Lydia Lynch

List of Publications by Year in Descending Order

46 papers	3,506 citations	28 h-index	59 g-index
59 ext. papers	4,489 ext. citations	13.8 avg, IF	5.37 L-index

#	Paper	IF	Citations
46	Suppressive effects of the obese tumor microenvironment on CD8 T cell infiltration and effector function.. *Journal of Experimental Medicine*, **2022**, 219,	16.6	2
45	Diet, lipids, and antitumor immunity.. *Cellular and Molecular Immunology*, **2022**,	15.4	2
44	High-Fat Diet Rapidly Modifies Trafficking, Phenotype, and Function of Plasmacytoid Dendritic Cells in Adipose Tissue.. *Journal of Immunology*, **2022**, 208, 1445-1455	5.3	1
43	Immune and non-immune functions of adipose tissue leukocytes. *Nature Reviews Immunology*, **2021** ,	36.5	6
42	Cysteine 253 of UCP1 regulates energy expenditure and sex-dependent adipose tissue inflammation. *Cell Metabolism*, **2021**,	24.6	6
41	UCP1 governs liver extracellular succinate and inflammatory pathogenesis. *Nature Metabolism*, **2021**, 3, 604-617	14.6	21
40	Type II NKT Cell Agonist, Sulfatide, Is an Effective Adjuvant for Oral Heat-Killed Cholera Vaccines. *Vaccines*, **2021**, 9,	5.3	2
39	The therapeutic and prognostic implications of immunobiology in colorectal cancer: a review. *British Journal of Cancer*, **2021**, 125, 1341-1349	8.7	4
38	Distinct metabolic programs established in the thymus control effector functions of γδ T cell subsets in tumor microenvironments. *Nature Immunology*, **2021**, 22, 179-192	19.1	26
37	Distinct iNKT Cell Populations Use IFNγ or ER Stress-Induced IL-10 to Control Adipose Tissue Homeostasis. *Cell Metabolism*, **2020**, 32, 243-258.e6	24.6	18
36	KLF10 Deficiency in CD4 T Cells Triggers Obesity, Insulin Resistance, and Fatty Liver. *Cell Reports*, **2020**, 33, 108550	10.6	5
35	Transnuclear mice reveal Peyer's patch iNKT cells that regulate B-cell class switching to IgG1. *EMBO Journal*, **2019**, 38, e101260	13	2
34	Obesity Reduces mTORC1 Activity in Mucosal-Associated Invariant T Cells, Driving Defective Metabolic and Functional Responses. *Journal of Immunology*, **2019**, 202, 3404-3411	5.3	25
33	Innate Immune Control of Adipose Tissue Homeostasis. *Trends in Immunology*, **2019**, 40, 857-872	14.4	59
32	γδ T cells in cancer: a small population of lymphocytes with big implications. *Clinical and Translational Immunology*, **2019**, 8, e01080	6.8	34
31	Lactate-Mediated Acidification of Tumor Microenvironment Induces Apoptosis of Liver-Resident NK Cells in Colorectal Liver Metastasis. *Cancer Immunology Research*, **2019**, 7, 335-346	12.5	98
30	Adipose Dendritic Cells Come Out of Hiding. *Cell Metabolism*, **2018**, 27, 485-486	24.6	2

