

# Anne Spurkland

## List of Publications by Year in descending order

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111  
papers

9,605  
citations

66234

42  
h-index

38300

95  
g-index

116  
all docs

116  
docs citations

116  
times ranked

13064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Erik Thorsby (1938–2021). <i>Immunogenetics</i> , 2021, 73, 203-205.	1.2	0
2	Exploring the role of the multiple sclerosis susceptibility gene <i>CLEC16A</i> in T cells. <i>Scandinavian Journal of Immunology</i> , 2021, 94, e13050.	1.3	4
3	Tyr192 Regulates Lymphocyte-Specific Tyrosine Kinase Activity in T Cells. <i>Journal of Immunology</i> , 2021, 207, 1128-1137.	0.4	6
4	A simple and efficient workflow for generation of knock-in mutations in Jurkat T cells using CRISPR/Cas9. <i>Scandinavian Journal of Immunology</i> , 2020, 91, e12862.	1.3	9
5	Adaptor proteins: Flexible and dynamic modulators of immune cell signalling. <i>Scandinavian Journal of Immunology</i> , 2020, 92, e12951.	1.3	10
6	The SH3 domains of the protein kinases ITK and LCK compete for adjacent sites on T cell-specific adapter protein. <i>Journal of Biological Chemistry</i> , 2019, 294, 15480-15494.	1.6	9
7	Improving assessment quality in professional higher education: Could external peer review of items be the answer?. <i>Cogent Medicine</i> , 2019, 6, 1659746.	0.7	1
8	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. <i>Science</i> , 2019, 365, .	6.0	710
9	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. <i>Cell</i> , 2018, 175, 1679-1687.e7.	13.5	115
10	Polarity of CD4+ T cells towards the antigen presenting cell is regulated by the Lck adapter TSAd. <i>Scientific Reports</i> , 2018, 8, 13319.	1.6	17
11	In vitro analysis of antigen induced T cell-monocyte conjugates by imaging flow cytometry. <i>Journal of Immunological Methods</i> , 2018, 460, 93-100.	0.6	2
12	The endothelial adaptor molecule TSAd is required for VEGF-induced angiogenic sprouting through junctional c-Src activation. <i>Science Signaling</i> , 2016, 9, ra72.	1.6	35
13	NR1H3 p.Arg415Gln Is Not Associated to Multiple Sclerosis Risk. <i>Neuron</i> , 2016, 92, 333-335.	3.8	24
14	The multiple sclerosis susceptibility genes TAGAP and IL2RA are regulated by vitamin D in CD4+ T cells. <i>Genes and Immunity</i> , 2016, 17, 118-127.	2.2	35
15	Reduced MCMV $\hat{m}$ 157 viral clearance in the absence of TSAd. <i>Scientific Reports</i> , 2015, 5, 9219.	1.6	3
16	T cell specific adaptor protein (TSAd) promotes interaction of Nck with Lck and SLP-76 in T cells. <i>Cell Communication and Signaling</i> , 2015, 13, 31.	2.7	14
17	Multiple Sclerosis Risk Allele in CLEC16A Acts as an Expression Quantitative Trait Locus for CLEC16A and SOCS1 in CD4+ T Cells. <i>PLoS ONE</i> , 2015, 10, e0132957.	1.1	16
18	Retinoic acid-induced IgG production in TLR-activated human primary B cells involves ULK1-mediated autophagy. <i>Autophagy</i> , 2015, 11, 460-471.	4.3	23

