

Thomas M Aune

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,014
citations

147801

31
h-index

168389

53
g-index

63
all docs

63
docs citations

63
times ranked

4502
citing authors

#	ARTICLE	IF	CITATIONS
1	Methotrexate and its mechanisms of action in inflammatory arthritis. <i>Nature Reviews Rheumatology</i> , 2020, 16, 145-154.	8.0	321
2	Cutting Edge: Influence of <i>Tmevpg1</i> , a Long Intergenic Noncoding RNA, on the Expression of <i>Ifng</i> by Th1 Cells. <i>Journal of Immunology</i> , 2012, 189, 2084-2088.	0.8	231
3	Cutting Edge: Molecular Portrait of Human Autoimmune Disease. <i>Journal of Immunology</i> , 2002, 169, 5-9.	0.8	193
4	Expression and functions of long noncoding RNAs during human T helper cell differentiation. <i>Nature Communications</i> , 2015, 6, 6932.	12.8	172
5	Dynamic changes in histone-methylation 'marks' across the locus encoding interferon- β during the differentiation of T helper type 2 cells. <i>Nature Immunology</i> , 2007, 8, 723-731.	14.5	155
6	Methotrexate Inhibits NF- κ B Activity Via Long Intergenic (Noncoding) RNA- α p21 Induction. <i>Arthritis and Rheumatology</i> , 2014, 66, 2947-2957.	5.6	128
7	Regulation of the Th1 Genomic Locus from <i>Ifng</i> through <i>Tmevpg1</i> by T-bet. <i>Journal of Immunology</i> , 2014, 193, 3959-3965.	0.8	96
8	Divergent lncRNA GATA3-AS1 Regulates GATA3 Transcription in T-Helper 2 Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2512.	4.8	88
9	Histone hyperacetylated domains across the <i>Ifng</i> gene region in natural killer cells and T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17095-17100.	7.1	79
10	Long non-coding RNAs in innate and adaptive immunity. <i>Virus Research</i> , 2016, 212, 146-160.	2.2	79
11	Epigenetics and T helper 1 differentiation. <i>Immunology</i> , 2009, 126, 299-305.	4.4	68
12	Dynamic alterations in the conformation of the <i>Ifng</i> gene region during T helper cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 251-256.	7.1	67
13	Long-range histone acetylation of the <i>Ifng</i> gene is an essential feature of T cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2440-2445.	7.1	63
14	Expression of long non-coding RNAs in autoimmunity and linkage to enhancer function and autoimmune disease risk genetic variants. <i>Journal of Autoimmunity</i> , 2017, 81, 99-109.	6.5	58
15	Either IL-2 or IL-12 Is Sufficient to Direct Th1 Differentiation by Nonobese Diabetic T Cells. <i>Journal of Immunology</i> , 2003, 170, 735-740.	0.8	56
16	Cutting Edge: Distal Regulatory Elements Are Required to Achieve Selective Expression of IFN- β in Th1/Tc1 Effector Cells. <i>Journal of Immunology</i> , 2002, 169, 6664-6667.	0.8	55
17	Methotrexate-mediated inhibition of nuclear factor κ B activation by distinct pathways in T cells and fibroblast-like synoviocytes. <i>Rheumatology</i> , 2015, 54, 178-187.	1.9	52
18	Methotrexate induces production of IL-1 and IL-6 in the monocytic cell line U937. <i>Arthritis Research and Therapy</i> , 2014, 16, R17.	3.5	51

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19	A Minimal IFN- γ Promoter Confers Th1 Selective Expression. <i>Journal of Immunology</i> , 2002, 169, 4205-4212.	0.8	50
20	Increased sensitivity to apoptosis induced by methotrexate is mediated by JNK. <i>Arthritis and Rheumatism</i> , 2011, 63, 2606-2616.	6.7	49
21	Methotrexate increases expression of cell cycle checkpoint genes via JNK activation. <i>Arthritis and Rheumatism</i> , 2012, 64, 1780-1789.	6.7	47
22	T-Bet Dependent Removal of Sin3A-Histone Deacetylase Complexes at the <i>Ifng</i> Locus Drives Th1 Differentiation. <i>Journal of Immunology</i> , 2008, 181, 8372-8381.	0.8	44
23	Epigenetic Activation and Silencing of the Gene that Encodes IFN- γ . <i>Frontiers in Immunology</i> , 2013, 4, 112.	4.8	44
24	Reduced p53 in peripheral blood mononuclear cells from patients with rheumatoid arthritis is associated with loss of radiation-induced apoptosis. <i>Arthritis and Rheumatism</i> , 2005, 52, 1047-1057.	6.7	43
25	Shared gene expression profiles in individuals with autoimmune disease and unaffected first-degree relatives of individuals with autoimmune disease. <i>Human Molecular Genetics</i> , 2005, 14, 1305-1314.	2.9	43
26	Bromodomain inhibitor JQ1 reversibly blocks IFN- γ production. <i>Scientific Reports</i> , 2019, 9, 10280.	3.3	41
27	KLF2 is a rate-limiting transcription factor that can be targeted to enhance regulatory T-cell production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9579-9584.	7.1	40
28	Regulation of Pulmonary Graft-versus-Host Disease by IL-26+CD26+CD4 T Lymphocytes. <i>Journal of Immunology</i> , 2015, 194, 3697-3712.	0.8	39
29	Biogenesis and Transcriptional Regulation of Long Noncoding RNAs in the Human Immune System. <i>Journal of Immunology</i> , 2016, 197, 4509-4517.	0.8	39
30	Biological Effects of IL-26 on T Cell-Mediated Skin Inflammation, Including Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 878-889.	0.7	39
31	Expression of <i>IL-33</i> and its epigenetic regulation in multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 307-318.	3.7	36
32	Gene Expression Profiles in Human Autoimmune Disease. <i>Current Pharmaceutical Design</i> , 2003, 9, 1905-1917.	1.9	34
33	Long noncoding RNAs in T lymphocytes. <i>Journal of Leukocyte Biology</i> , 2016, 99, 31-44.	3.3	31
34	Genome-Wide Analysis of Copy Number Variation in Type 1 Diabetes. <i>PLoS ONE</i> , 2010, 5, e15393.	2.5	31
35	Distal Regions of the Human <i>IFNG</i> Locus Direct Cell Type-Specific Expression. <i>Journal of Immunology</i> , 2010, 185, 1492-1501.	0.8	30
36	Profiles of Gene Expression in Human Autoimmune Disease. <i>Cell Biochemistry and Biophysics</i> , 2004, 40, 081-096.	1.8	25

