Ann Ager

List of Publications by Year in Descending Order

71 papers	3,010 citations	30 h-index	54 g-index
77 ext. papers	3,449 ext. citations	7.7 avg, IF	5.19 L-index

#	Paper	IF	Citations
71	LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency.. *Med*, **2021**, 2, 1231-1252.e10	31.7	4
70	Quantifying the limits of CAR T-cell delivery in mice and men. *Journal of the Royal Society Interface*, **2021**, 18, 20201013	4.1	3
69	Primary breast tumours but not lung metastases induce protective anti-tumour immune responses after Treg-depletion. *Cancer Immunology, Immunotherapy*, **2020**, 69, 2063-2073	7.4	4
68	Molecular pathology of Lynch syndrome. *Journal of Pathology*, **2020**, 250, 518-531	9.4	39
67	Standing up for immunology. *Nature Immunology*, **2020**, 21, 239-240	19.1	
66	Genome-wide CRISPR-Cas9 screening reveals ubiquitous T cell cancer targeting via the monomorphic MHC class I-related protein MR1. *Nature Immunology*, **2020**, 21, 178-185	19.1	104
65	Tetraspanin CD53 Promotes Lymphocyte Recirculation by Stabilizing L-Selectin Surface Expression. *IScience*, **2020**, 23, 101104	6.1	6
64	ADAM17-dependent proteolysis of L-selectin promotes early clonal expansion of cytotoxic T cells. *Scientific Reports*, **2019**, 9, 5487	4.9	10
63	High endothelial venules are associated with microsatellite instability, hereditary background and immune evasion in colorectal cancer. *British Journal of Cancer*, **2019**, 121, 395-404	8.7	9
62	L-Selectin Enhanced T Cells Improve the Efficacy of Cancer Immunotherapy. *Frontiers in Immunology* , **2019**, 10, 1321	8.4	30
61	Lynch syndrome - cancer pathways, heterogeneity and immune escape. *Journal of Pathology*, **2018**, 246, 129-133	9.4	19
60	Defining High Endothelial Venules and Tertiary Lymphoid Structures in Cancer. *Methods in Molecular Biology*, **2018**, 1845, 99-118	1.4	13
59	TMEFF2 shedding is regulated by oxidative stress and mediated by ADAMs and transmembrane serine proteases implicated in prostate cancer. *Cell Biology International*, **2018**, 42, 273-280	4.5	5
58	Peptide mimic for influenza vaccination using nonnatural combinatorial chemistry. *Journal of Clinical Investigation*, **2018**, 128, 1569-1580	15.9	19
57	Treg Depletion Licenses T Cell-Driven HEV Neogenesis and Promotes Tumor Destruction. *Cancer Immunology Research*, **2017**, 5, 1005-1015	12.5	45
56	High Endothelial Venules and Other Blood Vessels: Critical Regulators of Lymphoid Organ Development and Function. *Frontiers in Immunology*, **2017**, 8, 45	8.4	87
55	Tertiary Lymphoid Structures in Cancer: Drivers of Antitumor Immunity, Immunosuppression, or Bystander Sentinels in Disease?. *Frontiers in Immunology*, **2017**, 8, 1830	8.4	101

