

# Arian Laurence

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7632708/arian-laurence-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

130  
papers

18,416  
citations

60  
h-index

135  
g-index

142  
ext. papers

21,239  
ext. citations

13.4  
avg, IF

6.5  
L-index

#	Paper	IF	Citations
130	Autocrine vitamin D signaling switches off pro-inflammatory programs of T1 cells. <i>Nature Immunology</i> , <b>2021</b> ,	19.1	14
129	SARS-CoV-2 drives JAK1/2-dependent local complement hyperactivation. <i>Science Immunology</i> , <b>2021</b> , 6,	28	57
128	Death-associated protein kinase 1 (DAPK1) controls CD8 T cell activation, trafficking, and antitumor activity. <i>FASEB Journal</i> , <b>2021</b> , 35, e21138	0.9	1
127	DAPK1 (death associated protein kinase 1) mediates mTORC1 activation and antiviral activities in CD8 T cells. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 138-149	15.4	2
126	ATP6V0d2 Suppresses Alveoli Macrophage Alternative Polarization and Allergic Asthma via Degradation of PU.1. <i>Allergy, Asthma and Immunology Research</i> , <b>2021</b> , 13, 479-497	5.3	1
125	Functional and structural analysis of cytokine-selective IL6ST defects that cause recessive hyper-IgE syndrome. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 148, 585-598	11.5	5
124	Inborn errors of IL-6 family cytokine responses. <i>Current Opinion in Immunology</i> , <b>2021</b> , 72, 135-145	7.8	2
123	Absence of GP130 cytokine receptor signaling causes extended Stüe-Wiedemann syndrome. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	27
122	A variant in with a selective IL-11 signaling defect in human and mouse. <i>Bone Research</i> , <b>2020</b> , 8, 24	13.3	11
121	IL-23 and IL-2 activation of STAT5 is required for optimal IL-22 production in ILC3s during colitis. <i>Science Immunology</i> , <b>2020</b> , 5,	28	15
120	SARS-CoV2 drives JAK1/2-dependent local and systemic complement hyper-activation <b>2020</b> ,		12
119	An autocrine Vitamin D-driven Th1 shutdown program can be exploited for COVID-19 <b>2020</b> ,		7
118	Effector Mechanisms in Autoimmunity <b>2020</b> , 319-329		
117	Dynamics of genomic and immune responses during primary immunotherapy resistance in mismatch repair-deficient tumors. <i>Journal of Physical Education and Sports Management</i> , <b>2020</b> , 6,	2.8	1
116	Rapid Enhancer Remodeling and Transcription Factor Repurposing Enable High Magnitude Gene Induction upon Acute Activation of NK Cells. <i>Immunity</i> , <b>2020</b> , 53, 745-758.e4	32.3	20
115	T Helper Plasticity Is Orchestrated by STAT3, Bcl6, and Blimp-1 Balancing Pathology and Protection in Malaria. <i>IScience</i> , <b>2020</b> , 23, 101310	6.1	8
114	Dominant-negative mutations in human IL6ST underlie hyper-IgE syndrome. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	36

