

Stephen K Anderson

List of Publications by Year in descending order

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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	Cloning and functional characteristics of murine large granular lymphocyte-1: a member of the Ly-49 gene family (Ly-49G2). <i>Journal of Experimental Medicine</i> , 1995, 182, 293-303.	8.5	199
2	The Ly-49D Receptor Activates Murine Natural Killer Cells. <i>Journal of Experimental Medicine</i> , 1996, 184, 2119-2128.	8.5	198
3	DAP12-mediated Signal Transduction in Natural Killer Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 32934-32942.	3.4	188
4	Differential Activation of the Transcription Factor IRF1 Underlies the Distinct Immune Responses Elicited by Type I and Type III Interferons. <i>Immunity</i> , 2019, 51, 451-464.e6.	14.3	179
5	Molecular Mechanisms of Nitric Oxide in Cancer Progression, Signal Transduction, and Metabolism. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1124-1143.	5.4	122
6	The ever-expanding Ly49 gene family: repertoire and signaling. <i>Immunological Reviews</i> , 2001, 181, 79-89.	6.0	118
7	A cyclophilin-related protein involved in the function of natural killer cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 542-546.	7.1	109
8	Fine mapping and functional analysis of a common variant in <i>MSMB</i> on chromosome 10q11.2 associated with prostate cancer susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7933-7938.	7.1	96
9	CD8 T cells express randomly selected KIRs with distinct specificities compared with NK cells. <i>Blood</i> , 2012, 120, 3455-3465.	1.4	95
10	Identification of Probabilistic Transcriptional Switches in the Ly49 Gene Cluster. <i>Immunity</i> , 2004, 21, 55-66.	14.3	94
11	Genetic Control of Variegated KIR Gene Expression: Polymorphisms of the Bi-Directional KIR3DL1 Promoter Are Associated with Distinct Frequencies of Gene Expression. <i>PLoS Genetics</i> , 2008, 4, e1000254.	3.5	94
12	Minimal PD-1 expression in mouse and human NK cells under diverse conditions. <i>Journal of Clinical Investigation</i> , 2020, 130, 3051-3068.	8.2	90
13	CCR5AS lncRNA variation differentially regulates CCR5, influencing HIV disease outcome. <i>Nature Immunology</i> , 2019, 20, 824-834.	14.5	87
14	Class I MHC-Binding Characteristics of the 129/J Ly49 Repertoire. <i>Journal of Immunology</i> , 2001, 166, 5034-5043.	0.8	77
15	A BAC Contig Map of the Ly49 Gene Cluster in 129 Mice Reveals Extensive Differences in Gene Content Relative to C57BL/6 Mice. <i>Genomics</i> , 2002, 79, 437-444.	2.9	73
16	Epigenetic regulation of NK cell differentiation and effector functions. <i>Frontiers in Immunology</i> , 2013, 4, 55.	4.8	71
17	A novel role for IL-22R1 as a driver of inflammation. <i>Blood</i> , 2011, 117, 575-584.	1.4	64
18	Induction of DAP12 phosphorylation, calcium mobilization, and cytokine secretion by Ly49H. <i>Journal of Leukocyte Biology</i> , 1999, 66, 165-171.	3.3	60

