

Klas Krre

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62
papers

6,194
citations

30
h-index

68
g-index

68
ext. papers

6,669
ext. citations

11.5
avg, IF

5
L-index

#	Paper	IF	Citations
62	Selective rejection of H-2-deficient lymphoma variants suggests alternative immune defence strategy. <i>Nature</i> , 1986 , 319, 675-8	50.4	1683
61	Association of class I major histocompatibility heavy and light chains induced by viral peptides. <i>Nature</i> , 1989 , 340, 443-8	50.4	935
60	Empty MHC class I molecules come out in the cold. <i>Nature</i> , 1990 , 346, 476-80	50.4	837
59	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014 , 5, 12472-508	3.3	301
58	The strength of inhibitory input during education quantitatively tunes the functional responsiveness of individual natural killer cells. <i>Blood</i> , 2009 , 113, 2434-41	2.2	196
57	Natural killer cell recognition of missing self. <i>Nature Immunology</i> , 2008 , 9, 477-80	19.1	181
56	Low natural in vivo resistance to syngeneic leukaemias in natural killer-deficient mice. <i>Nature</i> , 1980 , 284, 624-6	50.4	147
55	Recognition of autologous dendritic cells by human NK cells. <i>European Journal of Immunology</i> , 1999 , 29, 4022-9	6.1	143
54	Host MHC class I gene control of NK-cell specificity in the mouse. <i>Immunological Reviews</i> , 1997 , 155, 11-28	28.3	134
53	Recruitment and activation of natural killer (NK) cells in vivo determined by the target cell phenotype. An adaptive component of NK cell-mediated responses. <i>Journal of Experimental Medicine</i> , 2000 , 191, 129-38	16.6	128
52	NK cell-sensitive T-cell subpopulation in thymus: inverse correlation to host NK activity. <i>Nature</i> , 1979 , 278, 174-6	50.4	111
51	Immunology. A perfect mismatch. <i>Science</i> , 2002 , 295, 2029-31	33.3	94
50	Enrichment of CD56(dim)KIR + CD57 + highly cytotoxic NK cells in tumour-infiltrated lymph nodes of melanoma patients. <i>Nature Communications</i> , 2014 , 5, 5639	17.4	77
49	Loss or mismatch of MHC class I is sufficient to trigger NK cell-mediated rejection of resting lymphocytes in vivo - role of KARAP/DAP12-dependent and -independent pathways. <i>European Journal of Immunology</i> , 2004 , 34, 1646-53	6.1	66
48	Natural cytotoxicity to human leukemia mediated by mouse non-T cells. <i>International Journal of Cancer</i> , 1977 , 20, 93-103	7.5	65
47	In vitro NK-activity and in vivo resistance to leukemia: studies of beige, beige//nude and wild-type hosts on C57BL background. <i>International Journal of Cancer</i> , 1980 , 26, 789-97	7.5	64
46	Synergistic effect of IFN-gamma and human cytomegalovirus protein UL40 in the HLA-E-dependent protection from NK cell-mediated cytotoxicity. <i>European Journal of Immunology</i> , 2001 , 31, 2926-35	6.1	63

