

# Talal A Chatila

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1167690/publications.pdf>

Version: 2024-02-01

214  
papers

21,872  
citations

10956

71  
h-index

9839

141  
g-index

249  
all docs

249  
docs citations

249  
times ranked

22130  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Toll-Like Receptor 2 Pathway Establishes Colonization by a Commensal of the Human Microbiota. <i>Science</i> , 2011, 332, 974-977.	6.0	1,354
2	Human Inborn Errors of Immunity: 2019 Update on the Classification from the International Union of Immunological Societies Expert Committee. <i>Journal of Clinical Immunology</i> , 2020, 40, 24-64.	2.0	881
3	JM2, encoding a fork head-related protein, is mutated in X-linked autoimmunity-allergic dysregulation syndrome. <i>Journal of Clinical Investigation</i> , 2000, 106, R75-R81.	3.9	792
4	The Association of Atopy with a Gain-of-Function Mutation in the $\beta$ Subunit of the Interleukin-4 Receptor. <i>New England Journal of Medicine</i> , 1997, 337, 1720-1725.	13.9	737
5	International Union of Immunological Societies: 2017 Primary Immunodeficiency Diseases Committee Report on Inborn Errors of Immunity. <i>Journal of Clinical Immunology</i> , 2018, 38, 96-128.	2.0	732
6	Primary Immunodeficiency Diseases: an Update on the Classification from the International Union of Immunological Societies Expert Committee for Primary Immunodeficiency 2015. <i>Journal of Clinical Immunology</i> , 2015, 35, 696-726.	2.0	621
7	Human Inborn Errors of Immunity: 2019 Update of the IUIS Phenotypic Classification. <i>Journal of Clinical Immunology</i> , 2020, 40, 66-81.	2.0	525
8	The 2017 IUIS Phenotypic Classification for Primary Immunodeficiencies. <i>Journal of Clinical Immunology</i> , 2018, 38, 129-143.	2.0	488
9	Primary Immunodeficiency Diseases: An Update on the Classification from the International Union of Immunological Societies Expert Committee for Primary Immunodeficiency. <i>Frontiers in Immunology</i> , 2014, 5, 162.	2.2	466
10	Large deletions and point mutations involving the dedicator of cytokinesis 8 (DOCK8) in the autosomal-recessive form of hyper-IgE syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 1289-1302.e4.	1.5	453
11	Regulatory T cell development in the absence of functional Foxp3. <i>Nature Immunology</i> , 2007, 8, 359-368.	7.0	427
12	CD25 deficiency causes an immune dysregulation, polyendocrinopathy, enteropathy, X-linked-like syndrome, and defective IL-10 expression from CD4 lymphocytes. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 482-487.	1.5	392
13	A Requisite Role for Induced Regulatory T Cells in Tolerance Based on Expanding Antigen Receptor Diversity. <i>Immunity</i> , 2011, 35, 109-122.	6.6	389
14	A microbiota signature associated with experimental food allergy promotes allergic sensitization and anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 201-212.	1.5	381
15	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4-insufficient subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1932-1946.	1.5	344
16	Regulation of osteoclast differentiation and function by the CaMK-CREB pathway. <i>Nature Medicine</i> , 2006, 12, 1410-1416.	15.2	302
17	DOCK8 Deficiency: Clinical and Immunological Phenotype and Treatment Options - a Review of 136 Patients. <i>Journal of Clinical Immunology</i> , 2015, 35, 189-198.	2.0	284
18	Regulatory T Cell Reprogramming toward a Th2-Cell-like Lineage Impairs Oral Tolerance and Promotes Food Allergy. <i>Immunity</i> , 2015, 42, 512-523.	6.6	283