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19	Novel <i>KIR3DL1</i> Alleles and Their Expression Levels on NK Cells: Convergent Evolution of <i>KIR3DL1</i> Phenotype Variation?. <i>Journal of Immunology</i> , 2008, 180, 6743-6750.	0.8	60
20	Identification of bidirectional promoters in the human <i>KIR</i> genes. <i>Genes and Immunity</i> , 2007, 8, 245-253.	4.1	59
21	Cutting Edge: <i>KIR</i> Antisense Transcripts Are Processed into a 28-Base PIWI-Like RNA in Human NK Cells. <i>Journal of Immunology</i> , 2010, 185, 2009-2012.	0.8	59
22	TET2 binds the androgen receptor and loss is associated with prostate cancer. <i>Oncogene</i> , 2017, 36, 2172-2183.	5.9	56
23	The N-Terminal Cyclophilin-Homologous Domain of a 150-Kilodalton Tumor Recognition Molecule Exhibits Both Peptidylprolyl cis-trans-Isomerase and Chaperone Activities. <i>Biochemistry</i> , 1994, 33, 1668-1673.	2.5	52
24	Detection of <i>KIR3DS1</i> on the Cell Surface of Peripheral Blood NK Cells Facilitates Identification of a Novel Null Allele and Assessment of <i>KIR3DS1</i> Expression during HIV-1 Infection. <i>Journal of Immunology</i> , 2007, 179, 1625-1633.	0.8	50
25	HLA-C Level Is Regulated by a Polymorphic Oct1 Binding Site in the HLA-C Promoter Region. <i>American Journal of Human Genetics</i> , 2016, 99, 1353-1358.	6.2	49
26	Identification of a Novel <i>Ly49</i> Promoter That Is Active in Bone Marrow and Fetal Thymus. <i>Journal of Immunology</i> , 2002, 168, 5163-5169.	0.8	48
27	Mutational and Structural Analysis of <i>KIR3DL1</i> Reveals a Lineage-Defining Allotypic Dimorphism That Impacts Both HLA and Peptide Sensitivity. <i>Journal of Immunology</i> , 2014, 192, 2875-2884.	0.8	48
28	Aberrant DAP12 Signaling in the 129 Strain of Mice: Implications for the Analysis of Gene-Targeted Mice. <i>Journal of Immunology</i> , 2002, 169, 1721-1728.	0.8	47
29	Direct sequence comparison of two divergent class I MHC natural killer cell receptor haplotypes. <i>Genes and Immunity</i> , 2005, 6, 71-83.	4.1	46
30	The transcription factor c-Myc enhances <i>KIR</i> gene transcription through direct binding to an upstream distal promoter element. <i>Blood</i> , 2009, 113, 3245-3253.	1.4	46
31	Complete elucidation of a minimal class I MHC natural killer cell receptor haplotype. <i>Genes and Immunity</i> , 2005, 6, 481-492.	4.1	44
32	Mouse <i>Ly49C2+</i> NK cells dominate early responses during both immune reconstitution and activation independently of MHC. <i>Blood</i> , 2011, 117, 7032-7041.	1.4	44
33	RS cyclophilins: Identification of an NK-TR1-related cyclophilin. <i>Gene</i> , 1996, 180, 151-155.	2.2	42
34	<i>Ly49</i> cluster sequence analysis in a mouse model of diabetes: an expanded repertoire of activating receptors in the NOD genome. <i>Genes and Immunity</i> , 2008, 9, 509-521.	4.1	38
35	The nucleotide sequence of the β gene of bacteriophage Mu. <i>Nucleic Acids Research</i> , 1984, 12, 8627-8638.	14.5	37
36	Regulation of class I major histocompatibility complex receptor expression in natural killer cells: one promoter is not enough!. <i>Immunological Reviews</i> , 2006, 214, 9-21.	6.0	37

