

Helen M Mcguire

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

4,026
citations

331642

21
h-index

128286

60
g-index

70
all docs

70
docs citations

70
times ranked

9063
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	2.9	766
2	A Fundamental Role for Interleukin-21 in the Generation of T Follicular Helper Cells. <i>Immunity</i> , 2008, 29, 127-137.	14.3	646
3	Distinct Immune Cell Populations Define Response to Anti-PD-1 Monotherapy and Anti-PD-1/Anti-CTLA-4 Combined Therapy. <i>Cancer Cell</i> , 2019, 35, 238-255.e6.	16.8	547
4	CXCL13 is a plasma biomarker of germinal center activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2702-2707.	7.1	322
5	Integrated, Multi-cohort Analysis Identifies Conserved Transcriptional Signatures across Multiple Respiratory Viruses. <i>Immunity</i> , 2015, 43, 1199-1211.	14.3	197
6	Cytokine-Induced β 2-Cell Death Is Independent of Endoplasmic Reticulum Stress Signaling. <i>Diabetes</i> , 2008, 57, 3034-3044.	0.6	123
7	Individual heritable differences result in unique cell lymphocyte receptor repertoires of naïve and antigen-experienced cells. <i>Nature Communications</i> , 2016, 7, 11112.	12.8	123
8	A Subset of Interleukin-21+ Chemokine Receptor CCR9+ T Helper Cells Target Accessory Organs of the Digestive System in Autoimmunity. <i>Immunity</i> , 2011, 34, 602-615.	14.3	104
9	Non-invasive Imaging of Idiopathic Pulmonary Fibrosis Using Cathepsin Protease Probes. <i>Scientific Reports</i> , 2016, 6, 19755.	3.3	97
10	Immunotherapy-induced sarcoidosis in patients with melanoma treated with PD-1 checkpoint inhibitors: Case series and immunophenotypic analysis. <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 1277-1285.	1.9	89
11	Development of CAR T-cell lymphoma in 2 of 10 patients effectively treated with piggyBac-modified CD19 CAR T cells. <i>Blood</i> , 2021, 138, 1504-1509.	1.4	86
12	Interleukin-21 Is Critically Required in Autoimmune and Allogeneic Responses to Islet Tissue in Murine Models. <i>Diabetes</i> , 2011, 60, 867-875.	0.6	72
13	Loss of parity between IL-2 and IL-21 in the NOD Idd3 locus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19438-19443.	7.1	56
14	IL-21 and IL-4 Collaborate To Shape T-Dependent Antibody Responses. <i>Journal of Immunology</i> , 2015, 195, 5123-5135.	0.8	54
15	Anti-PD-1-induced high-grade hepatitis associated with corticosteroid-resistant T cells: a case report. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 563-573.	4.2	50
16	Mass Cytometry for the Assessment of Immune Reconstitution After Hematopoietic Stem Cell Transplantation. <i>Frontiers in Immunology</i> , 2018, 9, 1672.	4.8	46
17	The Analysis of CD83 Expression on Human Immune Cells Identifies a Unique CD83+ Activated T Cell Population. <i>Journal of Immunology</i> , 2016, 197, 4613-4625.	0.8	34
18	Expansion and activation of distinct central memory T lymphocyte subsets in complex regional pain syndrome. <i>Journal of Neuroinflammation</i> , 2019, 16, 63.	7.2	34