29	T cells producing interleukin-17A regulate adipose regulatory T cell homeostasis and thermogenesis. *Nature Immunology*, **2018**, 19, 464-474	19.1	151
28	New Job for NK Cells: Architects of the Tumor Microenvironment. *Immunity*, **2018**, 48, 9-11	32.3	6
27	Cancer, obesity and immunometabolism - Connecting the dots. *Cancer Letters*, **2018**, 417, 11-20	9.9	28
26	Glucose-regulated phosphorylation of TET2 by AMPK reveals a pathway linking diabetes to cancer. *Nature*, **2018**, 559, 637-641	50.4	210
25	Metabolic reprogramming of natural killer cells in obesity limits antitumor responses. *Nature Immunology*, **2018**, 19, 1330-1340	19.1	229
24	Adipose Type One Innate Lymphoid Cells Regulate Macrophage Homeostasis through Targeted Cytotoxicity. *Immunity*, **2017**, 46, 273-286	32.3	116
23	Srebp-controlled glucose metabolism is essential for NK cell functional responses. *Nature Immunology*, **2017**, 18, 1197-1206	19.1	165
22	Spinal cord injury-induced immunodeficiency is mediated by a sympathetic-neuroendocrine adrenal reflex. *Nature Neuroscience*, **2017**, 20, 1549-1559	25.5	76
21	Adipose tissue at the nexus of systemic and cellular immunometabolism. *Seminars in Immunology*, **2016**, 28, 431-440	10.7	37
20	iNKT Cells Induce FGF21 for Thermogenesis and Are Required for Maximal Weight Loss in GLP1 Therapy. *Cell Metabolism*, **2016**, 24, 510-519	24.6	107
19	The transcriptional programs of iNKT cells. *Seminars in Immunology*, **2015**, 27, 26-32	10.7	39
18	Adipose tissue inflammation in the pathogenesis of type 2 diabetes. *Current Diabetes Reports*, **2015**, 15, 92	5.6	103
17	Regulatory iNKT cells lack expression of the transcription factor PLZF and control the homeostasis of T(reg) cells and macrophages in adipose tissue. *Nature Immunology*, **2015**, 16, 85-95	19.1	243
16	Altered distribution and increased IL-17 production by mucosal-associated invariant T cells in adult and childhood obesity. *Journal of Immunology*, **2015**, 194, 5775-80	5.3	93
15	Glucagon-like peptide 1 analogue therapy directly modulates innate immune-mediated inflammation in individuals with type 2 diabetes mellitus. *Diabetologia*, **2014**, 57, 781-4	10.3	108
14	Endogenous oils derived from human adipocytes are potent adjuvants that promote IL-1 dependent inflammation. *Diabetes*, **2014**, 63, 2037-50	0.9	32
13	Adipose invariant natural killer T cells. *Immunology*, **2014**, 142, 337-46	7.8	40
12	Interplay between the immune system and adipose tissue in obesity. *Journal of Endocrinology*, **2014**, 223, R41-8	4.7	134

11	Adipose tissue invariant NKT cells protect against diet-induced obesity and metabolic disorder through regulatory cytokine production. *Immunity*, **2012**, 37, 574-87	32.3	348
10	Cigarette smoke alters the invariant natural killer T cell function and may inhibit anti-tumor responses. *Clinical Immunology*, **2011**, 140, 229-35	9	24
9	Developing understanding of the roles of CD1d-restricted T cell subsets in cancer: reversing tumor-induced defects. *Clinical Immunology*, **2011**, 140, 184-95	9	36
8	Glucagon-like peptide-1 (GLP-1) and the regulation of human invariant natural killer T cells: lessons from obesity, diabetes and psoriasis. *Diabetologia*, **2011**, 54, 2745-54	10.3	89
7	The relationship of omental and subcutaneous adipocyte size to metabolic disease in severe obesity. *PLoS ONE*, **2010**, 5, e9997	3.7	135
6	Natural killer cells in obesity: impaired function and increased susceptibility to the effects of cigarette smoke. *PLoS ONE*, **2010**, 5, e8660	3.7	109
5	Clinical anxiety, cortisol and interleukin-6: evidence for specificity in emotion-biology relationships. *Brain, Behavior, and Immunity*, **2010**, 24, 1074-7	16.6	183
4	The A2aR adenosine receptor controls cytokine production in iNKT cells. *European Journal of Immunology*, **2010**, 40, 682-7	6.1	64
3	Invariant NKT cells and CD1d(+) cells amass in human omentum and are depleted in patients with cancer and obesity. *European Journal of Immunology*, **2009**, 39, 1893-901	6.1	184
2	Cells with haematopoietic stem cell phenotype in adult human endometrium: relevance to infertility?. *Human Reproduction*, **2007**, 22, 919-26	5.7	75
1	Detection and characterization of hemopoietic stem cells in the adult human small intestine. *Journal of Immunology*, **2006**, 176, 5199-204	5.3	27