Werner Held

List of Publications by Year
in descending order

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94	9,132	53794 45	43889 91
papers	citations	h-index	g-index

97	97	97	11217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intratumoral Tcf1+PD-1+CD8+ T Cells with Stem-like Properties Promote Tumor Control in Response to Vaccination and Checkpoint Blockade Immunotherapy. Immunity, 2019, 50, 195-211.e10.	14.3	924
2	Defining â€˜T cell exhaustionâ€™. Nature Reviews Immunology, 2019, 19, 665-674.	22.7	879
3	T Cell Factor 1-Expressing Memory-like CD8+ T Cells Sustain the Immune Response to Chronic Viral Infections. Immunity, 2016, 45, 415-427.	14.3	721
4	The MHC Reactivity of the T Cell Repertoire Prior to Positive and Negative Selection. Cell, 1997, 88, 627-636.	28.9	295
5	Essential role of the Wnt pathway effector Tcf-1 for the establishment of functional CD8 T cell memory. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9777-9782.	7.1	294
6	MicroRNA-155 Is Required for Effector CD8+ T Cell Responses to Virus Infection and Cancer. Immunity, 2013, 38, 742-753.	14.3	278
7	Inactivation of Notch1 in immature thymocytes does not perturb CD4 or CD8 T cell development. Nature Immunology, 2001, 2, 235-241.	14.5	274
8	The Î²-cateninâ€“TCF-1 pathway ensures CD4+CD8+ thymocyte survival. Nature Immunology, 2001, 2, 691-697.	14.5	225
9	Specificity, tolerance and developmental regulation of natural killer cells defined by expression of class I-specific Ly49 receptors. Immunological Reviews, 1997, 155, 41-52.	6.0	212
10	Superantigen-induced immune stimulation amplifies mouse mammary tumor virus infection and allows virus transmission. Cell, 1993, 74, 529-540.	28.9	205
11	Long-term, multilineage hematopoiesis occurs in the combined absence of Î²-catenin and Î³-catenin. Blood, 2008, 111, 142-149.	1.4	199
12	TCF1+ hepatitis C virus-specific CD8+ T cells are maintained after cessation of chronic antigen stimulation. Nature Communications, 2017, 8, 15050.	12.8	185
13	Allelic exclusion of Ly49-family genes encoding class I MHC-specific receptors on NK cells. Nature, 1995, 376, 355-358.	27.8	182
14	Cis association of Ly49A with MHC class I restricts natural killer cell inhibition. Nature Immunology, 2004, 5, 328-336.	14.5	179
15	Natural killer cell receptors: The offs and ons of NK cell recognition. Cell, 1995, 82, 697-700.	28.9	169
16	Metabolic reprogramming of terminally exhausted CD8+ T cells by IL-10 enhances anti-tumor immunity. Nature Immunology, 2021, 22, 746-756.	14.5	160
17	Constitutive Activation of Wnt Signaling Favors Generation of Memory CD8 T Cells. Journal of Immunology, 2010, 184, 1191-1199.	0.8	157
18	Regulation of Î³Î´ Versus Î±Ã Ÿ T Lymphocyte Differentiation by the Transcription Factor SOX13. Science, 2007, 315, 230-233.	12.6	156

