

# Nan-Shih Liao

## List of Publications by Citations

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33  
papers

1,646  
citations

16  
h-index

35  
g-index

35  
ext. papers

1,776  
ext. citations

8.5  
avg, IF

3.67  
L-index

#	Paper	IF	Citations
33	MHC class I deficiency: susceptibility to natural killer (NK) cells and impaired NK activity. <i>Science</i> , <b>1991</b> , 253, 199-202	33.3	383
32	Rejection of class I MHC-deficient haemopoietic cells by irradiated MHC-matched mice. <i>Nature</i> , <b>1991</b> , 349, 329-31	50.4	361
31	Protection against lethal enterovirus 71 infection in newborn mice by passive immunization with subunit VP1 vaccines and inactivated virus. <i>Vaccine</i> , <b>2001</b> , 20, 895-904	4.1	181
30	Most gamma delta T cells develop normally in beta 2-microglobulin-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1992</b> , 89, 653-7	11.5	133
29	Control of gamma delta T-cell development. <i>Immunological Reviews</i> , <b>1991</b> , 120, 185-204	11.3	88
28	Reduced expression of Bcl-2 in CD8+ T cells deficient in the IL-15 receptor alpha-chain. <i>Journal of Immunology</i> , <b>2002</b> , 168, 705-12	5.3	84
27	Different NK cell developmental events require different levels of IL-15 trans-presentation. <i>Journal of Immunology</i> , <b>2011</b> , 187, 1212-21	5.3	38
26	Interleukin 15 blockade protects the brain from cerebral ischemia-reperfusion injury. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 73, 562-570	16.6	37
25	TNFR1-JNK signaling is the shared pathway of neuroinflammation and neurovascular damage after LPS-sensitized hypoxic-ischemic injury in the immature brain. <i>Journal of Neuroinflammation</i> , <b>2014</b> , 11, 215	10.1	36
24	IL-15 does not affect IEL development in the thymus but regulates homeostasis of putative precursors and mature CD8 alpha alpha+ IELs in the intestine. <i>Journal of Immunology</i> , <b>2008</b> , 180, 3757-65	5.3	33
23	Adhesion of lymphoid cells to the carboxyl-terminal heparin-binding domains of fibronectin. <i>Experimental Cell Research</i> , <b>1989</b> , 181, 348-61	4.2	32
22	Adhesion of lymphoid cell lines to fibronectin-coated substratum: biochemical and physiological characterization and the identification of a 140-kDa fibronectin receptor. <i>Experimental Cell Research</i> , <b>1987</b> , 171, 306-20	4.2	32
21	IL-15 modulates the balance between Bcl-2 and Bim via a Jak3/1-PI3K-Akt-ERK pathway to promote CD8 $\beta$ intestinal intraepithelial lymphocyte survival. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2305-16	6.1	25
20	Adipocyte IL-15 regulates local and systemic NK cell development. <i>Journal of Immunology</i> , <b>2014</b> , 193, 1747-58	5.3	21
19	Bmal1 integrates mitochondrial metabolism and macrophage activation. <i>ELife</i> , <b>2020</b> , 9,	8.9	21
18	IL-15R $\beta$ radiation-resistant cells is necessary and sufficient for thymic invariant NKT cell survival and functional maturation. <i>Journal of Immunology</i> , <b>2011</b> , 187, 1235-42	5.3	19
17	Reduced 2,4-dinitro-1-fluorobenzene-induced contact hypersensitivity response in IL-15 receptor alpha-deficient mice correlates with diminished CCL5/RANTES and CXCL10/IP-10 expression. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 690-8	6.1	16

16	Skeletal muscle interleukin 15 promotes CD8(+) T-cell function and autoimmune myositis. <i>Skeletal Muscle</i> , <b>2015</b> , 5, 33	5.1	14
15	Transgenic mice expressing surface markers for IFN-gamma and IL-4 producing cells. <i>Molecular Immunology</i> , <b>2000</b> , 37, 281-93	4.3	14
14	Thymic epithelial E-cadherin is required for adult thymic homeostasis and function. <i>Immunology and Cell Biology</i> , <b>2013</b> , 91, 511-23	5	13
13	Promoter knock-in mutations reveal a role of Mcl-1 in thymocyte-positive selection and tissue or cell lineage-specific regulation of Mcl-1 expression. <i>Journal of Immunology</i> , <b>2009</b> , 182, 2959-68	5.3	11
12	Deficiency of interleukin-15 enhances susceptibility to acetaminophen-induced liver injury in mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e44880	3.7	9
11	Quantitative PPAR $\alpha$ expression affects the balance between tolerance and immunity. <i>Scientific Reports</i> , <b>2016</b> , 6, 26646	4.9	9
10	Interleukin 15 activates Akt to protect astrocytes from oxygen glucose deprivation-induced cell death. <i>Cytokine</i> , <b>2017</b> , 92, 68-74	4	8
9	The interleukin-15 system suppresses T cell-mediated autoimmunity by regulating negative selection and nT(H)17 cell homeostasis in the thymus. <i>Journal of Autoimmunity</i> , <b>2015</b> , 56, 118-29	15.5	6
8	Critical roles of translationally controlled tumor protein in the homeostasis and TCR-mediated proliferation of peripheral T cells. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2373-81	5.3	6
7	IL-15R $\alpha$ is a negative regulator of TCR-activated proliferation in CD4+ T cells. <i>Journal of Immunology</i> , <b>2004</b> , 173, 3155-64	5.3	6
6	Chinese herbal medicine SS-1 inhibits T cell activation and abrogates T responses in Sjögren's syndrome. <i>Journal of the Formosan Medical Association</i> , <b>2021</b> , 120, 651-659	3.2	5
5	Thymic Epithelial Cell-Derived IL-15 and IL-15 Receptor $\alpha$ Chain Foster Local Environment for Type 1 Innate Like T Cell Development. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 623280	8.4	2
4	Lymphocyte development in mice deficient for MHC class I expression. <i>Advances in Experimental Medicine and Biology</i> , <b>1992</b> , 323, 67-72	3.6	2
3	Modulation of cytokine responses of murine CD8+ $\alpha$ beta intestinal intraepithelial lymphocytes by IL-4 and IL-12. <i>Journal of Biomedical Science</i> , <b>1999</b> , 6, 269-76	13.3	1
2	Role of the IL-15 system in ischemia stroke pathophysiology and therapeutic strategies. <i>Journal of the Formosan Medical Association</i> , <b>2019</b> , 118, 1080-1082	3.2	
1	CD8CD122 T cell homeostasis is controlled by different levels of IL-15 trans-presentation. <i>Journal of Microbiology, Immunology and Infection</i> , <b>2021</b> , 54, 514-517	8.5	