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19	The immune checkpoint CD96 defines a distinct lymphocyte phenotype and is highly expressed on tumor-infiltrating T cells. <i>Immunology and Cell Biology</i> , 2019, 97, 152-164.	2.3	29
20	Prophylactic antigen-specific T cells targeting seven viral and fungal pathogens after allogeneic haemopoietic stem cell transplant. <i>Clinical and Translational Immunology</i> , 2021, 10, e1249.	3.8	25
21	A blood dendritic cell vaccine for acute myeloid leukemia expands anti-tumor T cell responses at remission. <i>Oncolmmunology</i> , 2018, 7, e1419114.	4.6	24
22	Inflammation and Oral Contraceptive Use in Female Athletes Before the Rio Olympic Games. <i>Frontiers in Physiology</i> , 2020, 11, 497.	2.8	24
23	IgG 3 + B cells are associated with the development of multiple sclerosis. <i>Clinical and Translational Immunology</i> , 2020, 9, e01133.	3.8	23
24	Pretreatment Innate Cell Populations and CD4 T Cells in Blood Are Associated With Response to Immune Checkpoint Blockade in Melanoma Patients. <i>Frontiers in Immunology</i> , 2020, 11, 372.	4.8	20
25	Effects of storage time and temperature on highly multiparametric flow analysis of peripheral blood samples; implications for clinical trial samples. <i>Bioscience Reports</i> , 2021, 41, .	2.4	20
26	High-Dimensional Mass Cytometric Analysis Reveals an Increase in Effector Regulatory T Cells as a Distinguishing Feature of Colorectal Tumors. <i>Journal of Immunology</i> , 2019, 202, 1871-1884.	0.8	19
27	CCR9 Expressing T Helper and T Follicular Helper Cells Exhibit Site-Specific Identities During Inflammatory Disease. <i>Frontiers in Immunology</i> , 2019, 9, 2899.	4.8	19
28	Single-Cell Immune Profiling in Coronary Artery Disease: The Role of State-of-the-Art Immunophenotyping With Mass Cytometry in the Diagnosis of Atherosclerosis. <i>Journal of the American Heart Association</i> , 2020, 9, e017759.	3.7	19
29	IL-21 Contributes to Fatal Inflammatory Disease in the Absence of Foxp3+ T Regulatory Cells. <i>Journal of Immunology</i> , 2014, 192, 1404-1414.	0.8	18
30	Mass Cytometry Discovers Two Discrete Subsets of CD39 ^{hi} Treg Which Discriminate MGUS From Multiple Myeloma. <i>Frontiers in Immunology</i> , 2019, 10, 1596.	4.8	18
31	Mass cytometry reveals immune signatures associated with cytomegalovirus (CMV) control in recipients of allogeneic haemopoietic stem cell transplant and CMV-specific T cells. <i>Clinical and Translational Immunology</i> , 2020, 9, e1149.	3.8	18
32	Mapping the extent of heterogeneity of human CCR5+ CD4+ T cells in peripheral blood and lymph nodes. <i>Aids</i> , 2020, 34, 833-848.	2.2	17
33	The Promised Land of Human Immunology. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 203-213.	1.1	16
34	Circulating Endothelial Progenitor Cells Present an Inflammatory Phenotype and Function in Patients With Alcoholic Liver Cirrhosis. <i>Frontiers in Physiology</i> , 2018, 9, 556.	2.8	16
35	Inverse relationship between oligoclonal expanded CD69 ^{hi} TTE and CD69+ TTE cells in bone marrow of multiple myeloma patients. <i>Blood Advances</i> , 2020, 4, 4593-4604.	5.2	16
36	Third-party CMV- and EBV-specific T-cells for first viral reactivation after allogeneic stem cell transplant. <i>Blood Advances</i> , 2022, 6, 4949-4966.	5.2	16