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19	Sustained NKG2D engagement induces cross-tolerance of multiple distinct NK cell activation pathways. Blood, 2008, 111, 3571-3578.	1.4	154
20	Major histocompatibility complex class I-dependent skewing of the natural killer cell Ly49 receptor reportoire. European Journal of Immunology, 1996, 26, 2286-2292.	2.9	148
21	Malt1 protease inactivation efficiently dampens immune responses but causes spontaneous autoimmunity. EMBO Journal, 2014, 33, 2765-2781.	7.8	129
22	The role of the NKG2D receptor for tumor immunity. Seminars in Cancer Biology, 2006, 16, 333-343.	9.6	125
23	Suppression of Tcf1 by Inflammatory Cytokines Facilitates Effector CD8ÂT Cell Differentiation. Cell Reports, 2018, 22, 2107-2117.	6.4	121
24	A Role for cis Interaction between the Inhibitory Ly49A Receptor and MHC Class I for Natural Killer Cell Education. Immunity, 2009, 30, 337-347.	14.3	111
25	Central memory CD8+ TÂcells derive from stem-like Tcf7hi effector cells in the absence of cytotoxic differentiation. Immunity, 2020, 53, 985-1000.e11.	14.3	107
26	Long-Term Engraftment of Primary Bone Marrow Stromal Cells Repairs Niche Damage and Improves Hematopoietic Stem Cell Transplantation. Cell Stem Cell, 2017, 21, 241-255.e6.	11.1	105
27	Rapid Sequestration of Leishmania mexicana by Neutrophils Contributes to the Development of Chronic Lesion. PLoS Pathogens, 2015, 11, e1004929.	4.7	103
28	Cis interactions of immunoreceptors with MHC and non-MHC ligands. Nature Reviews Immunology, 2008, 8, 269-278.	22.7	92
29	Modulation of mTOR Signalling Triggers the Formation of Stem Cell-like Memory T Cells. EBioMedicine, 2016, 4, 50-61.	6.1	89
30	Detection of perforin and granzyme A mRNA in infiltrating cells during infection of mice with lymphocytic choriomeningitis virus. European Journal of Immunology, 1989, 19, 1253-1259.	2.9	87
31	Ly49A Transgenic Mice Provide Evidence for a Major Histocompatibility Complexâ€"dependent Education Process in Natural Killer Cell Development. Journal of Experimental Medicine, 1997, 185, 2079-2088.	8.5	87
32	Type I interferon/IRF7 axis instigates chemotherapy-induced immunological dormancy in breast cancer. Oncogene, 2019, 38, 2814-2829.	5.9	85
33	Interactions of Ly49 Family Receptors with MHC Class I Ligands in trans and cis. Journal of Immunology, 2007, 178, 1277-1284.	0.8	84
34	Clonal Acquisition of the Ly49A NK Cell Receptor Is Dependent on the trans-Acting Factor TCF-1. Immunity, 1999, 11, 433-442.	14.3	81
35	H-2D Ligand Expression by Ly49A+ Natural Killer (NK) Cells Precludes Ligand Uptake from Environmental Cells. Journal of Experimental Medicine, 2001, 194, 1531-1539.	8.5	79
36	An allele-specific, stochastic gene expression process controls the expression of multipleLy49family genes and generates a diverse, MHC-specific NK cell receptor repertoire. European Journal of Immunology, 1998, 28, 2407-2416.	2.9	74

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37	The Transcription Factor Tcf1 Contributes to Normal NK Cell Development and Function by Limiting the Expression of Granzymes. Cell Reports, 2017, 20, 613-626.	6.4	67
38	Redundant functions of TCF-1 and LEF-1 during T and NK cell development, but unique role of TCF-1 for Ly49 NK cell receptor acquisition. European Journal of Immunology, 2003, 33, 1393-1398.	2.9	64
39	Caspase-3 Protects Stressed Organs against Cell Death. Molecular and Cellular Biology, 2012, 32, 4523-4533.	2.3	63
40	Phage Selection of Chemically Stabilized Î±-Helical Peptide Ligands. ACS Chemical Biology, 2016, 11, 1422-1427.	3.4	63
41	Developmentally Regulated Extinction of Ly-49 Receptor Expression Permits Maturation and Selection of NK1.1+ T Cells. Journal of Experimental Medicine, 1998, 187, 2109-2114.	8.5	61
42	A role for the src family kinase Fyn in NK cell activation and the formation of the repertoire of Ly49 receptors. European Journal of Immunology, 2002, 32, 773.	2.9	54
43	Impaired Natural Killing of MHC Class I-Deficient Targets by NK Cells Expressing a Catalytically Inactive Form of SHP-1. Journal of Immunology, 2000, 165, 1314-1321.	0.8	53
44	Distinct Conformations of Ly49 Natural Killer Cell Receptors Mediate MHC Class I Recognition in Trans and Cis. Immunity, 2009, 31, 598-608.	14.3	52
45	Expression of theLy49A gene in murine natural killer cell clones is predominantly but not exclusively mono-allelic. European Journal of Immunology, 1997, 27, 2876-2884.	2.9	51
46	Stable masking by H-2Dd cis ligand limits Ly49A relocalization to the site of NK cell/target cell contact. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3978-3983.	7.1	48
47	Mouse CD11c+ B220+ Gr1+plasmacytoid dendritic cells develop independently of the T-cell lineage. Blood, 2002, 100, 2852-2857.	1.4	44
48	Intratumoral CD8 ⁺ T cells with stem cellâ€“like properties: Implications for cancer immunotherapy. Science Translational Medicine, 2019, 11, .	12.4	42
49	Deciphering the transcriptomic landscape of tumor-infiltrating CD8 lymphocytes in B16 melanoma tumors with single-cell RNA-Seq. OncoImmunology, 2020, 9, 1737369.	4.6	42
50	T Cell Receptor Specificity Is Critical for the Development of Epidermal Î³Î´ T Cells. Journal of Experimental Medicine, 2001, 194, 1473-1483.	8.5	40
51	Transcriptional Regulation of CD4 Gene Expression by T Cell Factor-1/Î²-Catenin Pathway. Journal of Immunology, 2006, 176, 4880-4887.	0.8	40
52	Cisâ€“trans interactions of cell surface receptors: biological roles and structural basis. Cellular and Molecular Life Sciences, 2011, 68, 3469-3478.	5.4	40
53	NLRC5 shields T lymphocytes from NK-cell-mediated elimination under inflammatory conditions. Nature Communications, 2016, 7, 10554.	12.8	40
54	Ligand-dependent Inhibition of CD1d-restricted NKT Cell Development in Mice Transgenic for the Activating Receptor Ly49D. Journal of Experimental Medicine, 2003, 197, 919-925.	8.5	39