54	L-selectin Is Essential for Delivery of Activated CD8(+) T Cells to Virus-Infected Organs for Protective Immunity. *Cell Reports*, **2016**, 14, 760-771	10.6	26
53	O2-10-03: Mapping Changes to Vascular Health in Alzheimer's Disease: The Role of EPHA1 Risk Alleles **2016**, 12, P251-P251		1
52	SHP-1: the next checkpoint target for cancer immunotherapy?. *Biochemical Society Transactions*, **2016**, 44, 356-62	5.1	31
51	Homing to solid cancers: a vascular checkpoint in adoptive cell therapy using CAR T-cells. *Biochemical Society Transactions*, **2016**, 44, 377-85	5.1	33
50	Purity of transferred CD8(+) T cells is crucial for safety and efficacy of combinatorial tumor immunotherapy in the absence of SHP-1. *Immunology and Cell Biology*, **2016**, 94, 802-8	5	12
49	High endothelial venules are rare in colorectal cancers but accumulate in extra-tumoral areas with disease progression. *OncoImmunology*, **2015**, 4, e974374	7.2	45
48	Understanding high endothelial venules: Lessons for cancer immunology. *OncoImmunology*, **2015**, 4, e1008791	7.2	55
47	A distinct chemokine axis does not account for enrichment of Foxp3(+) CD4(+) T cells in carcinogen-induced fibrosarcomas. *Immunology*, **2015**, 145, 94-104	7.8	5
46	Enhancement of T cell responses as a result of synergy between lower doses of radiation and T cell stimulation. *Journal of Immunology*, **2014**, 192, 3101-10	5.3	19
45	Progression of carcinogen-induced fibrosarcomas is associated with the accumulation of naïve CD4+ T cells via blood vessels and lymphatics. *International Journal of Cancer*, **2014**, 134, 2156-67	7.5	7
44	High endothelial venules: Help or hindrance in the quest for antitumor immunity?. *OncoImmunology* , **2013**, 2, e24272	7.2	2
43	Avidity of influenza-specific memory CD8+ T-cell populations decays over time compromising antiviral immunity. *European Journal of Immunology*, **2012**, 42, 3235-42	6.1	3
42	T-cell trafficking facilitated by high endothelial venules is required for tumor control after regulatory T-cell depletion. *Cancer Research*, **2012**, 72, 5473-82	10.1	83
41	ADAMs and Ectododomain Proteolytic Shedding in Leucocyte Migration: Focus on L-Selectin and ADAM17. *Current Immunology Reviews*, **2012**, 8, 103-117	1.3	3
40	Modulation of integrin α4β1 by ADAM28 promotes lymphocyte adhesion and transendothelial migration. *Cell Biology International*, **2011**, 35, 1043-53	4.5	19
39	Development of Lymph Node Circulation and Homing Mechanisms **2011**, 75-94		1
38	Cyclical expression of L-selectin (CD62L) by recirculating T cells. *International Immunology*, **2009**, 21, 443-55	4.9	22
37	ADAMs and Ectodomain Proteolytic Shedding in Leukocyte and Tumour Cell Migration. *Translational Research in Biomedicine*, **2009**, 83-101	0.1	

36	Phosphatidylinositol-3-OH kinase and nutrient-sensing mTOR pathways control T lymphocyte trafficking. *Nature Immunology*, **2008**, 9, 513-21	19.1	318
35	Effects of donor T-cell trafficking and priming site on graft-versus-host disease induction by naive and memory phenotype CD4 T cells. *Blood*, **2008**, 111, 5242-51	2.2	63
34	CD62L (L-selectin) down-regulation does not affect memory T cell distribution but failure to shed compromises anti-viral immunity. *Journal of Immunology*, **2008**, 180, 198-206	5.3	26
33	T lymphocyte rolling and recruitment into peripheral lymph nodes is regulated by a saturable density of L-selectin (CD62L). *European Journal of Immunology*, **2007**, 37, 1243-53	6.1	25
32	Mutagenesis of the ezrin-radixin-moesin binding domain of L-selectin tail affects shedding, microvillar positioning, and leukocyte tethering. *Journal of Biological Chemistry*, **2004**, 279, 33263-72	5.4	67
31	L-selectin shedding does not regulate constitutive T cell trafficking but controls the migration pathways of antigen-activated T lymphocytes. *Journal of Experimental Medicine*, **2003**, 198, 1323-35	16.6	108
30	Activation of pertussis toxin-sensitive CXCL12 (SDF-1) receptors mediates transendothelial migration of T lymphocytes across lymph node high endothelial cells. *European Journal of Immunology*, **2002**, 32, 837-47	6.1	65
29	The cytoplasmic tail of L-selectin interacts with members of the Ezrin-Radixin-Moesin (ERM) family of proteins: cell activation-dependent binding of Moesin but not Ezrin. *Journal of Biological Chemistry*, **2002**, 277, 2321-9	5.4	78
28	Transendothelial migration of lymphocytes across high endothelial venules into lymph nodes is affected by metalloproteinases. *Blood*, **2001**, 98, 688-95	2.2	109
27	Roles of alpha(4) integrins/VCAM-1 and LFA-1/ICAM-1 in the binding and transendothelial migration of T lymphocytes and T lymphoblasts across high endothelial venules. *International Immunology*, **2000**, 12, 241-51	4.9	46
26	Tissue inhibitor of metalloproteinases-3 inhibits shedding of L-selectin from leukocytes. *Journal of Biological Chemistry*, **1999**, 274, 2810-5	5.4	99
25	Novel chondroitin sulfate-modified ligands for L-selectin on lymph node high endothelial venules. *European Journal of Immunology*, **1999**, 29, 419-30	6.1	20
24	Adhesion molecule sheddases **1999**, 163-186		1
23	Novel chondroitin sulfate-modified ligands for L-selectin on lymph node high endothelial venules **1999**, 29, 419		1
22	Alpha 6 integrins are required for Langerhans cell migration from the epidermis. *Journal of Experimental Medicine*, **1997**, 186, 1725-35	16.6	155
21	Purification of L-selectin ligands synthesised by rat peripheral lymph nodes and cultured high endothelial cells. *Biochemical Society Transactions*, **1997**, 25, 260S	5.1	2
20	Adhesion molecules used by T lymphoblasts to interact with cultured high endothelial cells. *Biochemical Society Transactions*, **1997**, 25, 261S	5.1	
19	ICAMs redistributed by chemokines to cellular uropods as a mechanism for recruitment of T lymphocytes. *Journal of Cell Biology*, **1997**, 137, 493-508	7.3	114

