

# Helen M McGuire

## List of Publications by Citations

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**Version:** 2024-04-28

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58  
papers

2,610  
citations

19  
h-index

50  
g-index

70  
ext. papers

3,477  
ext. citations

6.9  
avg, IF

4.5  
L-index

#	Paper	IF	Citations
58	A fundamental role for interleukin-21 in the generation of T follicular helper cells. <i>Immunity</i> , <b>2008</b> , 29, 127-37	32.3	567
57	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1457-1973	6.1	485
56	Distinct Immune Cell Populations Define Response to Anti-PD-1 Monotherapy and Anti-PD-1/Anti-CTLA-4 Combined Therapy. <i>Cancer Cell</i> , <b>2019</b> , 35, 238-255.e6	24.3	230
55	CXCL13 is a plasma biomarker of germinal center activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 2702-7	11.5	204
54	Integrated, Multi-cohort Analysis Identifies Conserved Transcriptional Signatures across Multiple Respiratory Viruses. <i>Immunity</i> , <b>2015</b> , 43, 1199-211	32.3	118
53	Cytokine-induced beta-cell death is independent of endoplasmic reticulum stress signaling. <i>Diabetes</i> , <b>2008</b> , 57, 3034-44	0.9	114
52	A subset of interleukin-21+ chemokine receptor CCR9+ T helper cells target accessory organs of the digestive system in autoimmunity. <i>Immunity</i> , <b>2011</b> , 34, 602-15	32.3	92
51	Individual heritable differences result in unique cell lymphocyte receptor repertoires of naïve and antigen-experienced cells. <i>Nature Communications</i> , <b>2016</b> , 7, 11112	17.4	87
50	Interleukin-21 is critically required in autoimmune and allogeneic responses to islet tissue in murine models. <i>Diabetes</i> , <b>2011</b> , 60, 867-75	0.9	69
49	Non-invasive Imaging of Idiopathic Pulmonary Fibrosis Using Cathepsin Protease Probes. <i>Scientific Reports</i> , <b>2016</b> , 6, 19755	4.9	65
48	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> , <b>2017</b> , 20, 1277-1285	2.3	61
47	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> , <b>2009</b> , 106, 19438-43	11.5	51
46	IL-21 and IL-4 Collaborate To Shape T-Dependent Antibody Responses. <i>Journal of Immunology</i> , <b>2015</b> , 195, 5123-35	5.3	36
45	Anti-PD-1-induced high-grade hepatitis associated with corticosteroid-resistant T cells: a case report. <i>Cancer Immunology, Immunotherapy</i> , <b>2018</b> , 67, 563-573	7.4	35
44	Mass Cytometry for the Assessment of Immune Reconstitution After Hematopoietic Stem Cell Transplantation. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1672	8.4	27
43	Development of CAR T-cell lymphoma in 2 of 10 patients effectively treated with piggyBac-modified CD19 CAR T cells. <i>Blood</i> , <b>2021</b> , 138, 1504-1509	2.2	26
42	The Analysis of CD83 Expression on Human Immune Cells Identifies a Unique CD83+ Activated T Cell Population. <i>Journal of Immunology</i> , <b>2016</b> , 197, 4613-4625	5.3	24

41	A blood dendritic cell vaccine for acute myeloid leukemia expands anti-tumor T cell responses at remission. <i>Onc Immunology</i> , <b>2018</b> , 7, e1419114	7.2	21
40	Expansion and activation of distinct central memory T lymphocyte subsets in complex regional pain syndrome. <i>Journal of Neuroinflammation</i> , <b>2019</b> , 16, 63	10.1	19
39	IgG B cells are associated with the development of multiple sclerosis. <i>Clinical and Translational Immunology</i> , <b>2020</b> , 9, e01133	6.8	18
38	IL-21 contributes to fatal inflammatory disease in the absence of Foxp3+ T regulatory cells. <i>Journal of Immunology</i> , <b>2014</b> , 192, 1404-14	5.3	16
37	The immune checkpoint CD96 defines a distinct lymphocyte phenotype and is highly expressed on tumor-infiltrating T cells. <i>Immunology and Cell Biology</i> , <b>2019</b> , 97, 152-164	5	16
36	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> , <b>2019</b> , 202, 1871-1884	5.3	14
35	The promised land of human immunology. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , <b>2013</b> , 78, 203-13	3.9	14
34	Mass Cytometry Discovers Two Discrete Subsets of CD39Treg Which Discriminate MGUS From Multiple Myeloma. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1596	8.4	12
33	Circulating Endothelial Progenitor Cells Present an Inflammatory Phenotype and Function in Patients With Alcoholic Liver Cirrhosis. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 556	4.6	11
32	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> , <b>2014</b> , 24, 360-6	2.9	11
31	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> , <b>2020</b> , 11, 372	8.4	10
30	Pembrolizumab for anaplastic thyroid cancer: a case study. <i>Cancer Immunology, Immunotherapy</i> , <b>2019</b> , 68, 1921-1934	7.4	10
29	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> , <b>2020</b> , 9, e017759	6	10
28	CCR9 Expressing T Helper and T Follicular Helper Cells Exhibit Site-Specific Identities During Inflammatory Disease. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2899	8.4	10
27	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> , <b>2020</b> , 9, e1149	6.8	9
26	Do innate killing mechanisms activated by inflammasomes have a role in treating melanoma?. <i>Pigment Cell and Melanoma Research</i> , <b>2020</b> , 33, 660-670	4.5	9
25	Expression, purification and characterization of recombinant interleukin-21. <i>Journal of Immunological Methods</i> , <b>2010</b> , 362, 185-9	2.5	9
24	Mass Cytometry Reveals a Sustained Reduction in CD16 Natural Killer Cells Following Chemotherapy in Colorectal Cancer Patients. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2584	8.4	8

