

# Nicola L Harris

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99 papers	7,874 citations	38 h-index	88 g-index
108 ext. papers	9,246 ext. citations	12.7 avg, IF	6.05 L-index

#	Paper	IF	Citations
99	Gut microbiota metabolism of dietary fiber influences allergic airway disease and hematopoiesis. <i>Nature Medicine</i> , <b>2014</b> , 20, 159-66	50.5	1538
98	Interactions between commensal intestinal bacteria and the immune system. <i>Nature Reviews Immunology</i> , <b>2004</b> , 4, 478-85	36.5	1141
97	Toll-like receptor engagement converts T-cell autoreactivity into overt autoimmune disease. <i>Nature Medicine</i> , <b>2005</b> , 11, 138-45	50.5	316
96	Dysregulation of allergic airway inflammation in the absence of microbial colonization. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 184, 198-205	10.2	306
95	Neuronal regulation of type 2 innate lymphoid cells via neuromedin U. <i>Nature</i> , <b>2017</b> , 549, 277-281	50.4	300
94	The Intestinal Microbiota Contributes to the Ability of Helminths to Modulate Allergic Inflammation. <i>Immunity</i> , <b>2015</b> , 43, 998-1010	32.3	260
93	Cre-mediated cell ablation contests mast cell contribution in models of antibody- and T cell-mediated autoimmunity. <i>Immunity</i> , <b>2011</b> , 35, 832-44	32.3	254
92	Aggravation of viral hepatitis by platelet-derived serotonin. <i>Nature Medicine</i> , <b>2008</b> , 14, 756-61	50.5	192
91	Differential T cell function and fate in lymph node and nonlymphoid tissues. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 195, 317-26	16.6	173
90	Mechanisms of neonatal mucosal antibody protection. <i>Journal of Immunology</i> , <b>2006</b> , 177, 6256-62	5.3	167
89	Helminth products bypass the need for TSLP in Th2 immune responses by directly modulating dendritic cell function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 13968-73	11.5	142
88	IL-21 receptor signaling is integral to the development of Th2 effector responses in vivo. <i>Blood</i> , <b>2007</b> , 109, 2023-31	2.2	141
87	Inverse correlation between IL-7 receptor expression and CD8 T cell exhaustion during persistent antigen stimulation. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 738-45	6.1	132
86	Polyclonal and specific antibodies mediate protective immunity against enteric helminth infection. <i>Cell Host and Microbe</i> , <b>2008</b> , 4, 362-73	23.4	129
85	The role of B7 costimulation in T-cell immunity. <i>Immunology and Cell Biology</i> , <b>1999</b> , 77, 304-11	5	123
84	Immunoprivileged status of the liver is controlled by Toll-like receptor 3 signaling. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 2456-63	15.9	123
83	To B or not to B: B cells and the Th2-type immune response to helminths. <i>Trends in Immunology</i> , <b>2011</b> , 32, 80-8	14.4	115