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37	Autoimmunity, spontaneous tumourigenesis, and IL-15 insufficiency in mice with a targeted disruption of the tumour suppressor gene <i>Fus1</i> . <i>Journal of Pathology</i> , 2007, 211, 591-601.	4.5	35
38	Transcriptional regulation of <i>Munc13-4</i> expression in cytotoxic lymphocytes is disrupted by an intronic mutation associated with a primary immunodeficiency. <i>Journal of Experimental Medicine</i> , 2014, 211, 1079-1091.	8.5	35
39	Transcriptional Regulation of NK Cell Receptors. <i>Current Topics in Microbiology and Immunology</i> , 2006, 298, 59-75.	1.1	31
40	Killer Immunoglobulin-Like Receptor Transcriptional Regulation: A Fascinating Dance of Multiple Promoters. <i>Journal of Innate Immunity</i> , 2011, 3, 242-248.	3.8	30
41	Mouse <i>Nkrp1-Clr</i> Gene Cluster Sequence and Expression Analyses Reveal Conservation of Tissue-Specific MHC-Independent Immunosurveillance. <i>PLoS ONE</i> , 2012, 7, e50561.	2.5	30
42	Identification of distal KIR promoters and transcripts. <i>Genes and Immunity</i> , 2007, 8, 124-130.	4.1	29
43	<i>Ly49</i> Gene Expression in Different Inbred Mouse Strains. <i>Immunologic Research</i> , 2000, 21, 39-48.	2.9	26
44	Identification of an elaborate NK-specific system regulating HLA-C expression. <i>PLoS Genetics</i> , 2018, 14, e1007163.	3.5	26
45	Understanding the tumour microenvironment communication network from an <i>NOS2/COX2</i> perspective. <i>British Journal of Pharmacology</i> , 2019, 176, 155-176.	5.4	26
46	Promoter variants in the <i>MSMB</i> gene associated with prostate cancer regulate <i>MSMB/NCOA4</i> fusion transcripts. <i>Human Genetics</i> , 2012, 131, 1453-1466.	3.8	25
47	Characterization of KIR intermediate promoters reveals four promoter types associated with distinct expression patterns of KIR subtypes. <i>Genes and Immunity</i> , 2016, 17, 66-74.	4.1	25
48	Regulation of Natural Killer Cell Function. <i>Cancer Biology and Therapy</i> , 2003, 2, 608-614.	3.4	24
49	Identification of a KIR antisense lncRNA expressed by progenitor cells. <i>Genes and Immunity</i> , 2013, 14, 427-433.	4.1	21
50	Nitric Oxide Modulates Metabolic Processes in the Tumor Immune Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7068.	4.1	21
51	Independent Control of <i>Ly49g</i> Alleles: Implications for NK Cell Repertoire Selection and Tumor Cell Killing. <i>Journal of Immunology</i> , 2004, 172, 1414-1425.	0.8	20
52	Probabilistic Bidirectional Promoter Switches: Noncoding RNA Takes Control. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e191.	5.1	20
53	Functional NK Cell Repertoires Are Maintained through IL-2R β and Fas Ligand. <i>Journal of Immunology</i> , 2014, 192, 3889-3897.	0.8	20
54	Molecular evolution of elements controlling HLA-C expression: Adaptation to a role as a killer cell immunoglobulin-like receptor ligand regulating natural killer cell function. <i>Hla</i> , 2018, 92, 271-278.	0.6	20

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55	Tuning of human NK cells by endogenous HLA-C expression. <i>Immunogenetics</i> , 2020, 72, 205-215.	2.4	20
56	A functional and phenotypic comparison of murine natural killer (NK) cells and lymphokine-activated killer (LAK) cells. <i>International Journal of Cancer</i> , 1989, 43, 940-948.	5.1	19
57	Characterization of the Ly49I promoter. <i>Immunogenetics</i> , 2000, 51, 326-331.	2.4	17
58	Characterization of a weakly expressed KIR2DL1 variant reveals a novel upstream promoter that controls KIR expression. <i>Genes and Immunity</i> , 2014, 15, 440-448.	4.1	16
59	v-Ras and v-Raf Block Differentiation of Transformable C3H10T1/2-Derived Preadipocytes at Lower Levels Than Required for Neoplastic Transformation. <i>Experimental Cell Research</i> , 1997, 235, 188-197.	2.6	15
60	Receptor Glycosylation Regulates Ly-49 Binding to MHC Class I. <i>Journal of Immunology</i> , 2003, 171, 4235-4242.	0.8	15
61	Decreased p21 levels in anti-sense ras transfectants augments NK sensitivity. <i>Molecular Immunology</i> , 1989, 26, 985-991.	2.2	14
62	LAB/NTAL Facilitates Fungal/PAMP-induced IL-12 and IFN- β Production by Repressing β -Catenin Activation in Dendritic Cells. <i>PLoS Pathogens</i> , 2013, 9, e1003357.	4.7	14
63	Interleukin-1 and Interferon- β Orchestrate β -Glucan-Activated Human Dendritic Cell Programming via β - β - β Modulation. <i>PLoS ONE</i> , 2014, 9, e114516.	2.5	14
64	IL-2 regulates the expression of the NK-TR gene via an alternate RNA splicing mechanism. <i>Molecular Immunology</i> , 1993, 30, 1307-1313.	2.2	13
65	A mutation in KIR3DS1 that results in truncation and lack of cell surface expression. <i>Immunogenetics</i> , 2007, 59, 823-829.	2.4	13
66	Amelioration of experimental lung metastasis in mice by therapy with anti-CD3 monoclonal antibodies. <i>Cancer Immunology, Immunotherapy</i> , 1989, 29, 226-30.	4.2	12
67	Ascorbic Acid Promotes KIR Demethylation during Early NK Cell Differentiation. <i>Journal of Immunology</i> , 2020, 205, 1513-1523.	0.8	12
68	Activating Receptor Signals Drive Receptor Diversity in Developing Natural Killer Cells. <i>PLoS Biology</i> , 2016, 14, e1002526.	5.6	11
69	Regulation of natural killer cell function. <i>Cancer Biology and Therapy</i> , 2003, 2, 610-6.	3.4	11
70	Molecular Cloning and Characterization of a Novel Mouse Macrophage Gene That Encodes a Nuclear Protein Comprising Polyglutamine Repeats and Interspersing Histidines. <i>Journal of Biological Chemistry</i> , 1996, 271, 25515-25523.	3.4	10
71	Localization of a Novel Natural Killer Triggering Receptor Locus to Human Chromosome 3p23-p21 and Mouse Chromosome 9. <i>Genomics</i> , 1993, 16, 548-549.	2.9	9
72	NF- β p50/p65 Affects the Frequency of Ly49 Gene Expression by NK Cells. <i>Journal of Immunology</i> , 2007, 179, 1751-1759.	0.8	8