#	ARTICLE	IF	CITATIONS
19	Mutations in the tyrosine phosphatase CD45 gene in a child with severe combined immunodeficiency disease. <i>Nature Medicine</i> , 2000, 6, 343-345.	15.2	276
20	Regulatory T cells in allergic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 639-652.	1.5	272
21	Microbiota therapy acts via a regulatory T cell MyD88/ROR $\gamma$ pathway to suppress food allergy. <i>Nature Medicine</i> , 2019, 25, 1164-1174.	15.2	259
22	Mechanisms of Dupilumab. <i>Clinical and Experimental Allergy</i> , 2020, 50, 5-14.	1.4	238
23	Impaired Synaptic Plasticity and cAMP Response Element-Binding Protein Activation in Ca <sup>2+</sup> /Calmodulin-Dependent Protein Kinase Type IV/Gr-Deficient Mice. <i>Journal of Neuroscience</i> , 2000, 20, 6459-6472.	1.7	234
24	Role of regulatory T cells in human diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 949-959.	1.5	233
25	Regulatory T-cell deficiency and immune dysregulation, polyendocrinopathy, enteropathy, X-linked-like disorder caused by loss-of-function mutations in LRBA. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 217-227.e9.	1.5	223
26	Constitutive and stimulus-induced phosphorylation of CD11/CD18 leukocyte adhesion molecules.. <i>Journal of Cell Biology</i> , 1989, 109, 3435-3444.	2.3	216
27	Regulatory T Cells Dynamically Control the Primary Immune Response to Foreign Antigen. <i>Journal of Immunology</i> , 2007, 178, 2961-2972.	0.4	215
28	Allergic dysregulation and hyperimmunoglobulinemia E in Foxp3 mutant mice. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 1106-1115.	1.5	210
29	Calcium-calmodulin-dependent protein kinase IV is required for fear memory. <i>Nature Neuroscience</i> , 2002, 5, 573-579.	7.1	208
30	A Central Role for Induced Regulatory T Cells in Tolerance Induction in Experimental Colitis. <i>Journal of Immunology</i> , 2009, 182, 3461-3468.	0.4	207
31	DOCK8 functions as an adaptor that links TLR-MyD88 signaling to B cell activation. <i>Nature Immunology</i> , 2012, 13, 612-620.	7.0	205
32	Integration of calcineurin and MEF2 signals by the coactivator p300 during T-cell apoptosis. <i>EMBO Journal</i> , 2000, 19, 4323-4331.	3.5	200
33	The 2015 IUIS Phenotypic Classification for Primary Immunodeficiencies. <i>Journal of Clinical Immunology</i> , 2015, 35, 727-738.	2.0	199
34	IL-4 production by group 2 innate lymphoid cells promotes food allergy by blocking regulatory T-cell function. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 801-811.e9.	1.5	185
35	Interleukin-4 receptor signaling pathways in asthma pathogenesis. <i>Trends in Molecular Medicine</i> , 2004, 10, 493-499.	3.5	181
36	Ca <sup>2+</sup> -dependent Gene Expression Mediated by MEF2 Transcription Factors. <i>Journal of Biological Chemistry</i> , 2000, 275, 197-209.	1.6	180