45	Identification of wild-type and mutant p53 peptides binding to HLA-A2 assessed by a peptide loading-deficient cell line assay and a novel major histocompatibility complex class I peptide binding assay. <i>European Journal of Immunology</i> , 1994 , 24, 765-8	6.1	61
44	The RMA-S lymphoma mutant; consequences of a peptide loading defect on immunological recognition and graft rejection. <i>International Journal of Cancer</i> , 1991 , 6, 38-44	7.5	61
43	T cell competition for the antigen-presenting cell as a model for immunodominance in the cytotoxic T lymphocyte response against minor histocompatibility antigens. <i>European Journal of Immunology</i> , 1999 , 29, 2197-204	6.1	60
42	Peptide dependency and selectivity of the NK cell inhibitory receptor Ly-49C. <i>European Journal of Immunology</i> , 1999 , 29, 2748-58	6.1	53
41	IL-15, TIM-3 and NK cells subsets predict responsiveness to anti-CTLA-4 treatment in melanoma patients. <i>Oncot Immunology</i> , 2017 , 6, e1261242	7.2	46
40	Beta2-microglobulin-deficient NK cells show increased sensitivity to MHC class I-mediated inhibition, but self tolerance does not depend upon target cell expression of H-2Kb and Db heavy chains. <i>European Journal of Immunology</i> , 1998 , 28, 370-8	6.1	45
39	TAP1-deficient mice select a CD8+ T cell repertoire that displays both diversity and peptide specificity. <i>European Journal of Immunology</i> , 1996 , 26, 288-93	6.1	39
38	Natural killer clones recognize specific soluble HLA class I molecules. <i>European Journal of Immunology</i> , 1996 , 26, 683-9	6.1	39
37	NK sensitivity and lung clearance of MHC-class-I-deficient cells within a heterogeneous fibrosarcoma. <i>International Journal of Cancer</i> , 1989 , 44, 675-80	7.5	39
36	NK cells control breast cancer and related cancer stem cell hematological spread. <i>Oncot Immunology</i> , 2017 , 6, e1284718	7.2	33
35	Expression of CD226 is associated to but not required for NK cell education. <i>Nature Communications</i> , 2017 , 8, 15627	17.4	31
34	Inhibition of natural killer cell-mediated bone marrow graft rejection by allogeneic major histocompatibility complex class I, but not class II molecules. <i>European Journal of Immunology</i> , 1995 , 25, 1286-91	6.1	30
33	Reduced expression of major histocompatibility complex class I free heavy chains and enhanced sensitivity to natural killer cells after incubation of human lymphoid lines with beta 2-microglobulin. <i>European Journal of Immunology</i> , 1993 , 23, 1752-6	6.1	30
32	Microchip Screening Platform for Single Cell Assessment of NK Cell Cytotoxicity. <i>Frontiers in Immunology</i> , 2016 , 7, 119	8.4	29
31	Iron and Ferritin Modulate MHC Class I Expression and NK Cell Recognition. <i>Frontiers in Immunology</i> , 2019 , 10, 224	8.4	27
30	Reactivity and specificity of CD8+ T cells in mice with defects in the MHC class I antigen-presenting pathway. <i>Immunological Reviews</i> , 1996 , 151, 123-48	11.3	27
29	Innate and adaptive immunity to tumors: IL-12 is required for optimal responses. <i>European Journal of Immunology</i> , 2000 , 30, 1088-93	6.1	24
28	HLA class I downregulation is associated with enhanced NK-cell killing of melanoma cells with acquired drug resistance to BRAF inhibitors. <i>European Journal of Immunology</i> , 2016 , 46, 409-19	6.1	23

