramer Combined with Intranuclear Staining by Mass Cytometry. Methods in Molecular Biology, 2019, 1989, 147-158. | 0.9 | 8 |
| 41 | A Subset of Type I Conventional Dendritic Cells Controls Cutaneous Bacterial Infections through VEGF±-Mediated Recruitment of Neutrophils. Immunity, 2019, 50, 1069-1083.e8. | 14.3 | 50 |
| 42 | Multifactorial heterogeneity of virus-specific T cells and association with the progression of human chronic hepatitis B infection. Science Immunology, 2019, 4, . | 11.9 | 57 |
| 43 | Prognostic value of CD8+PD-1+ immune infiltrates and PDCD1 gene expression in triple negative breast cancer. , 2019, 7, 34. | | 75 |
| 44 | Metformin Alters Human Host Responses to Mycobacterium tuberculosis in Healthy Subjects. Journal of Infectious Diseases, 2019, 220, 139-150. | 4.0 | 78 |
| 45 | Large-Scale HLA Tetramer Tracking of T Cells during Dengue Infection Reveals Broad Acute Activation and Differentiation into Two Memory Cell Fates. Immunity, 2019, 51, 1119-1135.e5. | 14.3 | 35 |
| 46 | Differential control of human Treg and effector T cells in tumor immunity by Fc-engineered anti-CTLA-4 antibody. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 609-618. | 7.1 | 141 |
| 47 | Mapping of T cells reveals T cells resistance to senescence. EBioMedicine, 2019, 39, 44-58. | 6.1 | 54 |
| 48 | Dimensionality reduction for visualizing single-cell data using UMAP. Nature Biotechnology, 2019, 37, 38-44. | 17.5 | 3,254 |
| 49 | The role of high-dimensional profiling of the systemic immune response on optimal sequencing of radiotherapy (RT) and immune checkpoint blockade (ICB).. Journal of Clinical Oncology, 2019, 37, 13-13. | 1.6 | 0 |
| 50 | Immune profiling of tumor-infiltrating T cells using mass cytometry.. Journal of Clinical Oncology, 2019, 37, 2607-2607. | 1.6 | 1 |
| 51 | Abstract 527: High-dimensional profiling of the systemic immune response informs on optimal sequencing of radiotherapy (RT) and immune checkpoint blockade (ICB). , 2019, , . | | 0 |
| 52 | Abstract 4054: Mass cytometry approaches to biomarker discovery via high-dimensional antigen-specific T cell identification and profiling. , 2019, , . | | 0 |
| 53 | Abstract 4055: Late-differentiated effector neoantigen-specific CD8+ T cells are enriched in non-small cell lung cancer patients responding to atezolizumab treatment. , 2019, , . | | 0 |
| 54 | Developmental Analysis of Bone Marrow Neutrophils Reveals Populations Specialized in Expansion, Trafficking, and Effector Functions. Immunity, 2018, 48, 364-379.e8. | 14.3 | 450 |

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|----|---|------|-----------|
| 55 | The impact of ischemia-reperfusion injuries on skin resident murine dendritic cells. <i>European Journal of Immunology</i> , 2018, 48, 1014-1019. | 2.9 | 9 |
| 56 | Mass cytometry: a powerful tool for dissecting the immune landscape. <i>Current Opinion in Immunology</i> , 2018, 51, 187-196. | 5.5 | 80 |
| 57 | MAIT cell clonal expansion and TCR repertoire shaping in human volunteers challenged with <i>Salmonella Paratyphi</i> A. <i>Nature Communications</i> , 2018, 9, 253. | 12.8 | 107 |
| 58 | High-Dimensional Profiling of Tumor-Specific Immune Responses: Asking T Cells about What They "See" in Cancer. <i>Cancer Immunology Research</i> , 2018, 6, 2-9. | 3.4 | 15 |