#	ARTICLE	IF	CITATIONS
37	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. <i>New England Journal of Medicine</i> , 2015, 372, 2409-2422.	13.9	169
38	The extended clinical phenotype of 64 patients with dedicator of cytokinesis 8 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 402-412.	1.5	163
39	Immune dysregulation, polyendocrinopathy, enteropathy, X-linked (IPEX) and IPEX-related disorders. <i>Current Opinion in Pediatrics</i> , 2013, 25, 708-714.	1.0	147
40	Ruxolitinib reverses dysregulated T helper cell responses and controls autoimmunity caused by a novel signal transducer and activator of transcription 1 (STAT1) gain-of-function mutation. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1629-1640.e2.	1.5	147
41	Oral immunotherapy induces IgG antibodies that act through Fc $\gamma$ RIIb to suppress IgE-mediated hypersensitivity. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1310-1317.e6.	1.5	146
42	Regulatory T Cells: the Many Faces of Foxp3. <i>Journal of Clinical Immunology</i> , 2019, 39, 623-640.	2.0	145
43	An asthma-associated IL4R variant exacerbates airway inflammation by promoting conversion of regulatory T cells to TH17-like cells. <i>Nature Medicine</i> , 2016, 22, 1013-1022.	15.2	138
44	DOCK8 deficiency: Insights into pathophysiology, clinical features and management. <i>Clinical Immunology</i> , 2017, 181, 75-82.	1.4	134
45	MyD88 Adaptor-Dependent Microbial Sensing by Regulatory T Cells Promotes Mucosal Tolerance and Enforces Commensalism. <i>Immunity</i> , 2015, 43, 289-303.	6.6	133
46	A recessive form of hyper-IgE syndrome by disruption of ZNF341-dependent STAT3 transcription and activity. <i>Science Immunology</i> , 2018, 3, .	5.6	132
47	Selective Engagement of Plasticity Mechanisms for Motor Memory Storage. <i>Neuron</i> , 2006, 51, 823-834.	3.8	130
48	Regulation of Microtubule Dynamics by Ca <sup>2+</sup> /Calmodulin-Dependent Kinase IV/Gr-Dependent Phosphorylation of Oncoprotein 18. <i>Molecular and Cellular Biology</i> , 1997, 17, 3459-3467.	1.1	129
49	FOXP3 is a homo-oligomer and a component of a supramolecular regulatory complex disabled in the human XLAAD/IPEX autoimmune disease. <i>International Immunology</i> , 2007, 19, 825-835.	1.8	124
50	IgE-mediated systemic anaphylaxis and impaired tolerance to food antigens in mice with enhanced IL-4 receptor signaling. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 795-805.e6.	1.5	123
51	Immunoglobulin E Signal Inhibition during Allergen Ingestion Leads to Reversal of Established Food Allergy and Induction of Regulatory T Cells. <i>Immunity</i> , 2014, 41, 141-151.	6.6	123
52	Abatacept as a Long-Term Targeted Therapy for LRBA Deficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2790-2800.e15.	2.0	112
53	Direct effects of IL-4 on mast cells drive their intestinal expansion and increase susceptibility to anaphylaxis in a murine model of food allergy. <i>Mucosal Immunology</i> , 2013, 6, 740-750.	2.7	111
54	Functional reprogramming of regulatory T cells in the absence of Foxp3. <i>Nature Immunology</i> , 2019, 20, 1208-1219.	7.0	106

#	ARTICLE	IF	CITATIONS
55	Control of peripheral tolerance by regulatory T cellâ€œintrinsic Notch signaling. <i>Nature Immunology</i> , 2015, 16, 1162-1173.	7.0	104
56	A Unique Phosphorylation-dependent Mechanism for the Activation of Ca <sup>2+</sup> /Calmodulin-dependent Protein Kinase Type IV/GR. <i>Journal of Biological Chemistry</i> , 1996, 271, 21542-21548.	1.6	98
57	Untargeted metabolomic profiling identifies disease-specific signatures in food allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 897-906.	1.5	98
58	Food allergy: Insights into etiology, prevention, and treatment provided by murine models. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 309-317.	1.5	96
59	Defects along the TH17 differentiation pathway underlie genetically distinct forms of the hyper IgE syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 342-348.e5.	1.5	94
60	Exaggerated follicular helper T-cell responses in patients with LRBA deficiency caused by failure of CTLA4-mediated regulation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1050-1059.e10.	1.5	93
61	Clinical, immunologic, and genetic spectrum of 696 patients with combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1450-1458.	1.5	90
62	An Immunodeficiency Characterized by Defective Signal Transduction in T Lymphocytes. <i>New England Journal of Medicine</i> , 1989, 320, 696-702.	13.9	85
63	Control of Cortical Axon Elongation by a GABA-Driven Ca <sup>2+</sup> /Calmodulin-Dependent Protein Kinase Cascade. <i>Journal of Neuroscience</i> , 2009, 29, 13720-13729.	1.7	85
64	Severe Early-Onset Combined Immunodeficiency due to Heterozygous Gain-of-Function Mutations in STAT1. <i>Journal of Clinical Immunology</i> , 2016, 36, 641-648.	2.0	81
65	GITR engagement preferentially enhances proliferation of functionally competent CD4 <sup>+</sup> CD25 <sup>+</sup> FoxP3 <sup>+</sup> regulatory T cells. <i>International Immunology</i> , 2010, 22, 259-270.	1.8	80
66	Dedicator of cytokinesis 8â€œdeficient patients have a breakdown in peripheral B-cell tolerance and defective regulatory T cells. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1365-1374.	1.5	79
67	The role of the gut microbiota in food allergy. <i>Current Opinion in Pediatrics</i> , 2016, 28, 748-753.	1.0	79
68	Regulatory T Cell-Derived TGF- $\beta$ 1 Controls Multiple Checkpoints Governing Allergy and Autoimmunity. <i>Immunity</i> , 2020, 53, 1202-1214.e6.	6.6	77
69	Expression of a Ca <sup>2+</sup> /calmodulin-dependent protein kinase, CaM kinase-Gr, in human T lymphocytes. Regulation of kinase activity by T cell receptor signaling. <i>Journal of Biological Chemistry</i> , 1993, 268, 20055-63.	1.6	75
70	Vehicular exhaust particles promote allergic airway inflammation through an aryl hydrocarbon receptorâ€œnotch signaling cascade. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 441-453.	1.5	74
71	Phosphorylation of T cell membrane proteins by activators of protein kinase C. <i>Journal of Immunology</i> , 1988, 140, 4308-14.	0.4	73
72	IL-10 Produced by Induced Regulatory T Cells (iTregs) Controls Colitis and Pathogenic Ex-iTregs during Immunotherapy. <i>Journal of Immunology</i> , 2012, 189, 5638-5648.	0.4	72