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55	MHC Class Iâ€“Related Chain A Conjugated to Antitumor Antibodies Can Sensitize Tumor Cells to Specific Lysis by Natural Killer Cells. Clinical Cancer Research, 2005, 11, 7516-7522.	7.0	39
56	Education of Murine NK Cells Requires Both cis and trans Recognition of MHC Class I Molecules. Journal of Immunology, 2013, 191, 5044-5051.	0.8	39
57	Differences in the Transduction of Canonical Wnt Signals Demarcate Effector and Memory CD8 T Cells with Distinct Recall Proliferation Capacity. Journal of Immunology, 2014, 193, 2784-2791.	0.8	35
58	Tcf1+ cells are required to maintain the inflationary T cell pool upon MCMV infection. Nature Communications, 2020, 11, 2295.	12.8	34
59	MHC class II hierarchy of superantigen presentation predicts efficiency of infection with mouse mammary tumor virus. International Immunology, 1994, 6, 1403-1407.	4.0	31
60	Shp-2 is critical for ERK and metabolic engagement downstream of IL-15 receptor in NK cells. Nature Communications, 2019, 10, 1444.	12.8	29
61	The NK cell receptor repertoire: formation, adaptation and exploitation. Current Opinion in Immunology, 2003, 15, 233-237.	5.5	28
62	Phage Selection of Peptide Macrocycles against Î²â€Catenin To Interfere with Wnt Signaling. ChemMedChem, 2016, 11, 834-839.	3.2	28
63	Positive and Negative Roles of theTrans-Acting T Cell Factor-1 for the Acquisition of Distinct Ly-49 MHC Class I Receptors by NK Cells. Journal of Immunology, 2001, 166, 6181-6187.	0.8	26
64	Cre Recombinase-Mediated Inactivation of H-2Dd Transgene Expression: Evidence for Partial Missing Self-Recognition by Ly49A NK Cells. Journal of Immunology, 2001, 167, 6256-6262.	0.8	26
65	Adaptations of Natural Killer Cells to Self-MHC Class I. Frontiers in Immunology, 2014, 5, 349.	4.8	25
66	Expression of genes encoding cytotoxic cell-associated serine proteases in thymocytes. International Immunology, 1990, 2, 57-62.	4.0	24
67	Positive Impact of Inhibitory Ly49 Receptor-MHC Class I Interaction on NK Cell Development. Journal of Immunology, 2000, 165, 91-95.	0.8	24
68	Transgenic Expression of Ly49A on T Cells Impairs a Specific Antitumor Response. Journal of Immunology, 2000, 165, 1871-1876.	0.8	22
69	Î³-Catenin-Dependent Signals Maintain BCR-ABL1+ B Cell Acute Lymphoblastic Leukemia. Cancer Cell, 2019, 35, 649-663.e10.	16.8	20
70	Perforin and Tumor Necrosis Factor Î± in the Pathogenesis of Experimental Allergic Encephalomyelitis: Comparison of Autoantigen Induced and Transferred Disease in Lewis Rats. Journal of Autoimmunity, 1993, 6, 311-322.	6.5	19
71	Expression of T cell receptor genes in the thymus: localization of transcriptsin situ and comparison of mature and immature subsets. European Journal of Immunology, 1990, 20, 2133-2136.	2.9	18
72	Quantitation of endogenous mouse mammary tumor virus superantigen expression by lymphocyte subsets. European Journal of Immunology, 1995, 25, 2632-2637.	2.9	17