113	The Role of PTEN in Innate and Adaptive Immunity. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2019</b> , 9,	5.4	11
112	The macrophage-specific V-ATPase subunit ATP6V0D2 restricts inflammasome activation and bacterial infection by facilitating autophagosome-lysosome fusion. <i>Autophagy</i> , <b>2019</b> , 15, 960-975	10.2	47
111	Viral integration drives multifocal HCC during the occult HBV infection. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 261	12.8	17
110	Programmed Cell Death-1 Receptor (PD-1)-Mediated Regulation of Innate Lymphoid Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	13
109	ATP6V0d2 mediates leucine-induced mTORC1 activation and polarization of macrophages. <i>Protein and Cell</i> , <b>2019</b> , 10, 615-619	7.2	1
108	Protein Kinase Antagonists in Therapy of Immunological and Inflammatory Diseases <b>2019</b> , 1185-1196.e1		1
107	TFEB Mediates Immune Evasion and Resistance to mTOR Inhibition of Renal Cell Carcinoma via Induction of PD-L1. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 6827-6838	12.9	30
106	Lactate inhibits ATP6V0d2 expression in tumor-associated macrophages to promote HIF-2 $\beta$ -mediated tumor progression. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 631-646	15.9	54
105	Retinoic Acid Receptor Alpha Represses a Th9 Transcriptional and Epigenomic Program to Reduce Allergic Pathology. <i>Immunity</i> , <b>2019</b> , 50, 106-120.e10	32.3	33
104	STAT-3-independent production of IL-17 by mouse innate-like $\gamma\delta$ T cells controls ocular infection. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 1079-1090	16.6	17
103	PD-1 Inhibitory Receptor Downregulates Asparaginyl Endopeptidase and Maintains Foxp3 Transcription Factor Stability in Induced Regulatory T Cells. <i>Immunity</i> , <b>2018</b> , 49, 247-263.e7	32.3	64
102	Translational and clinical advances in JAK-STAT biology: The present and future of jakinibs. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 104, 499-514	6.5	77
101	TNF overproduction impairs epithelial staphylococcal response in hyper IgE syndrome. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 3595-3604	15.9	19
100	STAT5B: A Differential Regulator of the Life and Death of CD4 Effector Memory T Cells. <i>Journal of Immunology</i> , <b>2018</b> , 200, 110-118	5.3	21
99	Biallelic interferon regulatory factor 8 mutation: A $\alpha$ complex immunodeficiency syndrome with dendritic cell deficiency, monocytopenia, and immune dysregulation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 2234-2248	11.5	46
98	Human retinoic acid-regulated CD161 regulatory T cells support wound repair in intestinal mucosa. <i>Nature Immunology</i> , <b>2018</b> , 19, 1403-1414	19.1	58
97	Effect of Huaier granule on recurrence after curative resection of HCC: a multicentre, randomised clinical trial. <i>Gut</i> , <b>2018</b> , 67, 2006-2016	19.2	77
96	Tbet is a critical modulator of FoxP3 expression in autoimmune graft--host disease. <i>Haematologica</i> , <b>2017</b> , 102, 1446-1456	6.6	4

95	BACH2 immunodeficiency illustrates an association between super-enhancers and haploinsufficiency. <i>Nature Immunology</i> , <b>2017</b> , 18, 813-823	19.1	79
94	Targeting JAK/STAT signalling in inflammatory skin diseases with small molecule inhibitors. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1096-1107	6.1	84
93	Mechanisms and consequences of Jak-STAT signaling in the immune system. <i>Nature Immunology</i> , <b>2017</b> , 18, 374-384	19.1	511
92	Subset- and tissue-defined STAT5 thresholds control homeostasis and function of innate lymphoid cells. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 2999-3014	16.6	53
91	An autoregulatory enhancer controls mammary-specific STAT5 functions. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 1052-63	20.1	31
90	When half a glass of STAT3 is just not enough. <i>Blood</i> , <b>2016</b> , 128, 3020-3021	2.2	1
89	IL-10 induces a STAT3-dependent autoregulatory loop in T2 cells that promotes Blimp-1 restriction of cell expansion via antagonism of STAT5 target genes. <i>Science Immunology</i> , <b>2016</b> , 1,	28	19
88	Loss of 11βSD1 enhances glycolysis, facilitates intrahepatic metastasis, and indicates poor prognosis in hepatocellular carcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 2038-53	3.3	8
87	Signal transducer and activator of transcription 5 (STAT5) paralog dose governs T cell effector and regulatory functions. <i>ELife</i> , <b>2016</b> , 5,	8.9	53
86	The JAK-STAT pathway: impact on human disease and therapeutic intervention. <i>Annual Review of Medicine</i> , <b>2015</b> , 66, 311-28	17.4	713
85	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. <i>Immunity</i> , <b>2015</b> , 42, 877-89	32.3	87
84	Mechanisms of Jak/STAT signaling in immunity and disease. <i>Journal of Immunology</i> , <b>2015</b> , 194, 21-7	5.3	301
83	EZH2 is crucial for both differentiation of regulatory T cells and T effector cell expansion. <i>Scientific Reports</i> , <b>2015</b> , 5, 10643	4.9	89
82	Global analysis of DNA methylation in hepatocellular carcinoma by a liquid hybridization capture-based bisulfite sequencing approach. <i>Clinical Epigenetics</i> , <b>2015</b> , 7, 86	7.7	27
81	Celastrol, a Chinese herbal compound, controls autoimmune inflammation by altering the balance of pathogenic and regulatory T cells in the target organ. <i>Clinical Immunology</i> , <b>2015</b> , 157, 228-38	9	79
80	IL-1 watches the watchmen. <i>Nature Immunology</i> , <b>2015</b> , 16, 226-7	19.1	4
79	Bone marrow-derived mesenchymal stromal cells harness purinergic signaling to tolerize human Th1 cells in vivo. <i>Stem Cells</i> , <b>2015</b> , 33, 1200-12	5.8	85
78	Effector Mechanisms in Autoimmunity <b>2014</b> , 311-318		1

