Stephen K Anderson

List of Publications by Year
in descending order

97 papers	3,661 citations	109321 35 h-index	144013 57 g-index
105 all docs	105 docs citations	105 times ranked	4295 citing authors

#	Article	IF	Citations
1	Genetic variation that determines<i>TAPBP</i>expression levels associates with the course of malaria in an HLA allotype-dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	3
2	Nitric Oxide Modulates Metabolic Processes in the Tumor Immune Microenvironment. International Journal of Molecular Sciences, 2021, 22, 7068.	4.1	21
3	Ascorbic Acid Promotes KIR Demethylation during Early NK Cell Differentiation. Journal of Immunology, 2020, 205, 1513-1523.	0.8	12
4	Genetic and Epigenetic Regulation of the Smoothened Gene (SMO) in Cancer Cells. Cancers, 2020, 12, 2219.	3.7	7
5	Tuning of human NK cells by endogenous HLA-C expression. Immunogenetics, 2020, 72, 205-215.	2.4	20
6	Minimal PD-1 expression in mouse and human NK cells under diverse conditions. Journal of Clinical Investigation, 2020, 130, 3051-3068.	8.2	90
7	The Human TET2 Gene Contains Three Distinct Promoter Regions With Differing Tissue and Developmental Specificities. Frontiers in Cell and Developmental Biology, 2019, 7, 99.	3.7	8
8	Differential Activation of the Transcription Factor IRF1ÂUnderlies the Distinct Immune Responses Elicited by Type I and Type III Interferons. Immunity, 2019, 51, 451-464.e6.	14.3	179
9	CCR5AS lncRNA variation differentially regulates CCR5, influencing HIV disease outcome. Nature Immunology, 2019, 20, 824-834.	14.5	87
10	Understanding the tumour microâ€environment communication network from an NOS2/COX2 perspective. British Journal of Pharmacology, 2019, 176, 155-176.	5.4	26
11	Molecular Mechanisms of Nitric Oxide in Cancer Progression, Signal Transduction, and Metabolism. Antioxidants and Redox Signaling, 2019, 30, 1124-1143.	5.4	122
12	Tuning of NK-Specific HLA-C Expression by Alternative mRNA Splicing. Frontiers in Immunology, 2019, 10, 3034.	4.8	8
13	Identification of trophoblastâ€specific elements in the HLAâ€C core promoter. Hla, 2018, 92, 288-297.	0.6	8
14	Molecular evolution of elements controlling HLAâ€C expression: Adaptation to a role as a killerâ€cell immunoglobulinâ€like receptor ligand regulating natural killer cell function. Hla, 2018, 92, 271-278.	0.6	20
15	Association of TNFRSF1B Promoter Polymorphisms with Human Disease: Further Studies Examining T-Regulatory Cells Are Required. Frontiers in Immunology, 2018, 9, 443.	4.8	8
16	Identification of an elaborate NK-specific system regulating HLA-C expression. PLoS Genetics, 2018, 14, e1007163.	3.5	26
17	TET2 binds the androgen receptor and loss is associated with prostate cancer. Oncogene, 2017, 36, 2172-2183.	5.9	56
18	Abstract 4796: Chronic exposure to nitric oxide drives human breast epithelial cells to malignant-like features. , 2017, , .		0