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73	The function of natural killer cells: education, reminders and some good memories. Current Opinion in Immunology, 2011, 23, 228-233.	5.5	17
74	Mono-allelic Ly49 NK cell receptor expression. Seminars in Immunology, 1999, 11, 349-355.	5.6	16
75	Initiation and Limitation of Ly-49A NK Cell Receptor Acquisition by T Cell Factor-1. Journal of Immunology, 2003, 171, 769-775.	0.8	14
76	Natural Killer Cell Mediated Missing-Self Recognition Can Protect Mice from Primary Chronic Myeloid Leukemia In Vivo. PLoS ONE, 2011, 6, e27639.	2.5	14
77	Transcriptional regulation of murine natural killer cell development, differentiation and maturation. Cellular and Molecular Life Sciences, 2018, 75, 3371-3379.	5.4	12
78	T and B lymphocytes exert distinct effects on the homeostasis of NK cells. European Journal of Immunology, 2006, 36, 2725-2734.	2.9	11
79	Tolerance and reactivity of NK cells: Two sides of the same coin?. European Journal of Immunology, 2008, 38, 2930-2933.	2.9	11
80	The lymphoproliferative defect in CTLA-4â€“deficient mice is ameliorated by an inhibitory NK cell receptor. Blood, 2002, 99, 4509-4516.	1.4	10
81	The Interaction with H-2Dd in cis is Associated with a Conformational Change in the Ly49A NK Cell Receptor. Frontiers in Immunology, 2011, 2, 55.	4.8	10
82	Inhibitory Receptor-Mediated Regulation of Natural Killer Cells. Critical Reviews in Immunology, 2014, 34, 455-465.	0.5	10
83	Activation by SLAM Family Receptors Contributes to NK Cell Mediated â€œMissing-Selfâ€•Recognition. PLoS ONE, 2016, 11, e0153236.	2.5	10
84	Feeling Exhausted? Tuning Irf4 Energizes Dysfunctional T Cells. Immunity, 2017, 47, 1009-1011.	14.3	8
85	PD-1+ÂTcf1+ÂCD8+ÂT cells from established chronic infection can form memory while retaining a stable imprint of persistent antigen exposure. Cell Reports, 2021, 36, 109672.	6.4	8
86	Cutting Edge: Stimulation with the Cognate Self-Antigen Induces Expression of the Ly49A Receptor on Self-Reactive T Cells Which Modulates Their Responsiveness. Journal of Immunology, 2003, 171, 6334-6338.	0.8	7
87	NK Cells Respond to Haptens by the Activation of Calcium Permeable Plasma Membrane Channels. PLoS ONE, 2016, 11, e0151031.	2.5	6
88	Not All Tumor-Infiltrating CD8+ T Cells Are Created Equal. Cancer Cell, 2021, 39, 145-147.	16.8	5
89	Ly49D-Mediated ITAM Signaling in Immature Thymocytes Impairs Development by Bypassing the Pre-TCR Checkpoint. Journal of Immunology, 2011, 187, 110-117.	0.8	4
90	Nonclassical NK cell education. Nature Immunology, 2012, 13, 1135-1137.	14.5	4

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91	Stem-cell-like TÂcells have a specific entry gate to the tumor. Cancer Cell, 2022, 40, 243-245.	16.8	4
92	Regulation of natural killer cell function: a role for the NK cellâ€™s own MHC class I molecules. Medical Microbiology and Immunology, 2005, 194, 169-174.	4.8	3
93	CD8+ T cell development: CD4 to the rescue. Nature Immunology, 2001, 2, 1091-1092.	14.5	1
94	Inhibitory Receptors and Their Mode of Action: Key Insights from NK Cells. Journal of Immunology, 2013, 191, 3489-3490.	0.8	0