Nan-Shih Liao

List of Publications by Year
in descending order

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34 papers	1,939 citations	471477 17 h-index	414395 32 g-index
35 all docs	35 docs citations	35 times ranked	2174 citing authors

#	Article	IF	Citations
1	MHC class I deficiency: susceptibility to natural killer (NK) cells and impaired NK activity. Science, 1991, 253, 199-202.	12.6	425
2	Rejection of class I MHC-deficient haemopoietic cells by irradiated MHC-matched mice. Nature, 1991, 349, 329-331.	27.8	393
3	Protection against lethal enterovirus 71 infection in newborn mice by passive immunization with subunit VP1 vaccines and inactivated virus. Vaccine, 2001, 20, 895-904.	3.8	206
4	Most gamma delta T cells develop normally in beta 2-microglobulin-deficient mice.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 653-657.	7.1	148
5	Control of gammadelta T-Cell Development. Immunological Reviews, 1991, 120, 185-204.	6.0	93
6	Reduced Expression of Bcl-2 in CD8+ T Cells Deficient in the IL-15 Receptor Î±-Chain. Journal of Immunology, 2002, 168, 705-712.	0.8	89
7	Bmal1 integrates mitochondrial metabolism and macrophage activation. ELife, 2020, 9, .	6.0	74
8	Interleukin 15 blockade protects the brain from cerebral ischemia-reperfusion injury. Brain, Behavior, and Immunity, 2018, 73, 562-570.	4.1	58
9	IL-15 Does Not Affect IEL Development in the Thymus but Regulates Homeostasis of Putative Precursors and Mature CD8Î±Î±+ IELs in the Intestine. Journal of Immunology, 2008, 180, 3757-3765.	0.8	50
10	TNFR1-JNK signaling is the shared pathway of neuroinflammation and neurovascular damage after LPS-sensitized hypoxic-ischemic injury in the immature brain. Journal of Neuroinflammation, 2014, 11, 215.	7.2	45
11	Different NK Cell Developmental Events Require Different Levels of IL-15 Trans-Presentation. Journal of Immunology, 2011, 187, 1212-1221.	0.8	43
12	Adhesion of lymphoid cells to the carboxyl-terminal heparin-binding domains of fibronectin. Experimental Cell Research, 1989, 181, 348-361.	2.6	37
13	Adhesion of lymphoid cell lines to fibronectin-coated substratum: Biochemical and physiological characterization and the identification of a 140-kDa fibronectin receptor. Experimental Cell Research, 1987, 171, 306-320.	2.6	34
14	Adipocyte IL-15 Regulates Local and Systemic NK Cell Development. Journal of Immunology, 2014, 193, 1747-1758.	0.8	30
15	<scp>IL</scp>â€15 modulates the balance between <scp>B</scp>clâ€2 and <scp>B</scp>im via a <scp>J</scp>ak3/1â€‹<scp>PI</scp>3<scp>K</scp>â€‹<scp>A</scp>ktâ€‹<scp>ERK</scp> pathway to promote <scp>CD</scp>8Î±Î±⁺ intestinal intraepithelial lymphocyte survival. European Journal of Immunology, 2013, 43, 2305-2316.	2.9	26
16	Skeletal muscle interleukin 15 promotes CD8+ T-cell function and autoimmune myositis. Skeletal Muscle, 2015, 5, 33.	4.2	21
17	IL-15RÎ± of Radiation-Resistant Cells Is Necessary and Sufficient for Thymic Invariant NKT Cell Survival and Functional Maturation. Journal of Immunology, 2011, 187, 1235-1242.	0.8	19
18	Thymic epithelial Î²â€catenin is required for adult thymic homeostasis and function. Immunology and Cell Biology, 2013, 91, 511-523.	2.3	18

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19	Reduced 2,4-dinitro-1-fluorobenzene-induced contact hypersensitivity response in IL-15 receptor??-deficient mice correlates with diminished CCL5/RANTES and CXCL10/IP-10 expression. European Journal of Immunology, 2005, 35, 690-698.	2.9	17
20	Transgenic mice expressing surface markers for IFN-Î³ and IL-4 producing cells. Molecular Immunology, 2000, 37, 281-293.	2.2	16
21	Quantitative PPARÎ³ expression affects the balance between tolerance and immunity. Scientific Reports, 2016, 6, 26646.	3.3	13
22	Deficiency of Interleukin-15 Enhances Susceptibility to Acetaminophen-Induced Liver Injury in Mice. PLoS ONE, 2012, 7, e44880.	2.5	12
23	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. Journal of Immunology, 2009, 182, 2959-2968.	0.8	11
24	Interleukin 15 activates Akt to protect astrocytes from oxygen glucose deprivation-induced cell death. Cytokine, 2017, 92, 68-74.	3.2	10
25	Chinese herbal medicine SS-1 inhibits T cell activation and abrogates TH responses in SjÃ¶gren's syndrome. Journal of the Formosan Medical Association, 2021, 120, 651-659.	1.7	10
26	Critical Roles of Translationally Controlled Tumor Protein in the Homeostasis and TCR-Mediated Proliferation of Peripheral T Cells. Journal of Immunology, 2009, 183, 2373-2381.	0.8	9
27	Thymic Epithelial Cell-Derived IL-15 and IL-15 Receptor Î± Chain Foster Local Environment for Type 1 Innate Like T Cell Development. Frontiers in Immunology, 2021, 12, 623280.	4.8	8
28	The interleukin-15 system suppresses T cell-mediated autoimmunity by regulating negative selection and nTH17 cell homeostasis in the thymus. Journal of Autoimmunity, 2015, 56, 118-129.	6.5	7
29	IL-15RÎ± Is a Negative Regulator of TCR-Activated Proliferation in CD4+ T Cells. Journal of Immunology, 2004, 173, 3155-3164.	0.8	6
30	Negative Regulation of the Differentiation of Flk2â˜ CD34â˜ LSK Hematopoietic Stem Cells by EKLF/KLF1. International Journal of Molecular Sciences, 2020, 21, 8448.	4.1	6
31	Lymphocyte Development in Mice Deficient for MHC Class I Expression. Advances in Experimental Medicine and Biology, 1992, 323, 67-72.	1.6	3
32	Modulation of cytokine responses of murine CD8+ Î±Î² intestinal intraepithelial lymphocytes by IL-4 and IL-12. Journal of Biomedical Science, 1999, 6, 269-276.	7.0	2
33	Role of the IL-15 system in ischemia stroke pathophysiology and therapeutic strategies. Journal of the Formosan Medical Association, 2019, 118, 1080-1082.	1.7	0
34	CD8+CD122+ T cell homeostasis is controlled by different levels of IL-15 trans-presentation. Journal of Microbiology, Immunology and Infection, 2020, 54, 514-517.	3.1	0