23	Inverse relationship between oligoclonal expanded CD69- TTE and CD69+ TTE cells in bone marrow of multiple myeloma patients. <i>Blood Advances</i> , <b>2020</b> , 4, 4593-4604	7.8	8
22	Prophylactic antigen-specific T-cells targeting seven viral and fungal pathogens after allogeneic haemopoietic stem cell transplant. <i>Clinical and Translational Immunology</i> , <b>2021</b> , 10, e1249	6.8	8
21	Inflammation and Oral Contraceptive Use in Female Athletes Before the Rio Olympic Games. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 497	4.6	7
20	Collaboration between tumor-specific CD4+ T cells and B cells in anti-cancer immunity. <i>Oncotarget</i> , <b>2016</b> , 7, 30211-29	3.3	7
19	Mapping the extent of heterogeneity of human CCR5+ CD4+ T cells in peripheral blood and lymph nodes. <i>Aids</i> , <b>2020</b> , 34, 833-848	3.5	5
18	TCR deep sequencing of transgenic RAG-1-deficient mice reveals endogenous TCR recombination: a cause for caution. <i>Immunology and Cell Biology</i> , <b>2018</b> , 96, 642-645	5	5
17	Distinguishing human peripheral blood CD16 myeloid cells based on phenotypic characteristics. <i>Journal of Leukocyte Biology</i> , <b>2020</b> , 107, 323-339	6.5	5
16	Pediatric Burn Survivors Have Long-Term Immune Dysfunction With Diminished Vaccine Response. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1481	8.4	5
15	Staining of Phosphorylated Signalling Markers Protocol for Mass Cytometry. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1989, 139-146	1.4	4
14	Titration of Mass Cytometry Reagents. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1989, 83-92	1.4	4
13	Rapidly expanded partially HLA DRB1-matched fungus-specific T cells mediate in vitro and in vivo antifungal activity. <i>Blood Advances</i> , <b>2020</b> , 4, 3443-3456	7.8	4
12	Making the most of high-dimensional cytometry data. <i>Immunology and Cell Biology</i> , <b>2021</b> , 99, 680-696	5	4
11	Comprehensive analysis utilizing flow cytometry and immunohistochemistry reveals inflammatory changes in local endometrial and systemic dendritic cell populations in endometriosis. <i>Human Reproduction</i> , <b>2021</b> , 36, 415-428	5.7	4
10	Effects of storage time and temperature on highly multiparametric flow analysis of peripheral blood samples; implications for clinical trial samples. <i>Bioscience Reports</i> , <b>2021</b> , 41,	4.1	4
9	enrichment of PRAME antigen-specific T cells for adoptive immunotherapy using CD137 activation marker selection. <i>Clinical and Translational Immunology</i> , <b>2020</b> , 9, e1200	6.8	3
8	Widespread alterations in the peripheral blood innate immune cell profile in cystic fibrosis reflect lung pathology. <i>Immunology and Cell Biology</i> , <b>2019</b> , 97, 416-426	5	3
7	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> , <b>2021</b> , 1	3	2
6	Brick plots: an intuitive platform for visualizing multiparametric immunophenotyped cell clusters. <i>BMC Bioinformatics</i> , <b>2020</b> , 21, 145	3.6	2

5	Nicotinamide Inhibits T Cell Exhaustion and Increases Differentiation of CD8 Effector T Cells.. <i>Cancers</i> , <b>2022</b> , 14,	6.6	1
4	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> , <b>2020</b> , 2,	2.2	1
3	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> , <b>2020</b> , 2,	2.2	1
2	T lymphocyte and monocyte subsets are dysregulated in type 1 diabetes patients with peripheral neuropathic pain. <i>Brain, Behavior, &amp; Immunity - Health</i> , <b>2021</b> , 15, 100283	5.1	1
1	Immunoprofiling reveals cell subsets associated with the trajectory of cytomegalovirus reactivation post stem cell transplantation.. <i>Nature Communications</i> , <b>2022</b> , 13, 2603	17.4	1