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19	Coordinated Expression of DNAM-1 and LFA-1 in Educated NK Cells. <i>Journal of Immunology</i> , 2015, 194, 4518-4527.	0.4	81
20	Class II HLA interactions modulate genetic risk for multiple sclerosis. <i>Nature Genetics</i> , 2015, 47, 1107-1113.	9.4	312
21	Retinoic acid enhances the levels of IL-10 in TLR-stimulated B cells from patients with relapsingâ€“remitting multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2015, 278, 11-18.	1.1	18
22	The kinase Itk and the adaptor TSAd change the specificity of the kinase Lck in T cells by promoting the phosphorylation of Tyr <sup>192</sup> . <i>Science Signaling</i> , 2014, 7, ra118.	1.6	21
23	Expression of the T Cellâ€“specific Adapter Protein in Human Tissues. <i>Scandinavian Journal of Immunology</i> , 2014, 80, 169-179.	1.3	3
24	Solubility of recombinant Src homology 2 domains expressed in E. coli can be predicted by TANGO. <i>BMC Biotechnology</i> , 2014, 14, 3.	1.7	4
25	Multiple sclerosis-associated single-nucleotide polymorphisms in CLEC16A correlate with reduced SOCS1 and DEXI expression in the thymus. <i>Genes and Immunity</i> , 2013, 14, 62-66.	2.2	33
26	B cell tolerance to the B cell receptor variable regions. <i>European Journal of Immunology</i> , 2013, 43, 2577-2587.	1.6	5
27	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. <i>Nature Genetics</i> , 2013, 45, 1353-1360.	9.4	1,213
28	A Candidate-Interactome Aggregate Analysis of Genome-Wide Association Data in Multiple Sclerosis. <i>PLoS ONE</i> , 2013, 8, e63300.	1.1	66
29	Network-Based Multiple Sclerosis Pathway Analysis with GWAS Data from 15,000 Cases and 30,000 Controls. <i>American Journal of Human Genetics</i> , 2013, 92, 854-865.	2.6	164
30	VEGFR2 induces c-Src signaling and vascular permeability in vivo via the adaptor protein TSAd. <i>Journal of Experimental Medicine</i> , 2012, 209, 1363-1377.	4.2	194
31	SH2D2A Modulates T Cell Mediated Protection to a B Cell Derived Tumor in Transgenic Mice. <i>PLoS ONE</i> , 2012, 7, e48239.	1.1	23
32	VEGFR2 induces c-Src signaling and vascular permeability in vivo via the adaptor protein TSAd. <i>Journal of Cell Biology</i> , 2012, 197, i10-i10.	2.3	0
33	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. <i>Nature</i> , 2011, 476, 214-219.	13.7	2,400
34	Exploring the CLEC16A gene reveals a MS-associated variant with correlation to the relative expression of CLEC16A isoforms in thymus. <i>Genes and Immunity</i> , 2011, 12, 191-198.	2.2	40
35	Expression of the T cellâ€“specific adapter protein in oral epithelium. <i>European Journal of Oral Sciences</i> , 2010, 118, 159-167.	0.7	5
36	A rare variant of the TYK2 gene is confirmed to be associated with multiple sclerosis. <i>European Journal of Human Genetics</i> , 2010, 18, 502-504.	1.4	60

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37	IL12A, MPHOSPH9/CDK2AP1 and RGS1 are novel multiple sclerosis susceptibility loci. <i>Genes and Immunity</i> , 2010, 11, 397-405.	2.2	70
38	Lack of support for association between the KIF1B rs10492972[C] variant and multiple sclerosis. <i>Nature Genetics</i> , 2010, 42, 469-470.	9.4	23
39	T Cell Specific Adapter Protein (TSAd) Interacts with Tec Kinase ITK to Promote CXCL12 Induced Migration of Human and Murine T Cells. <i>PLoS ONE</i> , 2010, 5, e9761.	1.1	20
40	A Role for <i>VAV1</i> in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. <i>Science Translational Medicine</i> , 2009, 1, 10ra21.	5.8	52
41	Killer immunoglobulin-like receptor ligand HLA-B*47:01 protects against multiple sclerosis. <i>Annals of Neurology</i> , 2009, 65, 658-666.	2.8	55
42	Replication analysis identifies TYK2 as a multiple sclerosis susceptibility factor. <i>European Journal of Human Genetics</i> , 2009, 17, 1309-1313.	1.4	115
43	The expanding genetic overlap between multiple sclerosis and type I diabetes. <i>Genes and Immunity</i> , 2009, 10, 11-14.	2.2	153
44	Genetic and Molecular Approaches to the Immunopathogenesis of Multiple Sclerosis: An Update. <i>Current Molecular Medicine</i> , 2009, 9, 591-611.	0.6	7
45	The SH2D2A gene and susceptibility to multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2008, 197, 152-158.	1.1	14
46	Expression of SH2D2A in T-cells is regulated both at the transcriptional and translational level. <i>Molecular Immunology</i> , 2008, 45, 2380-2390.	1.0	15
47	Modulation of Lck Function through Multisite Docking to T Cell-specific Adapter Protein. <i>Journal of Biological Chemistry</i> , 2008, 283, 21909-21919.	1.6	25
48	Parent of origin in multiple sclerosis. <i>Neurology</i> , 2008, 71, 786-787.	1.5	4
49	A follow-up study of Nordic multiple sclerosis candidate gene regions. <i>Multiple Sclerosis Journal</i> , 2007, 13, 584-589.	1.4	0
50	Molecular genetic studies of natives on Easter Island: evidence of an early European and Amerindian contribution to the Polynesian gene pool. <i>Tissue Antigens</i> , 2007, 69, 10-18.	1.0	28
51	Primary sclerosing cholangitis is associated with extended HLA-DR3 and HLA-DR6 haplotypes. <i>Tissue Antigens</i> , 2007, 69, 161-169.	1.0	41
52	The impact of HLA-A and -DRB1 on age at onset, disease course and severity in Scandinavian multiple sclerosis patients. <i>European Journal of Neurology</i> , 2007, 14, 835-840.	1.7	68
53	X chromosome inactivation in females with multiple sclerosis. <i>European Journal of Neurology</i> , 2007, 14, 1392-1396.	1.7	29
54	Genetics in multiple sclerosis: past and future perspectives. <i>Acta Neurologica Scandinavica</i> , 2007, 115, 34-38.	1.0	28