| 59 | Activation of the Receptor Tyrosine Kinase AXL Regulates the Immune Microenvironment in Glioblastoma. <i>Cancer Research</i> , 2018, 78, 3002-3013. | 0.9 | 122 |
| 60 | Multiplex peptide-MHC tetramer staining using mass cytometry for deep analysis of the influenza-specific T-cell response in mice. <i>Journal of Immunological Methods</i> , 2018, 453, 30-36. | 1.4 | 13 |
| 61 | Dissecting human ILC heterogeneity: more than just three subsets. <i>Immunology</i> , 2018, 153, 297-303. | 4.4 | 55 |
| 62 | PD-1 blockade partially recovers dysfunctional virus-specific B cells in chronic hepatitis B infection. <i>Journal of Clinical Investigation</i> , 2018, 128, 4573-4587. | 8.2 | 188 |
| 63 | Organ-Specific Fate, Recruitment, and Refilling Dynamics of Tissue-Resident Macrophages during Blood-Stage Malaria. <i>Cell Reports</i> , 2018, 25, 3099-3109.e3. | 6.4 | 47 |
| 64 | High-Dimensional Analysis Delineates Myeloid and Lymphoid Compartment Remodeling during Successful Immune-Checkpoint Cancer Therapy. <i>Cell</i> , 2018, 175, 1014-1030.e19. | 28.9 | 292 |
| 65 | An integrated automated multispectral imaging technique that simultaneously detects and quantitates viral RNA and immune cell protein markers in fixed sections from Epstein-Barr virus-related tumours. <i>Annals of Diagnostic Pathology</i> , 2018, 37, 12-19. | 1.3 | 20 |
| 66 | Epigenomic-Guided Mass Cytometry Profiling Reveals Disease-Specific Features of Exhausted CD8 ⁺ T Cells. <i>Immunity</i> , 2018, 48, 1029-1045.e5. | 14.3 | 250 |
| 67 | Bystander CD8 ⁺ T cells are abundant and phenotypically distinct in human tumour infiltrates. <i>Nature</i> , 2018, 557, 575-579. | 27.8 | 942 |
| 68 | Dynamics of helper CD4 T cells during acute and stable allergic asthma. <i>Mucosal Immunology</i> , 2018, 11, 1640-1652. | 6.0 | 15 |
| 69 | CD161 Defines a Functionally Distinct Subset of Pro-Inflammatory Natural Killer Cells. <i>Frontiers in Immunology</i> , 2018, 9, 486. | 4.8 | 91 |
| 70 | Adaptive NKG2C ⁺ CD57 ⁺ Natural Killer Cell and Tim-3 Expression During Viral Infections. <i>Frontiers in Immunology</i> , 2018, 9, 686. | 4.8 | 41 |
| 71 | Characterization of a candidate tetravalent vaccine based on 2'-O-methyltransferase mutants. <i>PLoS ONE</i> , 2018, 13, e0189262. | 2.5 | 7 |
| 72 | Clonal analysis of <i>Salmonella</i> -specific effector T cells reveals serovar-specific and cross-reactive T cell responses. <i>Nature Immunology</i> , 2018, 19, 742-754. | 14.5 | 27 |

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|----|--|------|-----------|
| 73 | Hepatitis B virus-specific T cells associate with viral control upon nucleos(t)ide-analogue therapy discontinuation. <i>Journal of Clinical Investigation</i> , 2018, 128, 668-681. | 8.2 | 167 |
| 74 | RNA-Seq analyses of immune cell-type enrichments in 158 Asian colorectal cancers (CRCs).. <i>Journal of Clinical Oncology</i> , 2018, 36, e15597-e15597. | 1.6 | 1 |
| 75 | A phase II open-label, single-centre, non-randomized trial of Y90 transarterial radioembolization in combination with nivolumab in Asian patients with intermediate stage hepatocellular carcinoma: An immunological study of radioembolization in combination with anti-PD1 therapy in HCC.. <i>Journal of Clinical Oncology</i> , 2018, 36, TPS542-TPS542. | 1.6 | 7 |