82	CD80 costimulation is essential for the induction of airway eosinophilia. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 177-82	16.6	108
81	Recent Advances in Type-2-Cell-Mediated Immunity: Insights from Helminth Infection. <i>Immunity</i> , <b>2017</b> , 47, 1024-1036	32.3	97
80	Interactions between the intestinal microbiome and helminth parasites. <i>Parasite Immunology</i> , <b>2016</b> , 38, 5-11	2.2	93
79	IL-1 $\beta$ suppresses innate IL-25 and IL-33 production and maintains helminth chronicity. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003531	7.6	91
78	Intestinal bacteria condition dendritic cells to promote IgA production. <i>PLoS ONE</i> , <b>2008</b> , 3, e2588	3.7	89
77	Natural IgE production in the absence of MHC Class II cognate help. <i>Immunity</i> , <b>2006</b> , 24, 329-39	32.3	88
76	Differential requirement for CD80 and CD80/CD86-dependent costimulation in the lung immune response to an influenza virus infection. <i>Journal of Immunology</i> , <b>2000</b> , 164, 79-85	5.3	79
75	Antibodies trap tissue migrating helminth larvae and prevent tissue damage by driving IL-4R $\beta$ -independent alternative differentiation of macrophages. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003771	7.6	78
74	<i>Nippostrongylus brasiliensis</i> infection leads to the development of emphysema associated with the induction of alternatively activated macrophages. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 479-88	6.1	77
73	Deliberate removal of T cell help improves virus-neutralizing antibody production. <i>Nature Immunology</i> , <b>2004</b> , 5, 934-42	19.1	74
72	Enteric helminth-induced type I interferon signaling protects against pulmonary virus infection through interaction with the microbiota. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 1068-1078.e8	11.5	70
71	Bystander suppression of allergic airway inflammation by lung resident memory CD8 $^{+}$ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 6116-21	11.5	64
70	Tissue macrophages suppress viral replication and prevent severe immunopathology in an interferon-I-dependent manner in mice. <i>Hepatology</i> , <b>2010</b> , 52, 25-32	11.2	62
69	The functions of mucosal T cells in containing the indigenous commensal flora of the intestine. <i>Cellular and Molecular Life Sciences</i> , <b>2002</b> , 59, 2088-96	10.3	61
68	Concerted activity of IgG1 antibodies and IL-4/IL-25-dependent effector cells trap helminth larvae in the tissues following vaccination with defined secreted antigens, providing sterile immunity to challenge infection. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004676	7.6	51
67	Intestinal bacteria induce TSLP to promote mutualistic T-cell responses. <i>Mucosal Immunology</i> , <b>2013</b> , 6, 1157-67	9.2	50
66	Blockade of CD28/B7 co-stimulation by mCTLA4-Hgamma1 inhibits antigen-induced lung eosinophilia but not Th2 cell development or recruitment in the lung. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 155-61	6.1	49
65	Helminth-Bacterial Interactions: Cause and Consequence. <i>Trends in Immunology</i> , <b>2018</b> , 39, 724-733	14.4	42

64	CTLA4-Ig inhibits optimal T helper 2 cell development but not protective immunity or memory response to <i>Nippostrongylus brasiliensis</i> . <i>European Journal of Immunology</i> , <b>1999</b> , 29, 311-6	6.1	42
63	Nonneutralizing antibodies binding to the surface glycoprotein of lymphocytic choriomeningitis virus reduce early virus spread. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 2033-42	16.6	40
62	Antibodies and IL-3 support helminth-induced basophil expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 14954-9	11.5	38
61	Expression of lymphotoxin beta governs immunity at two distinct levels. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 2061-75	6.1	38
60	Lymphotoxin-Dependent B Cell-FRC Crosstalk Promotes De Novo Follicle Formation and Antibody Production following Intestinal Helminth Infection. <i>Cell Reports</i> , <b>2016</b> , 15, 1527-1541	10.6	38
59	Mucosal immune responses following intestinal nematode infection. <i>Parasite Immunology</i> , <b>2014</b> , 36, 439-52	2.2	37
58	KAP1 regulates gene networks controlling T-cell development and responsiveness. <i>FASEB Journal</i> , <b>2012</b> , 26, 4561-75	0.9	37
57	Interactions between fibroblastic reticular cells and B cells promote mesenteric lymph node lymphangiogenesis. <i>Nature Communications</i> , <b>2017</b> , 8, 367	17.4	32
56	KAP1 regulates gene networks controlling mouse B-lymphoid cell differentiation and function. <i>Blood</i> , <b>2012</b> , 119, 4675-85	2.2	31
55	CD4+ and CD8+ T cells exhibit differential requirements for CCR7-mediated antigen transport during influenza infection. <i>Journal of Immunology</i> , <b>2008</b> , 181, 6984-94	5.3	31
54	The emerging roles of eosinophils in mucosal homeostasis. <i>Mucosal Immunology</i> , <b>2020</b> , 13, 574-583	9.2	30
53	Hookworms Evade Host Immunity by Secreting a Deoxyribonuclease to Degrade Neutrophil Extracellular Traps. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 277-289.e6	23.4	29
52	NMR spectroscopy of single sub-nL ova with inductive ultra-compact single-chip probes. <i>Scientific Reports</i> , <b>2017</b> , 7, 44670	4.9	28
51	TSLP promotes influenza-specific CD8+ T-cell responses by augmenting local inflammatory dendritic cell function. <i>Mucosal Immunology</i> , <b>2013</b> , 6, 83-92	9.2	28
50	The mucosal adjuvant cholera toxin B instructs non-mucosal dendritic cells to promote IgA production via retinoic acid and TGF- $\beta$ . <i>PLoS ONE</i> , <b>2013</b> , 8, e59822	3.7	27
49	Immune antibodies and helminth products drive CXCR2-dependent macrophage-myofibroblast crosstalk to promote intestinal repair. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004778	7.6	24
48	Microbiota Analysis Using an Illumina MiSeq Platform to Sequence 16S rRNA Genes. <i>Current Protocols in Mouse Biology</i> , <b>2017</b> , 7, 100-129	1.1	22
47	Antibody-mediated trapping of helminth larvae requires CD11b and Fc $\gamma$ receptor I. <i>Journal of Immunology</i> , <b>2015</b> , 194, 1154-63	5.3	22