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19	Activating Receptor Signals Drive Receptor Diversity in Developing Natural Killer Cells. PLoS Biology, 2016, 14, e1002526.	5.6	11
20	Analysis of Ly49 gene transcripts in mature NK cells supports a role for the Pro1 element in gene activation, not gene expression. Genes and Immunity, 2016, 17, 349-357.	4.1	8
21	HLA-C Level Is Regulated by a Polymorphic Oct1 Binding Site in the HLA-C Promoter Region. American Journal of Human Genetics, 2016, 99, 1353-1358.	6.2	49
22	Characterization of KIR intermediate promoters reveals four promoter types associated with distinct expression patterns of KIR subtypes. Genes and Immunity, 2016, 17, 66-74.	4.1	25
23	Interleukin-1 and Interferon-Î³ Orchestrate Î²-Glucan-Activated Human Dendritic Cell Programming via IÎºB-Î¶ Modulation. PLoS ONE, 2014, 9, e114516.	2.5	14
24	Probabilistic Bidirectional Promoter Switches: Noncoding RNA Takes Control. Molecular Therapy - Nucleic Acids, 2014, 3, e191.	5.1	20
25	Characterization of a weakly expressed KIR2DL1 variant reveals a novel upstream promoter that controls KIR expression. Genes and Immunity, 2014, 15, 440-448.	4.1	16
26	Mutational and Structural Analysis of KIR3DL1 Reveals a Lineage-Defining Allotypic Dimorphism That Impacts Both HLA and Peptide Sensitivity. Journal of Immunology, 2014, 192, 2875-2884.	0.8	48
27	Transcriptional regulation of Munc13-4 expression in cytotoxic lymphocytes is disrupted by an intronic mutation associated with a primary immunodeficiency. Journal of Experimental Medicine, 2014, 211, 1079-1091.	8.5	35
28	Functional NK Cell Repertoires Are Maintained through IL-2RÎ± and Fas Ligand. Journal of Immunology, 2014, 192, 3889-3897.	0.8	20
29	Abstract 454:TET2alterations facilitate progression of metastatic prostate cancer. , 2014, , .		0
30	Identification of a KIR antisense lncRNA expressed by progenitor cells. Genes and Immunity, 2013, 14, 427-433.	4.1	21
31	Differential Expression of the Ly49GB6, but Not the Ly49GBALB, Receptor Isoform during Natural Killer Cell Reconstitution after Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2013, 19, 1446-1452.	2.0	3
32	LAB/NTAL Facilitates Fungal/PAMP-induced IL-12 and IFN-Î³ Production by Repressing Î²-Catenin Activation in Dendritic Cells. PLoS Pathogens, 2013, 9, e1003357.	4.7	14
33	Contrasting Effects of Anti-Ly49A Due to MHC Class IcisBinding on NK Cellâ€"Mediated Allogeneic Bone Marrow Cell Resistance. Journal of Immunology, 2013, 191, 688-698.	0.8	8
34	Epigenetic regulation of NK cell differentiation and effector functions. Frontiers in Immunology, 2013, 4, 55.	4.8	71
35	Characterization Of a Weakly Expressed KIR2DL1 Allele. Blood, 2013, 122, 4847-4847.	1.4	0
36	Functional NK Cell Repertoires Are Determined By Survival Mechanisms Through IL-2Ra and FasL. Blood, 2013, 122, 786-786.	1.4	0

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37	Promoter variants in the MSMB gene associated with prostate cancer regulate MSMB/NCOA4 fusion transcripts. Human Genetics, 2012, 131, 1453-1466.	3.8	25
38	CD8 T cells express randomly selected KIRs with distinct specificities compared with NK cells. Blood, 2012, 120, 3455-3465.	1.4	95
39	Mouse Nkrp1-Clr Gene Cluster Sequence and Expression Analyses Reveal Conservation of Tissue-Specific MHC-Independent Immunosurveillance. PLoS ONE, 2012, 7, e50561.	2.5	30
40	A novel role for IL-22R1 as a driver of inflammation. Blood, 2011, 117, 575-584.	1.4	64
41	Mouse Ly49G2+ NK cells dominate early responses during both immune reconstitution and activation independently of MHC. Blood, 2011, 117, 7032-7041.	1.4	44
42	Killer Immunoglobulin-Like Receptor Transcriptional Regulation: A Fascinating Dance of Multiple Promoters. Journal of Innate Immunity, 2011, 3, 242-248.	3.8	30
43	Cutting Edge: <i>KIR</i> Antisense Transcripts Are Processed into a 28-Base PIWI-Like RNA in Human NK Cells. Journal of Immunology, 2010, 185, 2009-2012.	0.8	59
44	Identification and Analysis of Novel Transcripts and Promoters in the Human Killer Cell Immunoglobulin-like Receptor (KIRâ€‰) Genes. Methods in Molecular Biology, 2010, 612, 377-391.	0.9	1
45	Fine mapping and functional analysis of a common variant in <i>MSMB</i> on chromosome 10q11.2 associated with prostate cancer susceptibility. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7933-7938.	7.1	96
46	The transcription factor c-Myc enhances KIR gene transcription through direct binding to an upstream distal promoter element. Blood, 2009, 113, 3245-3253.	1.4	46
47	Ly49 cluster sequence analysis in a mouse model of diabetes: an expanded repertoire of activating receptors in the NOD genome. Genes and Immunity, 2008, 9, 509-521.	4.1	38
48	Novel <i>KIR3DL1</i> Alleles and Their Expression Levels on NK Cells: Convergent Evolution of KIR3DL1 Phenotype Variation?. Journal of Immunology, 2008, 180, 6743-6750.	0.8	60
49	Genetic Control of Variegated KIR Gene Expression: Polymorphisms of the Bi-Directional KIR3DL1 Promoter Are Associated with Distinct Frequencies of Gene Expression. PLoS Genetics, 2008, 4, e1000254.	3.5	94
50	Antisense Transcripts Negatively Regulate Transcription of Multiple Variegated Killer Immunoglobulin-Like Receptor (KIR) Genes. Blood, 2008, 112, 105-105.	1.4	2
51	NF-ÎºB p50/p65 Affects the Frequency of Ly49 Gene Expression by NK Cells. Journal of Immunology, 2007, 179, 1751-1759.	0.8	8
52	Detection of KIR3DS1 on the Cell Surface of Peripheral Blood NK Cells Facilitates Identification of a Novel Null Allele and Assessment of KIR3DS1 Expression during HIV-1 Infection. Journal of Immunology, 2007, 179, 1625-1633.	0.8	50
53	Autoimmunity, spontaneous tumourigenesis, and ILâ€•15 insufficiency in mice with a targeted disruption of the tumour suppressor gene Fus1. Journal of Pathology, 2007, 211, 591-601.	4.5	35
54	Identification of distal KIR promoters and transcripts. Genes and Immunity, 2007, 8, 124-130.	4.1	29