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37	Collaboration between tumor-specific CD4+ T cells and B cells in anti-cancer immunity. <i>Oncotarget</i> , 2016, 7, 30211-30229.	1.8	15
38	Do innate killing mechanisms activated by inflammasomes have a role in treating melanoma?. <i>Pigment Cell and Melanoma Research</i> , 2020, 33, 660-670.	3.3	14
39	Identification through structure-based methods of a bacterial NAD ⁺ -dependent DNA ligase inhibitor that avoids known resistance mutations. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 360-366.	2.2	13
40	Pembrolizumab for anaplastic thyroid cancer: a case study. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1921-1934.	4.2	13
41	Pediatric Burn Survivors Have Long-Term Immune Dysfunction With Diminished Vaccine Response. <i>Frontiers in Immunology</i> , 2020, 11, 1481.	4.8	13
42	Comprehensive analysis utilizing flow cytometry and immunohistochemistry reveals inflammatory changes in local endometrial and systemic dendritic cell populations in endometriosis. <i>Human Reproduction</i> , 2021, 36, 415-428.	0.9	13
43	Peripheral B cell dysregulation is associated with relapse after long-term quiescence in patients with multiple sclerosis. <i>Immunology and Cell Biology</i> , 2022, 100, 453-467.	2.3	13
44	Rapidly expanded partially HLA DRB1-matched fungus-specific T cells mediate in vitro and in vivo antifungal activity. <i>Blood Advances</i> , 2020, 4, 3443-3456.	5.2	12
45	Making the most of high-dimensional cytometry data. <i>Immunology and Cell Biology</i> , 2021, 99, 680-696.	2.3	12
46	Expression, purification and characterization of recombinant interleukin-21. <i>Journal of Immunological Methods</i> , 2010, 362, 185-189.	1.4	10
47	Mass Cytometry Reveals a Sustained Reduction in CD16+ Natural Killer Cells Following Chemotherapy in Colorectal Cancer Patients. <i>Frontiers in Immunology</i> , 2019, 10, 2584.	4.8	9
48	Circulating and Endometrial Regulatory T Cell and Related Populations in Endometriosis and Infertility: Endometriosis Is Associated with Blunting of Endometrial Cyclical Effects and Reduced Proportions in Moderate-Severe Disease. <i>Reproductive Sciences</i> , 2022, 29, 229-242.	2.5	9
49	TCR deep sequencing of transgenic RAG-1-deficient mice reveals endogenous TCR recombination: a cause for caution. <i>Immunology and Cell Biology</i> , 2018, 96, 642-645.	2.3	8
50	Widespread alterations in the peripheral blood innate immune cell profile in cystic fibrosis reflect lung pathology. <i>Immunology and Cell Biology</i> , 2019, 97, 416-426.	2.3	8
51	Distinguishing human peripheral blood CD16 + myeloid cells based on phenotypic characteristics. <i>Journal of Leukocyte Biology</i> , 2020, 107, 323-339.	3.3	8
52	Ex vivo enrichment of PRAME antigen-specific T cells for adoptive immunotherapy using CD137 activation marker selection. <i>Clinical and Translational Immunology</i> , 2020, 9, e1200.	3.8	8
53	Immunoprofiling reveals cell subsets associated with the trajectory of cytomegalovirus reactivation post stem cell transplantation. <i>Nature Communications</i> , 2022, 13, 2603.	12.8	8
54	Staining of Phosphorylated Signalling Markers Protocol for Mass Cytometry. <i>Methods in Molecular Biology</i> , 2019, 1989, 139-146.	0.9	6

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55	Nicotinamide Inhibits T Cell Exhaustion and Increases Differentiation of CD8 Effector T Cells. <i>Cancers</i> , 2022, 14, 323.	3.7	6
56	Titration of Mass Cytometry Reagents. <i>Methods in Molecular Biology</i> , 2019, 1989, 83-92.	0.9	5
57	T lymphocyte and monocyte subsets are dysregulated in type 1 diabetes patients with peripheral neuropathic pain. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 15, 100283.	2.5	5
58	Brick plots: an intuitive platform for visualizing multiparametric immunophenotyped cell clusters. <i>BMC Bioinformatics</i> , 2020, 21, 145.	2.6	4
59	CD73+ CD127high Long-Term Memory CD4 T Cells Are Highly Proliferative in Response to Recall Antigens and Are Early Targets in HIV-1 Infection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 912.	4.1	2
60	Effect of community-based intervention on self-management of blood pressure among hypertensive adults: findings from the Communities for Healthy Hearts Quasi-experimental Study in Vietnam. <i>Journal of Global Health Science</i> , 2020, 2, .	0.3	2
61	Knowledge change related to hypertension in the Southern province of Vietnam: a community based, before and after intervention evaluation. <i>Journal of Global Health Science</i> , 2020, 2, .	0.3	2
62	Accumulation of CD69+ Terminal Effector CD8+ T cells occurs in the bone marrow of newly diagnosed Myeloma patients who lack protective clonal Vb expanded cytotoxic T cells. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, e29.	0.4	1
63	Facilitating factors and barriers to the implementation of hypertension prevention programs in Vietnam: lessons learned from the Communities for Healthy Hearts program. <i>Journal of Global Health Science</i> , 2020, 2, .	0.3	1
64	Bringing Mass Cytometry Into The Clinic. <i>Pathology</i> , 2019, 51, S52-S53.	0.6	0
65	Activated and Bone-marrow Resident Treg Alterations Underlie Malignant Transformation from MGUS to Multiple Myeloma. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, e100.	0.4	0
66	Abstract 2650: In depth immune profiling of the response of melanoma to MAPK inhibition. , 2016, , .		0