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37	Co-localization of differentially expressed genes and shared susceptibility loci in human autoimmunity. <i>Genetic Epidemiology</i> , 2004, 27, 162-172.	1.3	25
38	Profiles of Long Noncoding RNAs in Human Naive and Memory T Cells. <i>Journal of Immunology</i> , 2017, 199, 547-558.	0.8	25
39	Endogenous double-stranded Alu RNA elements stimulate IFN-responses in relapsing remitting multiple sclerosis. <i>Journal of Autoimmunity</i> , 2019, 100, 40-51.	6.5	25
40	Identification of Molecular Biomarkers for Multiple Sclerosis. <i>Journal of Molecular Diagnostics</i> , 2007, 9, 197-204.	2.8	22
41	Diverse Functions of Distal Regulatory Elements at the <i>IFNG</i> Locus. <i>Journal of Immunology</i> , 2012, 188, 1726-1733.	0.8	20
42	Identification of gene expression signatures in autoimmune disease without the influence of familial resemblance. <i>Human Molecular Genetics</i> , 2006, 15, 501-509.	2.9	19
43	Defective structural RNA processing in relapsing-remitting multiple sclerosis. <i>Genome Biology</i> , 2015, 16, 58.	9.6	19
44	Adenosine-to-Inosine RNA Editing of Alu Double-Stranded (ds)RNAs Is Markedly Decreased in Multiple Sclerosis and Unedited Alu dsRNAs Are Potent Activators of Proinflammatory Transcriptional Responses. <i>Journal of Immunology</i> , 2020, 205, 2606-2617.	0.8	17
45	Cutting Edge: Chronic NF- κ B Activation in CD4+ T Cells in Rheumatoid Arthritis Is Genetically Determined by HLA Risk Alleles. <i>Journal of Immunology</i> , 2015, 195, 791-795.	0.8	13
46	Characterization of novel anti-IL-26 neutralizing monoclonal antibodies for the treatment of inflammatory diseases including psoriasis. <i>MAbs</i> , 2019, 11, 1428-1442.	5.2	13
47	Cutting Edge: Reduced Adenosine-to-Inosine Editing of Endogenous Alu RNAs in Severe COVID-19 Disease. <i>Journal of Immunology</i> , 2021, 206, 1691-1696.	0.8	12
48	A comparison of genomic copy number calls by Partek Genomics Suite, Genotyping Console and Birdsuite algorithms to quantitative PCR. <i>BioData Mining</i> , 2011, 4, 8.	4.0	10
49	Using biomarkers to predict progression from clinically isolated syndrome to multiple sclerosis. <i>Journal of Clinical Bioinformatics</i> , 2013, 3, 18.	1.2	9
50	A simplified method to produce mRNAs and functional proteins from synthetic double-stranded DNA templates. <i>BioTechniques</i> , 2020, 69, 281-288.	1.8	9
51	IL-26 mediates epidermal growth factor receptor-tyrosine kinase inhibitor resistance through endoplasmic reticulum stress signaling pathway in triple-negative breast cancer cells. <i>Cell Death and Disease</i> , 2021, 12, 520.	6.3	9
52	Reduced A-to-I editing of endogenous Alu RNAs in lung after SARS-CoV-2 infection. <i>Current Research in Immunology</i> , 2021, 2, 52-59.	2.8	8
53	Increased Development of Th1, Th17, and Th1.17 Cells Under T1 Polarizing Conditions in Juvenile Idiopathic Arthritis. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	8
54	Transcriptional Reprogramming during T Helper Cell Differentiation. <i>Immunologic Research</i> , 2001, 23, 193-204.	2.9	6

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55	Using gene expression data to identify certain gastro-intestinal diseases. Journal of Clinical Bioinformatics, 2012, 2, 20.	1.2	6
56	Immunoprecipitation of DNA:RNA Hybrids Using the S9.6 Antibody. Methods in Molecular Biology, 2020, 2161, 195-207.	0.9	6
57	Longitudinal changes in the expression of IL-33 and IL-33 regulated genes in relapsing remitting MS. PLoS ONE, 2018, 13, e0208755.	2.5	5
58	Alu RNA Structural Features Modulate Immune Cell Activation and A-to-I Editing of Alu RNAs Is Diminished in Human Inflammatory Bowel Disease. Frontiers in Immunology, 2022, 13, 818023.	4.8	5
59	Juvenile idiopathic arthritis associated with a mutation in GATA3. Arthritis Research and Therapy, 2019, 21, 156.	3.5	4
60	Sharing of Typical- and Super-enhancers Among Hematopoietic Stem Cells and Mature Hematopoietic Cells. SSRN Electronic Journal, 0, , .	0.4	0