18	Metalloproteinase-mediated regulation of L-selectin levels on leucocytes. *Journal of Biological Chemistry*, **1996**, 271, 11634-40	5.4	172
17	Transendothelial migration of lymphocytes in vitro **1996**, 1355-1367		
16	Migration pathways of CD4 T cell subsets in vivo: the CD45RC- subset enters the thymus via alpha 4 integrin-VCAM-1 interaction. *International Immunology*, **1995**, 7, 1861-71	4.9	42
15	Lymphocyte-vascular endothelial cell interactions in the immune response. *Clinical and Experimental Immunology*, **1993**, 93 Suppl 1, 5-6	6.2	2
14	Allograft rejection in CD4+ T cell-reconstituted athymic nude rats--the nonessential role of host-derived CD8+ cells. *Transplantation*, **1992**, 53, 477-82	1.8	17
13	ICAM-1-independent lymphocyte transmigration across high endothelium: differential up-regulation by interferon gamma, tumor necrosis factor-alpha and interleukin 1 beta. *European Journal of Immunology*, **1992**, 22, 219-26	6.1	58
12	Integrin a4?1: Its Structure, Ligand-Binding Specificity and Role in Lymphocyte-Endothelial Cell Interactions. *Chemical Immunology and Allergy*, **1991**, 50, 55-74		
11	Allospecific recognition of hemic cells in vitro by natural killer cells from athymic rats: evidence that allodeterminants coded for by single major histocompatibility complex haplotypes are recognized. *European Journal of Immunology*, **1991**, 21, 2167-75	6.1	45
10	T cell receptor-bearing cells among rat intestinal intraepithelial lymphocytes are mainly alpha/beta+ and are thymus dependent. *European Journal of Immunology*, **1990**, 20, 1193-6	6.1	35
9	Use of synthetic peptides to probe lymphocyte--high endothelial cell interactions. Lymphocytes recognize a ligand on the endothelial surface which contains the CS1 adhesion motif. *International Immunology*, **1990**, 2, 921-8	4.9	39
8	Interaction between lymphocytes and cultured high endothelial cells: an in vitro model of lymphocyte migration across high endothelial venule endothelium. *European Journal of Immunology* , **1988**, 18, 1265-74	6.1	54
7	Major histocompatibility complex control of NK-related allogeneic lymphocyte cytotoxicity in rats. The contributions of strong and medial transplantation antigens. *Transplantation*, **1988**, 46, 762-7	1.8	19
6	Heterogeneity in endothelial cells from large vessels and microvessels. *Differentiation*, **1987**, 36, 57-70	3.5	210
5	Regulation of prostaglandin production and ectoenzyme activities in cultured aortic endothelial cells. *Journal of Cellular Physiology*, **1983**, 116, 45-50	7	17
4	Effects of isolation and culture on prostaglandin synthesis by porcine aortic endothelial and smooth muscle cells. *Journal of Cellular Physiology*, **1982**, 110, 9-16	7	112
3	Effects of vasoactive and inflammatory agents on cyclic AMP levels in W138 fibroblasts, endothelial and vascular smooth muscle cells in culture. *Agents and Actions*, **1980**, 10, 569-72		5
2	Radioimmunoassay of 6-oxoprostaglandin F1 alpha and prostaglandin E2 produced by pig aortic endothelium in culture [proceedings]. *Biochemical Society Transactions*, **1979**, 7, 1065-6	5.1	7
1	LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency		3