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73	Contrasting Effects of Anti-Ly49A Due to MHC Class IcisBinding on NK Cellâ€“Mediated Allogeneic Bone Marrow Cell Resistance. <i>Journal of Immunology</i> , 2013, 191, 688-698.	0.8	8
74	Analysis of Ly49 gene transcripts in mature NK cells supports a role for the Pro1 element in gene activation, not gene expression. <i>Genes and Immunity</i> , 2016, 17, 349-357.	4.1	8
75	Identification of trophoblastâ€“specific elements in the HLAâ€“C core promoter. <i>Hla</i> , 2018, 92, 288-297.	0.6	8
76	Association of TNFRSF1B Promoter Polymorphisms with Human Disease: Further Studies Examining T-Regulatory Cells Are Required. <i>Frontiers in Immunology</i> , 2018, 9, 443.	4.8	8
77	The Human TET2 Gene Contains Three Distinct Promoter Regions With Differing Tissue and Developmental Specificities. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 99.	3.7	8
78	Tuning of NK-Specific HLA-C Expression by Alternative mRNA Splicing. <i>Frontiers in Immunology</i> , 2019, 10, 3034.	4.8	8
79	Genetic and Epigenetic Regulation of the Smoothed Gene (SMO) in Cancer Cells. <i>Cancers</i> , 2020, 12, 2219.	3.7	7
80	Characterization of the MouseNktrGene and Promoter. <i>Genomics</i> , 1997, 40, 94-100.	2.9	5
81	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?. <i>Journal of Nutrition</i> , 2005, 135, 2910S.	2.9	3
82	Differential Expression of the Ly49GB6, but Not the Ly49GBALB, Receptor Isoform during Natural Killer Cell Reconstitution after Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2013, 19, 1446-1452.	2.0	3
83	Genetic variation that determines<i>TAPBP</i> expression levels associates with the course of malaria in an HLA allotype-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	3
84	A mutation in KIR3DS1 that results in truncation and lack of cell surface expression. <i>Immunogenetics</i> , 2007, 59, 823.	2.4	2
85	Antisense Transcripts Negatively Regulate Transcription of Multiple Variegated Killer Immunoglobulin-Like Receptor (KIR) Genes. <i>Blood</i> , 2008, 112, 105-105.	1.4	2
86	Identification and Analysis of Novel Transcripts and Promoters in the Human Killer Cell Immunoglobulin-like Receptor (KIRâ€“) Genes. <i>Methods in Molecular Biology</i> , 2010, 612, 377-391.	0.9	1
87	Dap12. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	1
88	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.. <i>Blood</i> , 2007, 110, 798-798.	1.4	1
89	Ly49O. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	0
90	Ly49L. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	0

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91	Ly49P. The AFCS-nature Molecule Pages, 0, , .	0.2	0
92	Ly49V. The AFCS-nature Molecule Pages, 0, , .	0.2	0
93	Ly49I. The AFCS-nature Molecule Pages, 0, , .	0.2	0
94	Characterization Of a Weakly Expressed KIR2DL1 Allele. Blood, 2013, 122, 4847-4847.	1.4	0
95	Functional NK Cell Repertoires Are Determined By Survival Mechanisms Through IL-2Ra and FasL. Blood, 2013, 122, 786-786.	1.4	0
96	Abstract 454:TET2alterations facilitate progression of metastatic prostate cancer. , 2014, , .		0
97	Abstract 4796: Chronic exposure to nitric oxide drives human breast epithelial cells to malignant-like features. , 2017, , .		0