77	Helper T cell plasticity: impact of extrinsic and intrinsic signals on transcriptomes and epigenomes. <i>Current Topics in Microbiology and Immunology</i> , <b>2014</b> , 381, 279-326	3.3	36
76	Transcriptional and epigenetic networks of helper T and innate lymphoid cells. <i>Immunological Reviews</i> , <b>2014</b> , 261, 23-49	11.3	65
75	A mouse model of HIES reveals pro- and anti-inflammatory functions of STAT3. <i>Blood</i> , <b>2014</b> , 123, 2978-87.	2.2	56
74	Reduced expression of transcriptional intermediary factor 1 gamma promotes metastasis and indicates poor prognosis of hepatocellular carcinoma. <i>Hepatology</i> , <b>2014</b> , 60, 1620-36	11.2	67
73	A degrading view of regulatory T cells. <i>Immunity</i> , <b>2013</b> , 39, 201-3	32.3	8
72	Back to the future: oral targeted therapy for RA and other autoimmune diseases. <i>Nature Reviews Rheumatology</i> , <b>2013</b> , 9, 173-82	8.1	81
71	Helper T-cell identity and evolution of differential transcriptomes and epigenomes. <i>Immunological Reviews</i> , <b>2013</b> , 252, 24-40	11.3	76
70	Mechanisms underlying helper T-cell plasticity: implications for immune-mediated disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 131, 1276-87	11.5	121
69	Janus kinase inhibitors in autoimmune diseases. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72 Suppl 2, ii111-5.	1.4	255
68	T cell activation induces proteasomal degradation of Argonaute and rapid remodeling of the microRNA repertoire. <i>Journal of Experimental Medicine</i> , <b>2013</b> , 210, 417-32	16.6	143
67	Tissue inhibitor of metalloproteinase 1 is preferentially expressed in Th1 and Th17 T-helper cell subsets and is a direct STAT target gene. <i>PLoS ONE</i> , <b>2013</b> , 8, e59367	3.7	12
66	Protein kinase antagonists as therapeutic agents for immunological and inflammatory disorders <b>2013</b> , 1085-1094		
65	Distinct requirements for T-bet in gut innate lymphoid cells. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 2331-8	16.6	140
64	STAT3 transcription factor promotes instability of nTreg cells and limits generation of iTreg cells during acute murine graft-versus-host disease. <i>Immunity</i> , <b>2012</b> , 37, 209-22	32.3	140
63	Interleukin-27 priming of T cells controls IL-17 production in trans via induction of the ligand PD-L1. <i>Immunity</i> , <b>2012</b> , 36, 1017-30	32.3	195
62	Jakinibs: a new class of kinase inhibitors in cancer and autoimmune disease. <i>Current Opinion in Pharmacology</i> , <b>2012</b> , 12, 464-70	5.1	158
61	Function of JAKs and STATs in Lymphocytes: Bench to Bedside <b>2012</b> , 205-237		
60	Kinase inhibitors in the treatment of immune-mediated disease. <i>F1000 Medicine Reports</i> , <b>2012</b> , 4, 5		48