27	IL-2 in the tumor microenvironment is necessary for Wiskott-Aldrich syndrome protein deficient NK cells to respond to tumors in vivo. <i>Scientific Reports</i> , 2016 , 6, 30636	4.9	20
26	Dynamic Regulation of NK Cell Responsiveness. <i>Current Topics in Microbiology and Immunology</i> , 2016 , 395, 95-114	3.3	20
25	Incidence and type of tumors induced in C57BL bg/bg mice and +/-bg littermates by oral administration of DMBA. <i>International Journal of Cancer</i> , 1981 , 28, 739-46	7.5	19
24	Impaired MHC class I (H-2Dd)-mediated protection against Ly-49A+ NK cells after amino acid substitutions in the antigen binding cleft. <i>European Journal of Immunology</i> , 1998 , 28, 2872-81	6.1	18
23	NK- and T-cell subsets in malignant mesothelioma patients: Baseline pattern and changes in the context of anti-CTLA-4 therapy. <i>International Journal of Cancer</i> , 2019 , 145, 2238-2248	7.5	16
22	Purified MHC class I molecules inhibit activated NK cells in a cell-free system in vitro. <i>European Journal of Immunology</i> , 2001 , 31, 869-875	6.1	16
21	Immunization with dendritic cells breaks immunodominance in CTL responses against minor histocompatibility and synthetic peptide antigens. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 268-71	6.5	16
20	Effect of IFN-gamma treatment and in vivo passage of murine tumor cell lines on their sensitivity to lymphokine-activated killer (LAK) cell lysis in vitro; association with H-2 expression on the target cells. <i>International Journal of Cancer</i> , 1989 , 44, 669-74	7.5	15
19	Recognition of the major histocompatibility complex restriction element modulates CD8(+) T cell specificity and compensates for loss of T cell receptor contacts with the specific peptide. <i>Journal of Experimental Medicine</i> , 1999 , 189, 883-94	16.6	13
18	Retuning of Mouse NK Cells after Interference with MHC Class I Sensing Adjusts Self-Tolerance but Preserves Anticancer Response. <i>Cancer Immunology Research</i> , 2016 , 4, 113-23	12.5	12
17	Independent control of natural killer cell responsiveness and homeostasis at steady-state by CD11c+ dendritic cells. <i>Scientific Reports</i> , 2016 , 6, 37996	4.9	12
16	Recognition of autologous dendritic cells by human NK cells 1999 , 29, 4022		10
15	Influence of glycosylphosphatidylinositol-linked H-2Dd molecules on target cell protection and natural killer cell specificity in transgenic mice. <i>European Journal of Immunology</i> , 1996 , 26, 2127-32	6.1	8
14	Natural resistance against tumors grafted into the brain in association with histocompatibility-class-I-antigen expression. <i>International Journal of Cancer</i> , 1996 , 67, 365-71	7.5	8
13	Herpes simplex virus specific T cell response in a cohort with primary genital infection correlates inversely with frequency of subsequent recurrences. <i>Sexually Transmitted Infections</i> , 2017 , 93, 169-174	2.8	6
12	Thymus independence of hybrid resistance against a panel of T-cell lymphomas of H-2b origin. <i>International Journal of Cancer</i> , 1982 , 30, 659-62	7.5	6
11	Depletion of IL-2 receptor β -positive cells protects from diabetes in non-obese diabetic mice. <i>Immunology and Cell Biology</i> , 2016 , 94, 177-84	5	5
10	Mechanical stress downregulates MHC class I expression on human cancer cell membrane. <i>PLoS ONE</i> , 2014 , 9, e111758	3.7	5

9	Plasma Proteomic Analysis in Non-Small Cell Lung Cancer Patients Treated with PD-1/PD-L1 Blockade. <i>Cancers</i> , 2021 , 13,	6.6	4
8	Lack of F1 anti-parental resistance in H-2b/d F1 hybrids devoid of beta2-microglobulin. <i>European Journal of Immunology</i> , 1997 , 27, 342-5	6.1	3
7	Differential effects on T cell and NK cell development by tissue-specific expression of H-2D(d) transgene. <i>European Journal of Immunology</i> , 2000 , 30, 525-33	6.1	3
6	In vivo engineering of mobilized stem cell grafts with the immunomodulatory drug FTY720 for allogeneic transplantation. <i>European Journal of Immunology</i> , 2016 , 46, 1758-69	6.1	2
5	Soluble and Exosome-Bound β -Galactosylceramide Mediate Preferential Proliferation of Educated NK Cells with Increased Anti-Tumor Capacity. <i>Cancers</i> , 2021 , 13,	6.6	2
4	Clustering of Major Histocompatibility Complex-Class I Molecules in Healthy and Cancer Colon Cells Revealed from Their Nanomechanical Properties. <i>ACS Nano</i> , 2021 , 15, 7500-7512	16.7	1
3	Infiltration of NK and plasma cells is associated with a distinct immune subset in non-small cell lung cancer. <i>Journal of Pathology</i> , 2021 , 255, 243-256	9.4	1
2	Peptide dependency and selectivity of the NK cell inhibitory receptor Ly-49C 1999 , 29, 2748		1
1	Synergistic effect of IFN- γ and human cytomegalovirus protein UL40 in the HLA-E-dependent protection from NK cell-mediated cytotoxicity 2001 , 31, 2926		1