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55	Identification of bidirectional promoters in the human KIR genes. Genes and Immunity, 2007, 8, 245-253.	4.1	59
56	A mutation in KIR3DS1 that results in truncation and lack of cell surface expression. Immunogenetics, 2007, 59, 823-829.	2.4	13
57	A mutation in KIR3DS1 that results in truncation and lack of cell surface expression. Immunogenetics, 2007, 59, 823.	2.4	2
58	STAT5A Overexpression Enhances Killer Immunoglobulin Receptor (KIR) Expression in Developing NK Cells and Is Associated with a Loss of Reverse Transcription from the Proximal KIR Promoter.. Blood, 2007, 110, 798-798.	1.4	1
59	Regulation of class I major histocompatibility complex receptor expression in natural killer cells: one promoter is not enough!. Immunological Reviews, 2006, 214, 9-21.	6.0	37
60	Transcriptional Regulation of NK Cell Receptors. Current Topics in Microbiology and Immunology, 2006, 298, 59-75.	1.1	31
61	Direct sequence comparison of two divergent class I MHC natural killer cell receptor haplotypes. Genes and Immunity, 2005, 6, 71-83.	4.1	46
62	Complete elucidation of a minimal class I MHC natural killer cell receptor haplotype. Genes and Immunity, 2005, 6, 481-492.	4.1	44
63	Biology of Natural Killer Cells: What Is the Relationship between Natural Killer Cells and Cancer? Will an Increased Number and/or Function of Natural Killer Cells Result in Lower Cancer Incidence?. Journal of Nutrition, 2005, 135, 2910S.	2.9	3
64	Independent Control of<i>Ly49g</i>Alleles: Implications for NK Cell Repertoire Selection and Tumor Cell Killing. Journal of Immunology, 2004, 172, 1414-1425.	0.8	20
65	Identification of Probabilistic Transcriptional Switches in the Ly49 Gene Cluster. Immunity, 2004, 21, 55-66.	14.3	94
66	Receptor Glycosylation Regulates Ly-49 Binding to MHC Class I. Journal of Immunology, 2003, 171, 4235-4242.	0.8	15
67	Regulation of Natural Killer Cell Function. Cancer Biology and Therapy, 2003, 2, 608-614.	3.4	24
68	Regulation of natural killer cell function. Cancer Biology and Therapy, 2003, 2, 610-6.	3.4	11
69	Aberrant DAP12 Signaling in the 129 Strain of Mice: Implications for the Analysis of Gene-Targeted Mice. Journal of Immunology, 2002, 169, 1721-1728.	0.8	47
70	Identification of a Novel<i>Ly49</i>Promoter That Is Active in Bone Marrow and Fetal Thymus. Journal of Immunology, 2002, 168, 5163-5169.	0.8	48
71	A BAC Contig Map of the Ly49 Gene Cluster in 129 Mice Reveals Extensive Differences in Gene Content Relative to C57BL/6 Mice. Genomics, 2002, 79, 437-444.	2.9	73
72	The ever-expanding Ly49 gene family: repertoire and signaling. Immunological Reviews, 2001, 181, 79-89.	6.0	118