59	JAK Kinases in Health and Disease: An Update. <i>Open Rheumatology Journal</i> , <b>2012</b> , 6, 232-44	0.2	69
58	IL-13-producing Th1 and Th17 cells characterize adaptive responses to both self and foreign antigens. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 2322-8	6.1	30
57	Therapeutic inhibition of the Janus kinases. <i>Inflammation and Regeneration</i> , <b>2012</b> , 32, 016-022	10.9	3
56	Signal Transduction and TH17 Cell Differentiation <b>2011</b> , 157-182		
55	Mast cell interleukin-2 production contributes to suppression of chronic allergic dermatitis. <i>Immunity</i> , <b>2011</b> , 35, 562-71	32.3	76
54	Th17 cells are long lived and retain a stem cell-like molecular signature. <i>Immunity</i> , <b>2011</b> , 35, 972-85	32.3	316
53	T helper 17 cell heterogeneity and pathogenicity in autoimmune disease. <i>Trends in Immunology</i> , <b>2011</b> , 32, 395-401	14.4	162
52	Helper T-cell differentiation and plasticity: insights from epigenetics. <i>Immunology</i> , <b>2011</b> , 134, 235-45	7.8	77
51	Opposing regulation of the locus encoding IL-17 through direct, reciprocal actions of STAT3 and STAT5. <i>Nature Immunology</i> , <b>2011</b> , 12, 247-54	19.1	451
50	Genomic views of STAT function in CD4+ T helper cell differentiation. <i>Nature Reviews Immunology</i> , <b>2011</b> , 11, 239-50	36.5	213
49	IL-2 controls the stability of Foxp3 expression in TGF-beta-induced Foxp3+ T cells in vivo. <i>Journal of Immunology</i> , <b>2011</b> , 186, 6329-37	5.3	187
48	Antigen-stimulated CD4 T-cell expansion is inversely and log-linearly related to precursor number. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 3312-7	11.5	28
47	Generation of pathogenic T(H)17 cells in the absence of TGF-beta signalling. <i>Nature</i> , <b>2010</b> , 467, 967-71	50.4	1021
46	STAT1-activating cytokines limit Th17 responses through both T-bet-dependent and -independent mechanisms. <i>Journal of Immunology</i> , <b>2010</b> , 185, 6461-71	5.3	92
45	Signal transduction pathways and transcriptional regulation in Th17 cell differentiation. <i>Cytokine and Growth Factor Reviews</i> , <b>2010</b> , 21, 425-34	17.9	167
44	Regulation of microRNA expression and abundance during lymphopoiesis. <i>Immunity</i> , <b>2010</b> , 32, 828-39	32.3	263
43	Diverse targets of the transcription factor STAT3 contribute to T cell pathogenicity and homeostasis. <i>Immunity</i> , <b>2010</b> , 32, 605-15	32.3	491
42	The Current STATUS of lymphocyte signaling: new roles for old players. <i>Current Opinion in Immunology</i> , <b>2009</b> , 21, 161-6	7.8	90

41	The interleukin 23 receptor is essential for the terminal differentiation of interleukin 17-producing effector T helper cells in vivo. <i>Nature Immunology</i> , <b>2009</b> , 10, 314-24	19.1	773
40	Selectivity and therapeutic inhibition of kinases: to be or not to be?. <i>Nature Immunology</i> , <b>2009</b> , 10, 356-60	9.1	182
39	Janus kinases in immune cell signaling. <i>Immunological Reviews</i> , <b>2009</b> , 228, 273-87	11.3	780
38	Signal transduction and Th17 cell differentiation. <i>Microbes and Infection</i> , <b>2009</b> , 11, 599-611	9.3	47
37	An autoinflammatory disease with deficiency of the interleukin-1-receptor antagonist. <i>New England Journal of Medicine</i> , <b>2009</b> , 360, 2426-37	59.2	726
36	Impaired T(H)17 cell differentiation in subjects with autosomal dominant hyper-IgE syndrome. <i>Nature</i> , <b>2008</b> , 452, 773-6	50.4	926
35	New insights into the roles of Stat5a/b and Stat3 in T cell development and differentiation. <i>Seminars in Cell and Developmental Biology</i> , <b>2008</b> , 19, 394-400	7.5	85
34	Retinoic acid inhibits Th17 polarization and enhances FoxP3 expression through a Stat-3/Stat-5 independent signaling pathway. <i>Blood</i> , <b>2008</b> , 111, 1013-20	2.2	346
33	IL-27R deficiency delays the onset of colitis and protects from helminth-induced pathology in a model of chronic IBD. <i>International Immunology</i> , <b>2008</b> , 20, 739-52	4.9	38
32	Altered balance between Th17 and Th1 cells at mucosal sites predicts AIDS progression in simian immunodeficiency virus-infected macaques. <i>Mucosal Immunology</i> , <b>2008</b> , 1, 279-88	9.2	194
31	Transforming growth factor beta subverts the immune system into directly promoting tumor growth through interleukin-17. <i>Cancer Research</i> , <b>2008</b> , 68, 3915-23	10.1	203
30	Protein kinase antagonists as therapeutic agents for immunological and inflammatory disorders <b>2008</b> , 1341-1351		
29	Therapeutic targeting of Janus kinases. <i>Immunological Reviews</i> , <b>2008</b> , 223, 132-42	11.3	190
28	Preferential Loss of Th17 T-cells at Mucosal Sites Predicts AIDS Progression in Simian Immunodeficiency Virus-Infected Macaques. <i>FASEB Journal</i> , <b>2008</b> , 22, 852.7	0.9	3
27	Distinct regulation of interleukin-17 in human T helper lymphocytes. <i>Arthritis and Rheumatism</i> , <b>2007</b> , 56, 2936-46		285
26	Interleukins 27 and 6 induce STAT3-mediated T cell production of interleukin 10. <i>Nature Immunology</i> , <b>2007</b> , 8, 1363-71	19.1	639
25	4-pyridone-3-carboxamide ribonucleoside triphosphate accumulating in erythrocytes in end stage renal failure originates from tryptophan metabolism. <i>Clinical and Experimental Medicine</i> , <b>2007</b> , 7, 135-41	4.9	12
24	Helper T cell IL-2 production is limited by negative feedback and STAT-dependent cytokine signals. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 65-71	16.6	101