| 76 | Cytotoxic CD4+ Cells in Chronic Lymphocytic Leukaemia: An Extended Immunophenotypic Analysis Examining Their Association with Cytomegalovirus Serostatus and Similarities with Cytotoxic CD8+ Cells. <i>Blood</i> , 2018, 132, 3130-3130. | 1.4 | 0 |
| 77 | T-Cell Receptor (TCR) Clonotype-Specific Differences in Inhibitory Activity of HIV-1 Cytotoxic T-Cell Clones Is Not Mediated by TCR Alone. <i>Journal of Virology</i> , 2017, 91, . | 3.4 | 11 |
| 78 | Toward Meaningful Definitions of Innate-Lymphoid-Cell Subsets. <i>Immunity</i> , 2017, 46, 760-761. | 14.3 | 29 |
| 79 | Intrahepatic CD206+ macrophages contribute to inflammation in advanced viral-related liver disease. <i>Journal of Hepatology</i> , 2017, 67, 490-500. | 3.7 | 55 |
| 80 | Mapping the human DC lineage through the integration of high-dimensional techniques. <i>Science</i> , 2017, 356, . | 12.6 | 429 |
| 81 | Human fetal dendritic cells promote prenatal T-cell immune suppression through arginase-2. <i>Nature</i> , 2017, 546, 662-666. | 27.8 | 199 |
| 82 | Host sirtuin 1 regulates mycobacterial immunopathogenesis and represents a therapeutic target against tuberculosis. <i>Science Immunology</i> , 2017, 2, . | 11.9 | 104 |
| 83 | Establishing High Dimensional Immune Signatures from Peripheral Blood via Mass Cytometry in a Discovery Cohort of Stage IV Melanoma Patients. <i>Journal of Immunology</i> , 2017, 198, 927-936. | 0.8 | 33 |
| 84 | Human Innate Lymphoid Cell Subsets Possess Tissue-Type Based Heterogeneity in Phenotype and Frequency. <i>Immunity</i> , 2017, 46, 148-161. | 14.3 | 380 |
| 85 | Determining T-cell specificity to understand and treat disease. <i>Nature Biomedical Engineering</i> , 2017, 1, 784-795. | 22.5 | 10 |
| 86 | Checkpoint blockade immunotherapy reshapes the high-dimensional phenotypic heterogeneity of murine intratumoural neoantigen-specific CD8+ T cells. <i>Nature Communications</i> , 2017, 8, 562. | 12.8 | 101 |
| 87 | Induced-Pluripotent-Stem-Cell-Derived Primitive Macrophages Provide a Platform for Modeling Tissue-Resident Macrophage Differentiation and Function. <i>Immunity</i> , 2017, 47, 183-198.e6. | 14.3 | 245 |
| 88 | Optimization of mass cytometry sample cryopreservation after staining. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 48-61. | 1.5 | 43 |
| 89 | Cellular Differentiation of Human Monocytes Is Regulated by Time-Dependent Interleukin-4 Signaling and the Transcriptional Regulator NCOR2. <i>Immunity</i> , 2017, 47, 1051-1066.e12. | 14.3 | 133 |
| 90 | Deep Sequencing in Infectious Diseases: Immune and Pathogen Repertoires for the Improvement of Patient Outcomes. <i>Frontiers in Immunology</i> , 2017, 8, 593. | 4.8 | 8 |

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|-----|--|------|-----------|
| 91 | Immune Checkpoint Function of CD85j in CD8 T Cell Differentiation and Aging. <i>Frontiers in Immunology</i> , 2017, 8, 692. | 4.8 | 31 |
| 92 | Deep Profiling Human T Cell Heterogeneity by Mass Cytometry. <i>Advances in Immunology</i> , 2016, 131, 101-134. | 2.2 | 17 |
| 93 | A High-Dimensional Atlas of Human T Cell Diversity Reveals Tissue-Specific Trafficking and Cytokine Signatures. <i>Immunity</i> , 2016, 45, 442-456. | 14.3 | 232 |