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55	Mapping genes and pathways in autoimmune disease. <i>Trends in Immunology</i> , 2006, 27, 336-342.	2.9	6
56	Coding region polymorphisms in T cell signal transduction genes. Prevalence and association to development of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2006, 177, 40-45.	1.1	2
57	Linkage disequilibrium screening for multiple sclerosis implicates JAG1 and POU2AF1 as susceptibility genes in Europeans. <i>Journal of Neuroimmunology</i> , 2006, 179, 108-116.	1.1	29
58	Structure function analysis of SH2D2A isoforms expressed in T cells reveals a crucial role for the proline rich region encoded by SH2D2A exon 7. <i>BMC Immunology</i> , 2006, 7, 15.	0.9	18
59	No major effect of the CD28/CTLA4/ICOS gene region on susceptibility to primary sclerosing cholangitis. <i>Scandinavian Journal of Gastroenterology</i> , 2006, 41, 586-591.	0.6	9
60	VEGF receptor-2 Y951 signaling and a role for the adapter molecule TSAd in tumor angiogenesis. <i>EMBO Journal</i> , 2005, 24, 2342-2353.	3.5	243
61	Lack of association with the CD28/CTLA4/ICOS gene region among Norwegian multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 2005, 166, 197-201.	1.1	27
62	The C-terminus of T-cell-specific adapter protein (TSAd) is necessary for TSAd-mediated inhibition of Lck activity. <i>European Journal of Immunology</i> , 2005, 35, 1612-1620.	1.6	23
63	A High-Density Screen for Linkage in Multiple Sclerosis. <i>American Journal of Human Genetics</i> , 2005, 77, 454-467.	2.6	268
64	Transcriptional Activation of the SH2D2A Gene Is Dependent on a Cyclic Adenosine 5'-Monophosphate-Responsive Element in the Proximal SH2D2A Promoter. <i>Journal of Immunology</i> , 2004, 172, 6144-6151.	0.4	15
65	Concordance for disease course and age of onset in Scandinavian multiple sclerosis coaffected sib pairs. <i>Multiple Sclerosis Journal</i> , 2004, 10, 5-8.	1.4	5
66	Concordance for disease course and age of onset in Scandinavian multiple sclerosis coaffected sib pairs. <i>Multiple Sclerosis Journal</i> , 2004, 10, 5-8.	1.4	24
67	Tumour Necrosis Factor Receptor Superfamily Member 6 Gene Mutation Detection by Denaturing High-Performance Liquid Chromatography. <i>Scandinavian Journal of Immunology</i> , 2004, 59, 496-503.	1.3	0
68	Genes in the HLA class I region may contribute to the HLA class II-associated genetic susceptibility to multiple sclerosis. <i>Tissue Antigens</i> , 2004, 63, 237-247.	1.0	130
69	Genetic association between juvenile rheumatoid arthritis and polymorphism in the SH2D2A gene. <i>Genes and Immunity</i> , 2004, 5, 310-312.	2.2	25
70	cDNA cloning of a rat orthologue of SH2D2A encoding T-cell-specific adaptor protein (TSAd): expression in T and NK cells. <i>Immunogenetics</i> , 2004, 56, 338-42.	1.2	12
71	Identification of lectin-like receptors expressed by antigen presenting cells and neutrophils and their mapping to a novel gene complex. <i>Immunogenetics</i> , 2004, 56, 506-517.	1.2	114
72	Microchimerism in immune competent patients related to the leukocyte content of transfused red blood cell concentrates. <i>Transfusion and Apheresis Science</i> , 2004, 31, 173-180.	0.5	11