#	ARTICLE	IF	CITATIONS
73	Notch4 signaling limits regulatory T-cell-mediated tissue repair and promotes severe lung inflammation in viral infections. <i>Immunity</i> , 2021, 54, 1186-1199.e7.	6.6	71
74	Pathogenicity of a disease-associated human IL-4 receptor allele in experimental asthma. <i>Journal of Experimental Medicine</i> , 2009, 206, 2191-2204.	4.2	70
75	Dedicator of cytokinesis 8 regulates signal transducer and activator of transcription 3 activation and promotes TH17 cell differentiation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1384-1394.e2.	1.5	70
76	A regulatory T cell Notch4-GDF15 axis licenses tissue inflammation in asthma. <i>Nature Immunology</i> , 2020, 21, 1359-1370.	7.0	70
77	Role of protein tyrosine phosphorylation in monokine induction by the staphylococcal superantigen toxic shock syndrome toxin-1. <i>Journal of Immunology</i> , 1992, 148, 2237-41.	0.4	70
78	Calcium-calmodulin-dependent protein kinase IV is required for fear memory. <i>Nature Neuroscience</i> , 2002, 5, 573-579.	7.1	69
79	Idiopathic systemic capillary leak syndrome: Novel therapy for acute attacks. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 1111-1113.	1.5	68
80	Primary Immune Deficiency Treatment Consortium (PIDTC) report. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 335-347.e11.	1.5	65
81	Dominant-negative mutations in human IL6ST underlie hyper-IgE syndrome. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	64
82	T Regulatory Cell Biology in Health and Disease. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 27.	2.4	63
83	Serine 16 of Oncoprotein 18 is a Major Cytosolic Target for the Ca <sup>2+</sup> /Calmodulin-Dependent Kinase-Gr. <i>FEBS Journal</i> , 1994, 225, 53-60.	0.2	62
84	Flow cytometry diagnosis of dedicator of cytokinesis 8 (DOCK8) deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 221-223.e7.	1.5	62
85	Successful engraftment of donor marrow after allogeneic hematopoietic cell transplantation in autosomal-recessive hyper-IgE syndrome caused by dedicator of cytokinesis 8 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 1304-1305.e3.	1.5	61
86	Oral immunotherapy with omalizumab reverses the Th2 cell-like programme of regulatory T cells and restores their function. <i>Clinical and Experimental Allergy</i> , 2018, 48, 825-836.	1.4	61
87	Response to steroid therapy in autism secondary to autoimmune lymphoproliferative syndrome. <i>Journal of Pediatrics</i> , 2000, 136, 682-687.	0.9	60
88	In vivo regulation of the allergic response by the IL-4 receptor $\beta$ chain immunoreceptor tyrosine-based inhibitory motif. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1128-1136.e8.	1.5	60
89	Clinical, immunologic and genetic profiles of DOCK8-deficient patients in Kuwait. <i>Clinical Immunology</i> , 2012, 143, 266-272.	1.4	60
90	The Transcription Factor Foxp3 Shapes Regulatory T Cell Identity by Tuning the Activity of trans-Acting Intermediaries. <i>Immunity</i> , 2020, 53, 971-984.e5.	6.6	60