| 94 | Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. <i>Immunity</i> , 2016, 45, 669-684. | 14.3 | 683 |
| 95 | Novel therapeutic targets on the horizon for lung cancer. <i>Lancet Oncology</i> , The, 2016, 17, e347-e362. | 10.7 | 156 |
| 96 | Mass cytometry: blessed with the curse of dimensionality. <i>Nature Immunology</i> , 2016, 17, 890-895. | 14.5 | 104 |
| 97 | Categorical Analysis of Human T Cell Heterogeneity with One-Dimensional Soli-Expression by Nonlinear Stochastic Embedding. <i>Journal of Immunology</i> , 2016, 196, 924-932. | 0.8 | 65 |
| 98 | Innate Lymphoid Cells Are Depleted Irreversibly during Acute HIV-1 Infection in the Absence of Viral Suppression. <i>Immunity</i> , 2016, 44, 391-405. | 14.3 | 125 |
| 99 | CD161 ^{int} CD8 ⁺ T cells: a novel population of highly functional, memory CD8 ⁺ T cells enriched within the gut. <i>Mucosal Immunology</i> , 2016, 9, 401-413. | 6.0 | 121 |
| 100 | High-dimensional immune profiling of total and rotavirus VP6-specific intestinal and circulating B cells by mass cytometry. <i>Mucosal Immunology</i> , 2016, 9, 68-82. | 6.0 | 38 |
| 101 | Cytofkit: A Bioconductor Package for an Integrated Mass Cytometry Data Analysis Pipeline. <i>PLoS Computational Biology</i> , 2016, 12, e1005112. | 3.2 | 302 |
| 102 | Abstract IA25: Identifying and profiling tumor specific T cells using mass cytometry and highly multiplexed peptide-MHC tetramer staining., 2016, , . | | 0 |
| 103 | Clonal Deletion Prunes but Does Not Eliminate Self-Specific $\hat{\pm}\hat{2}$ CD8 ⁺ T Lymphocytes. <i>Immunity</i> , 2015, 42, 929-941. | 14.3 | 248 |
| 104 | Identification of cDC1- and cDC2-committed DC progenitors reveals early lineage priming at the common DC progenitor stage in the bone marrow. <i>Nature Immunology</i> , 2015, 16, 718-728. | 14.5 | 475 |
| 105 | Adenoviral Vector Vaccination Induces a Conserved Program of CD8 ⁺ T Cell Memory Differentiation in Mouse and Man. <i>Cell Reports</i> , 2015, 13, 1578-1588. | 6.4 | 56 |
| 106 | Tetramers reveal IL-17 ^{â€} secreting CD4 ⁺ T cells that are specific for U1-70 in lupus and mixed connective tissue disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3044-3049. | 7.1 | 22 |
| 107 | <i>mir-181a-1/b-1</i> Modulates Tolerance through Opposing Activities in Selection and Peripheral T Cell Function. <i>Journal of Immunology</i> , 2015, 195, 1470-1479. | 0.8 | 43 |
| 108 | Mapping the Diversity of Follicular Helper T Cells in Human Blood and Tonsils Using High-Dimensional Mass Cytometry Analysis. <i>Cell Reports</i> , 2015, 11, 1822-1833. | 6.4 | 140 |

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|-----|---|------|-----------|
| 109 | Multiparameter Phenotyping of Human PBMCs Using Mass Cytometry. <i>Methods in Molecular Biology</i> , 2015, 1343, 81-95. | 0.9 | 91 |
| 110 | CD103+ Dendritic Cells Control Th17 Cell Function in the Lung. <i>Cell Reports</i> , 2015, 12, 1789-1801. | 6.4 | 89 |
| 111 | Multiplexed Peptide-MHC Tetramer Staining with Mass Cytometry. <i>Methods in Molecular Biology</i> , 2015, 1346, 115-131. | 0.9 | 13 |
| 112 | CD161 Defines a Transcriptional and Functional Phenotype across Distinct Human T Cell Lineages. <i>Cell Reports</i> , 2014, 9, 1075-1088. | 6.4 | 264 |