23	IL-21 is produced by Th17 cells and drives IL-17 production in a STAT3-dependent manner. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 34605-10	5.4	482
22	Nonredundant roles for Stat5a/b in directly regulating Foxp3. <i>Blood</i> , <b>2007</b> , 109, 4368-75	2.2	436
21	Signal transduction pathways and transcriptional regulation in the control of Th17 differentiation. <i>Seminars in Immunology</i> , <b>2007</b> , 19, 400-8	10.7	204
20	Interleukin-2 signaling via STAT5 constrains T helper 17 cell generation. <i>Immunity</i> , <b>2007</b> , 26, 371-81	32.3	1138
19	Helper T cell differentiation enters a new era: le roi est mort; vive le roi!. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 809-12	16.6	55
18	Role of IL-17 and regulatory T lymphocytes in a systemic autoimmune disease. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 2785-91	16.6	194
17	Selective regulatory function of Socs3 in the formation of IL-17-secreting T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 8137-42	11.5	522
16	IL-27 limits IL-2 production during Th1 differentiation. <i>Journal of Immunology</i> , <b>2006</b> , 176, 237-47	5.3	182
15	Location, movement and survival: the role of chemokines in haematopoiesis and malignancy. <i>British Journal of Haematology</i> , <b>2006</b> , 132, 255-67	4.5	34
14	Interleukin 27 negatively regulates the development of interleukin 17-producing T helper cells during chronic inflammation of the central nervous system. <i>Nature Immunology</i> , <b>2006</b> , 7, 937-45	19.1	774
13	Cerebral and pulmonary nocardia in a bone marrow transplant patient. <i>British Journal of Haematology</i> , <b>2005</b> , 129, 711	4.5	5
12	Positive and negative regulation of the IL-27 receptor during lymphoid cell activation. <i>Journal of Immunology</i> , <b>2005</b> , 174, 7684-91	5.3	139
11	Identification of pro-interleukin 16 as a novel target of MAP kinases in activated T lymphocytes. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 587-97	6.1	18
10	Elevated erythrocyte CDP-choline levels associated with beta-thalassaemia in patients with transfusion independent anaemia. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2004</b> , 23, 1265-7	1.4	1
9	An unusual pyridine nucleotide accumulating in erythrocytes: its identity and positive correlation with degree of renal failure. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2004</b> , 23, 1135-9	1.4	9
8	Biology of recently discovered cytokines: discerning the pro- and anti-inflammatory properties of interleukin-27. <i>Arthritis Research</i> , <b>2004</b> , 6, 225-33		48
7	Origin and characteristics of an unusual pyridine nucleotide accumulating in erythrocytes: positive correlation with degree of renal failure. <i>Clinica Chimica Acta</i> , <b>2003</b> , 335, 117-29	6.2	25
6	Approaches to define antigen receptor-induced serine kinase signal transduction pathways. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 9267-75	5.4	29



5	The T cell antigen receptor activates phosphatidylinositol 3-kinase-regulated serine kinases protein kinase B and ribosomal S6 kinase 1. <i>FEBS Letters</i> , <b>2000</b> , 486, 38-42	3.8	31
4	Biochemical basis for the impaired immune response in chronic renal failure?. <i>Advances in Experimental Medicine and Biology</i> , <b>1998</b> , 431, 559-63	3.6	6
3	Evaluation of adenine concentration in plasma of patients with renal failure using improved ultrafiltration technique. <i>Advances in Experimental Medicine and Biology</i> , <b>1998</b> , 431, 785-7	3.6	1
2	Erythrocyte CDP-choline accumulation in haemolytic anaemia and renal failure (RF). <i>Advances in Experimental Medicine and Biology</i> , <b>1998</b> , 431, 155-9	3.6	3
1	Disorders of Granulopoiesis and Granulocyte Function303-339		