

Linda V Sinclair

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,108
citations

304743

22
h-index

610901

24
g-index

32
all docs

32
docs citations

32
times ranked

6332
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of amino-acid transport by antigen receptors coordinates the metabolic reprogramming essential for T cell differentiation. <i>Nature Immunology</i> , 2013, 14, 500-508.	14.5	732
2	PDK1 regulation of mTOR and hypoxia-inducible factor 1 integrate metabolism and migration of CD8+ T cells. <i>Journal of Experimental Medicine</i> , 2012, 209, 2441-2453.	8.5	518
3	Phosphatidylinositol-3-OH kinase and nutrient-sensing mTOR pathways control T lymphocyte trafficking. <i>Nature Immunology</i> , 2008, 9, 513-521.	14.5	364
4	Glucose and glutamine fuel protein O-GlcNAcylation to control T cell self-renewal and malignancy. <i>Nature Immunology</i> , 2016, 17, 712-720.	14.5	265
5	Amino acid-dependent cMyc expression is essential for NK cell metabolic and functional responses in mice. <i>Nature Communications</i> , 2018, 9, 2341.	12.8	238
6	Protein Kinase B Controls Transcriptional Programs that Direct Cytotoxic T Cell Fate but Is Dispensable for T Cell Metabolism. <i>Immunity</i> , 2011, 34, 224-236.	14.3	235
7	Metabolic regulation of hepatitis B immunopathology by myeloid-derived suppressor cells. <i>Nature Medicine</i> , 2015, 21, 591-600.	30.7	226
8	The cytotoxic T cell proteome and its shaping by the kinase mTOR. <i>Nature Immunology</i> , 2016, 17, 104-112.	14.5	192
9	Quantitative analysis of T cell proteomes and environmental sensors during T cell differentiation. <i>Nature Immunology</i> , 2019, 20, 1542-1554.	14.5	152
10	Differential regulation of T-cell growth by IL-2 and IL-15. <i>Blood</i> , 2006, 108, 600-608.	1.4	145
11	Single cell tuning of Myc expression by antigen receptor signal strength and interleukin-2 in T lymphocytes. <i>EMBO Journal</i> , 2015, 34, 2008-2024.	7.8	135
12	Antigen receptor control of methionine metabolism in T cells. <i>ELife</i> , 2019, 8, .	6.0	132
13	Single cell analysis of kynurenine and System L amino acid transport in T cells. <i>Nature Communications</i> , 2018, 9, 1981.	12.8	128
14	Quantitative analysis of how Myc controls T cell proteomes and metabolic pathways during T cell activation. <i>ELife</i> , 2020, 9, .	6.0	126
15	Glucose represses dendritic cell-induced T cell responses. <i>Nature Communications</i> , 2017, 8, 15620.	12.8	116
16	Phosphoinositide (3,4,5)-Triphosphate Binding to Phosphoinositide-Dependent Kinase 1 Regulates a Protein Kinase B/Akt Signaling Threshold That Dictates T-Cell Migration, Not Proliferation. <i>Molecular and Cellular Biology</i> , 2009, 29, 5952-5962.	2.3	69
17	Phosphoinositide-dependent kinase 1 controls migration and malignant transformation but not cell growth and proliferation in PTEN-null lymphocytes. <i>Journal of Experimental Medicine</i> , 2009, 206, 2441-2454.	8.5	67
18	Interleukin-2 shapes the cytotoxic T cell proteome and immune environment's sensing programs. <i>Science Signaling</i> , 2018, 11, .	3.6	67

#	ARTICLE	IF	CITATIONS
19	Nutrient sensing, signal transduction and immune responses. <i>Seminars in Immunology</i> , 2016, 28, 396-407.	5.6	50
20	Obesity Reduces mTORC1 Activity in Mucosal-Associated Invariant T Cells, Driving Defective Metabolic and Functional Responses. <i>Journal of Immunology</i> , 2019, 202, 3404-3411.	0.8	48
21	Single Cell Glucose Uptake Assays: A Cautionary Tale. <i>Immunometabolism</i> , 2020, 2, e200029.	1.6	45
22	Temporal Differences in the Dependency on Phosphoinositide-Dependent Kinase 1 Distinguish the Development of Invariant V α 14 NKT Cells and Conventional T Cells. <i>Journal of Immunology</i> , 2010, 185, 5973-5982.	0.8	22
23	A glutamine "tug-of-war"™: targets to manipulate glutamine metabolism for cancer immunotherapy. <i>Immunotherapy Advances</i> , 2021, 1, Itab010.	3.0	20
24	Exhausted CD4+ T Cells during Malaria Exhibit Reduced mTORc1 Activity Correlated with Loss of T-bet Expression. <i>Journal of Immunology</i> , 2020, 205, 1608-1619.	0.8	10