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73	Class I MHC-Binding Characteristics of the 129/J Ly49 Repertoire. Journal of Immunology, 2001, 166, 5034-5043.	0.8	77
74	Ly49 Gene Expression in Different Inbred Mouse Strains. Immunologic Research, 2000, 21, 39-48.	2.9	26
75	Characterization of the Ly49I promoter. Immunogenetics, 2000, 51, 326-331.	2.4	17
76	Induction of DAP12 phosphorylation, calcium mobilization, and cytokine secretion by Ly49H. Journal of Leukocyte Biology, 1999, 66, 165-171.	3.3	60
77	DAP12-mediated Signal Transduction in Natural Killer Cells. Journal of Biological Chemistry, 1998, 273, 32934-32942.	3.4	188
78	v-Ras and v-Raf Block Differentiation of Transformable C3H10T1/2-Derived Preadipocytes at Lower Levels Than Required for Neoplastic Transformation. Experimental Cell Research, 1997, 235, 188-197.	2.6	15
79	Characterization of the MouseNktrGene and Promoter. Genomics, 1997, 40, 94-100.	2.9	5
80	RS cyclophilins: Identification of an NK-TR1-related cyclophilin. Gene, 1996, 180, 151-155.	2.2	42
81	Molecular Cloning and Characterization of a Novel Mouse Macrophage Gene That Encodes a Nuclear Protein Comprising Polyglutamine Repeats and Interspersing Histidines. Journal of Biological Chemistry, 1996, 271, 25515-25523.	3.4	10
82	The Ly-49D Receptor Activates Murine Natural Killer Cells. Journal of Experimental Medicine, 1996, 184, 2119-2128.	8.5	198
83	Cloning and functional characteristics of murine large granular lymphocyte-1: a member of the Ly-49 gene family (Ly-49G2). Journal of Experimental Medicine, 1995, 182, 293-303.	8.5	199
84	The N-Terminal Cyclophilin-Homologous Domain of a 150-Kilodalton Tumor Recognition Molecule Exhibits Both Peptidylprolyl cis-trans-Isomerase and Chaperone Activities. Biochemistry, 1994, 33, 1668-1673.	2.5	52
85	Localization of a Novel Natural Killer Triggering Receptor Locus to Human Chromosome 3p23-p21 and Mouse Chromosome 9. Genomics, 1993, 16, 548-549.	2.9	9
86	IL-2 regulates the expression of the NK-TR gene via an alternate RNA splicing mechanism. Molecular Immunology, 1993, 30, 1307-1313.	2.2	13
87	A cyclophilin-related protein involved in the function of natural killer cells.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 542-546.	7.1	109
88	A functional and phenotypic comparison of murine natural killer (NK) cells and lymphokine-activated killer (LAK) cells. International Journal of Cancer, 1989, 43, 940-948.	5.1	19
89	Amelioration of experimental lung metastasis in mice by therapy with anti-CD3 monoclonal antibodies. Cancer Immunology, Immunotherapy, 1989, 29, 226-30.	4.2	12
90	Decreased p21 levels in anti-sense ras transfectants augments NK sensitivity. Molecular Immunology, 1989, 26, 985-991.	2.2	14

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91	The nucleotide sequence of theBgene of bacteriophage Mu. Nucleic Acids Research, 1984, 12, 8627-8638.	14.5	37
92	Dap12. The AFCS-nature Molecule Pages, 0, , .	0.2	1
93	Ly49O. The AFCS-nature Molecule Pages, 0, , .	0.2	0
94	Ly49L. The AFCS-nature Molecule Pages, 0, , .	0.2	0
95	Ly49P. The AFCS-nature Molecule Pages, 0, , .	0.2	0
96	Ly49V. The AFCS-nature Molecule Pages, 0, , .	0.2	0
97	Ly49I. The AFCS-nature Molecule Pages, 0, , .	0.2	0