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73	Association of matrix metalloproteinase-1 and -3 promoter polymorphisms with clinical subsets of Norwegian primary sclerosing cholangitis patients. <i>Journal of Hepatology</i> , 2004, 41, 209-214.	1.8	48
74	Two genome-wide linkage disequilibrium screens in Scandinavian multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 2003, 143, 101-106.	1.1	15
75	HLA profile of three ethnic groups living in the North-Western region of Russia. <i>Tissue Antigens</i> , 2002, 59, 38-43.	1.0	21
76	A genome-wide screen for linkage in Nordic sib-pairs with multiple sclerosis. <i>Genes and Immunity</i> , 2002, 3, 279-285.	2.2	73
77	Association of the tumour necrosis factor alpha -308 but not the interleukin 10 -627 promoter polymorphism with genetic susceptibility to primary sclerosing cholangitis. <i>Gut</i> , 2001, 49, 288-294.	6.1	97
78	Primary sclerosing cholangitis is associated to an extended B8-DR3 haplotype including particular MICA and MICB alleles. <i>Hepatology</i> , 2001, 34, 625-630.	3.6	79
79	The T cell regulator gene SH2D2A contributes to the genetic susceptibility of multiple sclerosis. <i>Genes and Immunity</i> , 2001, 2, 263-268.	2.2	44
80	Linkage analysis suggests a region of importance for multiple sclerosis in 3p14-13. <i>Genes and Immunity</i> , 2001, 2, 451-454.	2.2	4
81	No linkage or association of the nitric oxide synthase genes to multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2001, 119, 95-100.	1.1	18
82	Method for Avoiding PCR-Inhibiting Contaminants when Eluting DNA from Polyacrylamide Gels. <i>BioTechniques</i> , 2000, 29, 694-696.	0.8	9
83	Cutting Edge: T Cell-Specific Adapter Protein Inhibits T Cell Activation by Modulating Lck Activity. <i>Journal of Immunology</i> , 2000, 165, 2927-2931.	0.4	50
84	Cholangiocarcinoma in primary sclerosing cholangitis: K-ras mutations and Tp53 dysfunction are implicated in the neoplastic development. <i>Journal of Hepatology</i> , 2000, 32, 374-380.	1.8	79
85	CTLA4 promoter and exon 1 dimorphisms in multiple sclerosis. <i>Tissue Antigens</i> , 1999, 53, 106-110.	1.0	150
86	HLA class II haplotypes in primary sclerosing cholangitis patients from five European populations. <i>Tissue Antigens</i> , 1999, 53, 459-469.	1.0	151
87	The T cell receptor repertoire of CD8+ CD28 <sup>+</sup> T lymphocytes is dominated by expanded clones that persist over time. <i>Clinical and Experimental Immunology</i> , 1999, 117, 298-303.	1.1	17
88	Molecular analysis of the complementarity determining region 3 of the human T cell receptor $\beta$ chain. Establishment of a reference panel of CDR3 lengths from phytohaemagglutinin activated lymphocytes. <i>Journal of Immunological Methods</i> , 1999, 223, 207-216.	0.6	9
89	Demonstration of identical expanded clones within both CD8+ $\alpha$ CD28+ and CD8+ $\alpha$ CD28 <sup>-</sup> T cell subsets in HIV type 1-infected individuals. <i>European Journal of Immunology</i> , 1998, 28, 1738-1742.	1.6	40
90	Molecular Cloning of a T Cell-specific Adapter Protein (TSAd) Containing an Src Homology (SH) 2 Domain and Putative SH3 and Phosphotyrosine Binding Sites. <i>Journal of Biological Chemistry</i> , 1998, 273, 4539-4546.	1.6	63