46	Neutrophil-macrophage cooperation and its impact on tissue repair. <i>Immunology and Cell Biology</i> , <b>2019</b> , 97, 289-298	5	21
45	Human U6 promoter drives stronger shRNA activity than its schistosome orthologue in <i>Schistosoma mansoni</i> and human fibrosarcoma cells. <i>Transgenic Research</i> , <b>2012</b> , 21, 511-21	3.3	21
44	A lymphocytic choriomeningitis virus glycoprotein variant that is retained in the endoplasmic reticulum efficiently cross-primes CD8(+) T cell responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 13426-31	11.5	21
43	An anti-inflammatory eicosanoid switch mediates the suppression of type-2 inflammation by helminth larval products. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	20
42	Specific repair by discerning macrophages. <i>Science</i> , <b>2017</b> , 356, 1014	33.3	19
41	CD80 costimulation is required for Th2 cell cytokine production but not for antigen-specific accumulation and migration into the lung. <i>Journal of Immunology</i> , <b>2001</b> , 166, 4908-14	5.3	19
40	Interactions between macrophages and helminths. <i>Parasite Immunology</i> , <b>2020</b> , 42, e12717	2.2	17
39	Microbial metabolism of L-tyrosine protects against allergic airway inflammation. <i>Nature Immunology</i> , <b>2021</b> , 22, 279-286	19.1	17
38	Parasite Proximity Drives the Expansion of Regulatory T Cells in Peyer's Patches following Intestinal Helminth Infection. <i>Infection and Immunity</i> , <b>2015</b> , 83, 3657-65	3.7	16
37	Understanding the role of antibodies in murine infections with <i>Heligmosomoides (polygyrus) bakeri</i> : 35 years ago, now and 35 years ahead. <i>Parasite Immunology</i> , <b>2014</b> , 36, 115-24	2.2	16
36	Links Between Inflammatory Bowel Disease and Chronic Obstructive Pulmonary Disease. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 2144	8.4	16
35	Advances in helminth immunology: optimism for future vaccine design?. <i>Trends in Parasitology</i> , <b>2011</b> , 27, 288-93	6.4	15
34	HVEM signalling promotes colitis. <i>PLoS ONE</i> , <b>2011</b> , 6, e18495	3.7	15
33	The Study of Host Immune Responses Elicited by the Model Murine Hookworms <i>Nippostrongylus brasiliensis</i> and <i>Heligmosomoides polygyrus</i> . <i>Current Protocols in Mouse Biology</i> , <b>2017</b> , 7, 236-286	1.1	14
32	House dust mite drives proinflammatory eicosanoid reprogramming and macrophage effector functions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 1090-1101	9.3	14
31	Thymic stromal lymphopoietin plays divergent roles in murine models of atopic and nonatopic airway inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 69, 1333-42	9.3	13
30	Infection with a small intestinal helminth, <i>Heligmosomoides polygyrus bakeri</i> , consistently alters microbial communities throughout the murine small and large intestine. <i>International Journal for Parasitology</i> , <b>2020</b> , 50, 35-46	4.3	13
29	The Intestinal Epithelium at the Forefront of Host-Helminth Interactions. <i>Trends in Parasitology</i> , <b>2020</b> , 36, 761-772	6.4	13