| 113 | A human vaccine strategy based on chimpanzee adenoviral and MVA vectors that primes, boosts, and sustains functional HCV-specific T cell memory. <i>Science Translational Medicine</i> , 2014, 6, 261ra153. | 12.4 | 297 |
| 114 | OpenCyto: An Open Source Infrastructure for Scalable, Robust, Reproducible, and Automated, End-to-End Flow Cytometry Data Analysis. <i>PLoS Computational Biology</i> , 2014, 10, e1003806. | 3.2 | 185 |
| 115 | Parallel T-cell cloning and deep sequencing of human MAIT cells reveal stable oligoclonal TCR β^2 repertoire. <i>Nature Communications</i> , 2014, 5, 3866. | 12.8 | 267 |
| 116 | Beyond model antigens: high-dimensional methods for the analysis of antigen-specific T cells. <i>Nature Biotechnology</i> , 2014, 32, 149-157. | 17.5 | 135 |
| 117 | High-dimensional analysis of the murine myeloid cell system. <i>Nature Immunology</i> , 2014, 15, 1181-1189. | 14.5 | 349 |
| 118 | Mass Cytometry Analysis of Human T Cell Phenotype and Function. <i>Methods in Molecular Biology</i> , 2014, 1193, 55-68. | 0.9 | 3 |
| 119 | Regulation of hERG and hEAG Channels by Src and by SHP-1 Tyrosine Phosphatase via an ITIM Region in the Cyclic Nucleotide Binding Domain. <i>PLoS ONE</i> , 2014, 9, e90024. | 2.5 | 9 |
| 120 | Gamma delta T cells recognize haptens and mount a hapten-specific response. <i>ELife</i> , 2014, 3, e03609. | 6.0 | 24 |
| 121 | Combinatorial tetramer staining and mass cytometry analysis facilitate T-cell epitope mapping and characterization. <i>Nature Biotechnology</i> , 2013, 31, 623-629. | 17.5 | 265 |
| 122 | CD4 ⁺ T Cell Autoimmunity to Hypocretin/Orexin and Cross-Reactivity to a 2009 H1N1 Influenza A Epitope in Narcolepsy. <i>Science Translational Medicine</i> , 2013, 5, 216ra176. | 12.4 | 83 |
| 123 | High-Dimensional Analysis of Human CD8 ⁺ T Cell Phenotype, Function, and Antigen Specificity. <i>Current Topics in Microbiology and Immunology</i> , 2013, 377, 61-84. | 1.1 | 11 |
| 124 | Higher Throughput Methods of Identifying T Cell Epitopes for Studying Outcomes of Altered Antigen Processing and Presentation. <i>Frontiers in Immunology</i> , 2013, 4, 430. | 4.8 | 16 |
| 125 | The Promised Land of Human Immunology. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 203-213. | 1.1 | 16 |
| 126 | Dietary gluten triggers concomitant activation of CD4 ⁺ and CD8 ⁺ T cells and β^2 T cells in celiac disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13073-13078. | 7.1 | 178 |

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|-----|--|------|-----------|
| 127 | Characterization of Influenza Vaccine Immunogenicity Using Influenza Antigen Microarrays. PLoS ONE, 2013, 8, e64555. | 2.5 | 44 |
| 128 | Î³Î´ T Cells Recognize a Microbial Encoded B Cell Antigen to Initiate a Rapid Antigen-Specific Interleukin-17 Response. Immunity, 2012, 37, 524-534. | 14.3 | 172 |
| 129 | Cytometry by Time-of-Flight Shows Combinatorial Cytokine Expression and Virus-Specific Cell Niches within a Continuum of CD8+ T Cell Phenotypes. Immunity, 2012, 36, 142-152. | 14.3 | 534 |
| 130 | Photocrosslinkable pMHC monomers stain T cells specifically and cause ligand-bound TCRs to be 'preferentially' transported to the cSMAC. Nature Immunology, 2012, 13, 674-680. | 14.5 | 44 |