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91	Activation and Proliferation of CD8+ T Cells in Lymphoid Tissues of HIV-1-Infected Individuals in the Absence of the High-Affinity IL-2 Receptor. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1998, 19, 332-338.	0.3	13
92	A STRONG IMPACT OF MATCHING FOR A LIMITED NUMBER OF HLA-DR ANTIGENS ON GRAFT SURVIVAL AND REJECTION EPISODES. <i>Transplantation</i> , 1998, 66, 523-528.	0.5	25
93	T cell epitopes encompassing the mutational hot spot position 61 of p21 ras. Promiscuity in ras peptide binding to HLA. <i>European Journal of Immunology</i> , 1994, 24, 410-414.	1.6	28
94	Heterogeneity of T cells specific for a particular peptide/HLA-DQ complex. <i>Human Immunology</i> , 1994, 39, 61-68.	1.2	5
95	No association of multiple sclerosis to alleles at the TAP2 locus. <i>Human Immunology</i> , 1994, 39, 299-301.	1.2	17
96	p21 <i>ras</i> peptide-specific T cell responses in a patient with colorectal cancer. CD4 <sup>+</sup> and CD8 <sup>+</sup> T cells recognize a peptide corresponding to a common mutation (13Gly → Asp). <i>International Journal of Cancer</i> , 1994, 56, 40-45.	2.3	79
97	Hla class ii alleles and heterogeneity of juvenile rheumatoid arthritis.dr1*0101 may define a novel subset of the disease. <i>Arthritis and Rheumatism</i> , 1993, 36, 465-472.	6.7	70
98	HLA matching of unrelated bone marrow transplant pairs: Direct sequencing of <i>in vitro</i> amplified HLA-DRB1 and -DQB1 genes using magnetic beads as solid support. <i>Tissue Antigens</i> , 1993, 41, 155-164.	1.0	58
99	Isolation and Characterization of a Human Pseudogene for the Regulatory Subunit R1 $\epsilon$ of cAMP-Dependent Protein Kinases and Its Sublocalization on Chromosome 1. <i>Genomics</i> , 1993, 15, 591-597.	1.3	16
100	Memory T cells of a patient with follicular thyroid carcinoma recognize peptides derived from mutated p21 ras (Gln → Leu61). <i>International Immunology</i> , 1992, 4, 1331-1337.	1.8	60
101	HLA-DR and -DQ genotypes of celiac disease patients serologically typed to be non-DR3 or non-DR5/7. <i>Human Immunology</i> , 1992, 35, 188-192.	1.2	112
102	Linkage disequilibrium between DPA1 and DPB1 alleles among Norwegian caucasoids and Japanese. <i>Tissue Antigens</i> , 1992, 40, 1-4.	1.0	9
103	HLA-DQA1 and HLA-DQB1 genes may jointly determine susceptibility to develop multiple sclerosis. <i>Human Immunology</i> , 1991, 30, 69-75.	1.2	138
104	Myasthenia gravis patients with thymus hyperplasia and myasthenia gravis patients with thymoma display different HLA associations. <i>Tissue Antigens</i> , 1991, 37, 90-93.	1.0	48
105	Distribution of HLA-DRB1, -DQA1 and -DQB1 alleles and DQA1-DQB1 genotypes among Norwegian patients with insulin-dependent diabetes mellitus. <i>Tissue Antigens</i> , 1991, 37, 105-111.	1.0	153
106	Novel HLA-DR2 and -DR3 haplotypes among Norwegian Caucasians. <i>Tissue Antigens</i> , 1991, 37, 165-167.	1.0	18
107	HLA-DRB1, -DQA1, -DQB1, -DPA1 and -DPB1 genes in Japanese multiple sclerosis patients. <i>Tissue Antigens</i> , 1991, 37, 171-173.	1.0	21
108	Rheumatoid arthritis may be primarily associated with HLA-DR4 molecules sharing a particular sequence at residues 67-74. <i>Tissue Antigens</i> , 1990, 36, 235-240.	1.0	56

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109	Susceptibility to develop celiac disease is primarily associated with HLA-DQ alleles. Human Immunology, 1990, 29, 157-165.	1.2	67
110	Distribution of HLA class II alleles among Norwegian caucasians. Human Immunology, 1990, 29, 275-281.	1.2	120
111	The amino acid at position 57 of the HLA-DQB chain and susceptibility to develop insulin-dependent diabetes mellitus. Human Immunology, 1989, 26, 215-225.	1.2	139