Nicholas A Gherardin

List of Publications by Year
in descending order

32 papers	4,576 citations	304602 22 h-index	414303 32 g-index
35 all docs	35 docs citations	35 times ranked	7536 citing authors

#	Article	IF	Citations
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
2	Antigen-loaded MR1 tetramers define T cell receptor heterogeneity in mucosal-associated invariant T cells. Journal of Experimental Medicine, 2013, 210, 2305-2320.	4.2	516
3	Humoral and circulating follicular helper T cell responses in recovered patients with COVID-19. Nature Medicine, 2020, 26, 1428-1434.	15.2	400
4	The biology and functional importance of MAIT cells. Nature Immunology, 2019, 20, 1110-1128.	7.0	364
5	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. Nature Immunology, 2016, 17, 1300-1311.	7.0	288
6	Butyrophilin 2A1 is essential for phosphoantigen reactivity by Î³Î´ T cells. Science, 2020, 367, .	6.0	275
7	CD1d-lipid antigen recognition by the Î³Î´ TCR. Nature Immunology, 2013, 14, 1137-1145.	7.0	256
8	A molecular basis underpinning the T cell receptor heterogeneity of mucosal-associated invariant T cells. Journal of Experimental Medicine, 2014, 211, 1585-1600.	4.2	245
9	Human blood MAIT cell subsets defined using MR1 tetramers. Immunology and Cell Biology, 2018, 96, 507-525.	1.0	205
10	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). European Journal of Immunology, 2021, 51, 2708-3145.	1.6	198
11	Drugs and drug-like molecules can modulate the function of mucosal-associated invariant T cells. Nature Immunology, 2017, 18, 402-411.	7.0	175
12	Diversity of T Cells Restricted by the MHC Class I-Related Molecule MR1 Facilitates Differential Antigen Recognition. Immunity, 2016, 44, 32-45.	6.6	169
13	Nanobody cocktails potently neutralize SARS-CoV-2 D614G N501Y variant and protect mice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	109
14	A class of Î³Î´ T cell receptors recognize the underside of the antigen-presenting molecule MR1. Science, 2019, 366, 1522-1527.	6.0	98
15	Enumeration, functional responses and cytotoxic capacity of MAIT cells in newly diagnosed and relapsed multiple myeloma. Scientific Reports, 2018, 8, 4159.	1.6	79
16	Diverse MR1-restricted T cells in mice and humans. Nature Communications, 2019, 10, 2243.	5.8	74
17	TCR Bias and Affinity Define Two Compartments of the CD1bâ€"Glycolipid-Specific T Cell Repertoire. Journal of Immunology, 2014, 192, 4054-4060.	0.4	64
18	Human Mucosal-Associated Invariant T Cells in Older Individuals Display Expanded TCRÎ±Î² Clonotypes with Potent Antimicrobial Responses. Journal of Immunology, 2020, 204, 1119-1133.	0.4	36

#	Article	IF	Citations
19	Atypical natural killer T-cell receptor recognition of CD1d–lipid antigens. Nature Communications, 2016, 7, 10570.	5.8	34
20	Simultaneous evaluation of antibodies that inhibit SARS-CoV-2 variants via multiplex assay. JCI Insight, 2021, 6, .	2.3	33
21	The Diverse Family of MR1-Restricted T Cells. Journal of Immunology, 2018, 201, 2862-2871.	0.4	31
22	A point-of-care lateral flow assay for neutralising antibodies against SARS-CoV-2. EBioMedicine, 2021, 74, 103729.	2.7	29
23	Influenza, but not SARS‐CoV‐2, infection induces a rapid interferon response that wanes with age and diminished tissue‐resident memory CD8^{+} T cells. Clinical and Translational Immunology, 2021, 10, e1242.	1.7	25
24	γδ T Cells in Merkel Cell Carcinomas Have a Proinflammatory Profile Prognostic of Patient Survival. Cancer Immunology Research, 2021, 9, 612-623.	1.6	22
25	Recognition of the antigen-presenting molecule MR1 by a Vγ3[+]γδ T cell receptor. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	22
26	Spontaneous onset and transplant models of the Vk*MYC mouse show immunological sequelae comparable to human multiple myeloma. Journal of Translational Medicine, 2016, 14, 259.	1.8	21
27	Characterization of Human Mucosal‐associated Invariant T (MAIT) Cells. Current Protocols in Immunology, 2019, 127, e90.	3.6	11
28	Are NKT cells a useful predictor of COVID-19 severity?. Immunity, 2022, 55, 185-187.	6.6	9
29	OMIP‐021: Simultaneous quantification of human conventional and innate‐like T‐cell subsets. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 573-575.	1.1	7
30	CD36 family members are TCR-independent ligands for CD1 antigen–presenting molecules. Science Immunology, 2021, 6, .	5.6	7
31	A Radio-Resistant Perforin-Expressing Lymphoid Population Controls Allogeneic T Cell Engraftment, Activation, and Onset of Graft-versus-Host Disease in Mice. Biology of Blood and Marrow Transplantation, 2015, 21, 242-249.	2.0	3
32	Differential antigenic requirements by diverse MR1‐restricted T cells. Immunology and Cell Biology, 2022, 100, 112-126.	1.0	3