| 131 | Donor immunization with WT1 peptide augments antileukemic activity after MHC-matched bone marrow transplantation. Blood, 2011, 118, 5319-5329. | 1.4 | 15 |
| 132 | Interrogating the repertoire: broadening the scope of peptide-MHC multimer analysis. Nature Reviews Immunology, 2011, 11, 551-558. | 22.7 | 106 |
| 133 | Structural Basis of Specificity and Cross-Reactivity in T Cell Receptors Specific for Cytochrome <i>c</i> -I-Ek. Journal of Immunology, 2011, 186, 5823-5832. | 0.8 | 59 |
| 134 | Donor Immunization with WT1 Peptide Augments Anti-Leukemic Activity After MHC-Matched Bone Marrow Transplantation. Blood, 2011, 118, 1896-1896. | 1.4 | 0 |
| 135 | TCR-peptide-MHC interactions in situ show accelerated kinetics and increased affinity. Nature, 2010, 463, 963-967. | 27.8 | 449 |
| 136 | Evidence for a functional sidedness to the Î±Î²TCR. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5094-5099. | 7.1 | 69 |
| 137 | The Ca ²⁺ release-activated Ca ²⁺ current (ICRAC) mediates store-operated Ca ²⁺ entry in rat microglia. Channels, 2009, 3, 129-139. | 2.8 | 106 |
| 138 | 190 The Immune Response to HIV: Friend or Foe. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 51, . | 2.1 | 0 |
| 139 | Simultaneous detection of many T-cell specificities using combinatorial tetramer staining. Nature Methods, 2009, 6, 497-499. | 19.0 | 158 |
| 140 | Reversed Na ⁺ /Ca ²⁺ Exchange Contributes to Ca ²⁺ Influx and Respiratory Burst in Microglia. Channels, 2007, 1, 366-376. | 2.8 | 43 |
| 141 | Structures of Neuroligin-1 and the Neuroligin-1/Neurexin-1 ² Complex Reveal Specific Protein-Protein and Protein-Ca ²⁺ Interactions. Neuron, 2007, 56, 992-1003. | 8.1 | 178 |
| 142 | Small-conductance Cl ⁻ channels contribute to volume regulation and phagocytosis in microglia. European Journal of Neuroscience, 2007, 26, 2119-2130. | 2.6 | 60 |
| 143 | Integration of K ⁺ and Cl ⁻ currents regulate steady-state and dynamic membrane potentials in cultured rat microglia. Journal of Physiology, 2005, 567, 869-890. | 2.9 | 67 |
| 144 | T-cell protein tyrosine phosphatase deletion results in progressive systemic inflammatory disease. Blood, 2004, 103, 3457-3464. | 1.4 | 152 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Regulation of a TRPM7-like Current in Rat Brain Microglia. Journal of Biological Chemistry, 2003, 278, 42867-42876. | 3.4 | 143 |
| 146 | Characterization of a novel metabolic strategy used by drug-resistant tumor cells. FASEB Journal, 2002, 16, 1550-1557. | 0.5 | 167 |
| 147 | Functional Up-regulation of HERG K ⁺ Channels in Neoplastic Hematopoietic Cells. Journal of Biological Chemistry, 2002, 277, 18528-18534. | 3.4 | 169 |
| 148 | Cell Surface Targeting and Clustering Interactions between Heterologously Expressed PSD-95 and the Shal Voltage-gated Potassium Channel, Kv4.2. Journal of Biological Chemistry, 2002, 277, 20423-20430. | 3.4 | 70 |
| 149 | Increased expression of CD40 on thymocytes and peripheral T cells in autoimmunity: a mechanism for acquiring changes in the peripheral T cell receptor repertoire.. International Journal of Molecular Medicine, 1999, 4, 231-42. | 4.0 | 29 |
| 150 | Transplantation of cells and tissues expressing Fas ligand. Transplantation Proceedings, 1999, 31, 1479-1481. | 0.6 | 10 |