28	IL-4R $\alpha$ -Expressing B Cells Are Required for CXCL13 Production by Fibroblastic Reticular Cells. <i>Cell Reports</i> , <b>2019</b> , 27, 2442-2458.e5	10.6	12
27	ILC2s-Trailblazers in the Host Response Against Intestinal Helminths. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 623	8.4	11
26	IMMUNOLOGY. The enigmatic tuft cell in immunity. <i>Science</i> , <b>2016</b> , 351, 1264-5	33.3	11
25	The interplay of type 2 immunity, helminth infection and the microbiota in regulating metabolism. <i>Clinical and Translational Immunology</i> , <b>2019</b> , 8, e01089	6.8	11
24	Cell-wall deficient L. monocytogenes L-forms feature abrogated pathogenicity. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2014</b> , 4, 60	5.9	8
23	Public, private and non-specific antibodies induced by non-cytopathic viral infections. <i>Current Opinion in Microbiology</i> , <b>2004</b> , 7, 426-33	7.9	8
22	Microbiome-induced antigen-presenting cell recruitment coordinates skin and lung allergic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 1049-1062.e7	11.5	7
21	Enteric neuroimmune interactions coordinate intestinal responses in health and disease. <i>Mucosal Immunology</i> , <b>2021</b> ,	9.2	7
20	Inflammatory arthritis and systemic bone loss are attenuated by gastrointestinal helminth parasites. <i>Autoimmunity</i> , <b>2017</b> , 50, 151-157	3	6
19	Immune serum-activated human macrophages coordinate with eosinophils to immobilize <i>Ascaris suum</i> larvae. <i>Parasite Immunology</i> , <b>2020</b> , 42, e12728	2.2	5
18	Intestinal epithelial tuft cell induction is negated by a murine helminth and its secreted products. <i>Journal of Experimental Medicine</i> , <b>2022</b> , 219,	16.6	5
17	Intimate gut interactions: helminths and the microbiota. <i>Cell Research</i> , <b>2016</b> , 26, 861-2	24.7	4
16	Tissue localization and frequency of antigen-specific effector CD4 T cells determines the development of allergic airway inflammation. <i>Immunology and Cell Biology</i> , <b>2005</b> , 83, 490-7	5	3
15	Only Two Can Tango: Mast Cells Displace Epithelial Cells to Dance with ILC2s. <i>Immunity</i> , <b>2017</b> , 46, 766-768	9.3	2
14	Nuclear factor of activated T (NFAT) cells activity within CD4+ T cells is influenced by activation status and tissue localisation. <i>Microbes and Infection</i> , <b>2006</b> , 8, 232-7	9.3	2
13	Requirement for neutralizing antibodies to control bone marrow transplantation-associated persistent viral infection and to reduce immunopathology. <i>Journal of Immunology</i> , <b>2005</b> , 175, 5524-31	5.3	2
12	Microbial regulation of intestinal motility provides resistance against helminth infection.. <i>Mucosal Immunology</i> , <b>2022</b> ,	9.2	2
11	Helminths and microbiota - partners in arthritis prevention?. <i>Nature Reviews Rheumatology</i> , <b>2019</b> , 15, 454-455	8.1	1

10	Immunology: Chronic effects of acute infections. <i>Nature</i> , <b>2015</b> , 526, 509-10	50.4	1
9	Microbiome and Allergy <b>2016</b> , 336-345		1
8	Exploiting Old Pathogens to Create New Therapeutics. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 705-707	23.4	1
7	Preparation of Larvae for the Study of Host Skin Response. <i>Bio-protocol</i> , <b>2020</b> , 10, e3849	0.9	0
6	CMOS and 3D Printing for NMR Spectroscopy at the Single Embryo Scale. <i>Chimia</i> , <b>2019</b> , 73, 635	1.3	
5	A helminth-induced antimicrobial protein. <i>Science</i> , <b>2021</b> , 374, 682-683	33.3	
4	A Dangerous Liaison with a Conscience. <i>Immunity</i> , <b>2020</b> , 53, 702-704	32.3	
3	Nicola L. Harris: Tracking Down That Gut Feeling. <i>Trends in Parasitology</i> , <b>2016</b> , 32, 507-508	6.4	
2	The microbiota and susceptibility to asthma <b>2016</b> , 361-370		
1	Novel High-Throughput Fluorescence-Based Assay for the Identification of Nematocidal Compounds That Target the Blood-Feeding Pathway. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 669	5.2	