Sylvia Heink

List of Publications by Year
in descending order

24 papers	3,840 citations	331259 21 h-index	610482 24 g-index
25 all docs	25 docs citations	25 times ranked	7211 citing authors

#	Article	IF	Citations
1	The development of inflammatory TH-17 cells requires interferon-regulatory factor 4. Nature Immunology, 2007, 8, 958-966.	7.0	620
2	Interleukin-6: designing specific therapeutics for a complex cytokine. Nature Reviews Drug Discovery, 2018, 17, 395-412.	21.5	440
3	Trans-presentation of IL-6 by dendritic cells is required for the priming of pathogenic TH17 cells. Nature Immunology, 2017, 18, 74-85.	7.0	311
4	Continuous T Cell Receptor Signals Maintain a Functional Regulatory T Cell Pool. Immunity, 2014, 41, 722-736.	6.6	262
5	From The Cover: IFN-Â-induced immune adaptation of the proteasome system is an accelerated and transient response. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9241-9246.	3.3	261
6	Î³Î´ T Cells Enhance Autoimmunity by Restraining Regulatory T Cell Responses via an Interleukin-23-Dependent Mechanism. Immunity, 2010, 33, 351-363.	6.6	246
7	Th17 lymphocytes traffic to the central nervous system independently of Î±4 integrin expression during EAE. Journal of Experimental Medicine, 2011, 208, 2465-2476.	4.2	241
8	Interferon-gamma, the functional plasticity of the ubiquitin-proteasome system, and MHC class I antigen processing. Immunological Reviews, 2005, 207, 19-30.	2.8	223
9	A Th17â€‰like developmental process leads to CD8⁺ Tc17 cells with reduced cytotoxic activity. European Journal of Immunology, 2009, 39, 1716-1725.	1.6	203
10	IL-17A secretion by CD8+ T cells supports Th17-mediated autoimmune encephalomyelitis. Journal of Clinical Investigation, 2013, 123, 247-260.	3.9	199
11	Cell-type-specific profiling of brain mitochondria reveals functional and molecular diversity. Nature Neuroscience, 2019, 22, 1731-1742.	7.1	181
12	The receptor tyrosine kinase c-Kit controls IL-33 receptor signaling in mast cells. Blood, 2010, 115, 3899-3906.	0.6	107
13	Antigen Targeting to Plasmacytoid Dendritic Cells via Siglec-H Inhibits Th Cell-Dependent Autoimmunity. Journal of Immunology, 2011, 187, 6346-6356.	0.4	95
14	IL-27 and IL-12 oppose pro-inflammatory IL-23 in CD4+ T cells by inducing Blimp1. Nature Communications, 2014, 5, 3770.	5.8	90
15	The proteasome maturation protein POMP facilitates major steps of 20S proteasome formation at the endoplasmic reticulum. EMBO Reports, 2007, 8, 1170-1175.	2.0	87
16	Human immunodeficiency virus-1 Tat protein interacts with distinct proteasomal Î± and Î²2 subunits. FEBS Letters, 2003, 553, 200-204.	1.3	72
17	Neutralizing IL-17 protects the optic nerve from autoimmune pathology and prevents retinal nerve fiber layer atrophy during experimental autoimmune encephalomyelitis. Journal of Autoimmunity, 2015, 56, 34-44.	3.0	46
18	Salt generates antiinflammatory Th17 cells but amplifies pathogenicity in proinflammatory cytokine microenvironments. Journal of Clinical Investigation, 2020, 130, 4587-4600.	3.9	42

#	Article	IF	Citations
19	Tumor Cell Lines Expressing the Proteasome Subunit Isoform LMP7E1 Exhibit Immunoproteasome Deficiency. Cancer Research, 2006, 66, 649-652.	0.4	30
20	PI3KÎ³ deficiency delays the onset of experimental autoimmune encephalomyelitis and ameliorates its clinical outcome. European Journal of Immunology, 2011, 41, 833-844.	1.6	27
21	Î±4-integrins control viral meningoencephalitis through differential recruitment of T helper cell subsets. Acta Neuropathologica Communications, 2014, 2, 27.	2.4	25
22	Towards the Generation of B-Cell Receptor Retrogenic Mice. PLoS ONE, 2014, 9, e109199.	1.1	12
23	IL-6 signaling in macrophages is required for immunotherapy-driven regression of tumors. , 2021, 9, e002460.		10
24	Cutting Edge: IL-6â€“Driven Immune Dysregulation Is Strictly Dependent on IL-6R Î±-Chain Expression. Journal of Immunology, 2020, 204, 747-751.	0.4	5