#	ARTICLE	IF	CITATIONS
91	Signal Transduction by Microbial Superantigens via MHC class II Molecules. <i>Immunological Reviews</i> , 1993, 131, 43-59.	2.8	59
92	EROS/CYBC1 mutations: Decreased NADPH oxidase function and chronic granulomatous disease. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 782-785.e1.	1.5	59
93	Engagement of MHC class II molecules by staphylococcal superantigens activates src-type protein tyrosine kinases. <i>European Journal of Immunology</i> , 1994, 24, 651-658.	1.6	58
94	Deficient T Cell Receptor Excision Circles (TRECs) in autosomal recessive hyper IgE syndrome caused by DOCK8 mutation: Implications for pathogenesis and potential detection by newborn screening. <i>Clinical Immunology</i> , 2011, 141, 128-132.	1.4	57
95	Induction of interleukin-6 after stimulation of human B-cell CD21 by Epstein-Barr virus glycoproteins gp350 and gp220. <i>Journal of Virology</i> , 1996, 70, 570-575.	1.5	57
96	RESPONSE OF REFRACTORY KAWASAKI DISEASE TO PULSE STEROID AND CYCLOSPORIN A THERAPY. <i>Pediatric Infectious Disease Journal</i> , 2001, 20, 635-637.	1.1	56
97	CD4+CD25hiFoxp3+ Cells Exacerbate Bleomycin-Induced Pulmonary Fibrosis. <i>American Journal of Pathology</i> , 2016, 186, 2008-2020.	1.9	54
98	Nighttime aqueous-phase secondary organic aerosols in Los Angeles and its implication for fine particulate matter composition and oxidative potential. <i>Atmospheric Environment</i> , 2016, 133, 112-122.	1.9	53
99	MyD88 is critically involved in immune tolerance breakdown at environmental interfaces of Foxp3-deficient mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 1933-1947.	3.9	50
100	Dietary and Microbial Determinants in Food Allergy. <i>Immunity</i> , 2020, 53, 277-289.	6.6	49
101	T-cell effector pathways in allergic diseases: Transcriptional mechanisms and therapeutic targets. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 812-823.	1.5	48
102	Hematopoietic stem cell transplantation outcomes for 11 patients with dedicator of cytokinesis 8 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 852-859.e3.	1.5	48
103	Requirement for mitogen, T cell-accessory cell contact, and interleukin 1 in the induction of resting T-cell proliferation. <i>Clinical Immunology and Immunopathology</i> , 1987, 44, 235-247.	2.1	47
104	Plasmacytoid dendritic cell depletion in DOCK8 deficiency: Rescue of severe herpetic infections with IFN- $\gamma$ 2b therapy. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1753-1755.e3.	1.5	46
105	A Ca <sup>2+</sup> /calmodulin-dependent protein kinase, CaM kinase- $\gamma$ , expressed after transformation of primary human B lymphocytes by Epstein-Barr virus (EBV) is induced by the EBV oncogene LMP1. <i>Journal of Virology</i> , 1994, 68, 1697-1705.	1.5	46
106	Targeted Inactivation of the IL-4 Receptor $\alpha$ Chain I4R Motif Promotes Allergic Airway Inflammation. <i>Journal of Experimental Medicine</i> , 2003, 198, 1189-1200.	4.2	45
107	Staphylococcal superantigens as inducers of signal transduction in MHC class II-positive cells. <i>Seminars in Immunology</i> , 1993, 5, 47-55.	2.7	44
108	A Jagged 1-Notch 4 molecular switch mediates airway inflammation induced by ultrafine particles. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1243-1256.e17.	1.5	44

#	ARTICLE	IF	CITATIONS
109	Regulation of oral immune tolerance by the microbiome in food allergy. <i>Current Opinion in Immunology</i> , 2019, 60, 141-147.	2.4	44
110	Immunoglobulin Replacement Therapy in Children. <i>Immunology and Allergy Clinics of North America</i> , 2008, 28, 833-849.	0.7	43
111	Th17 reprogramming of T cells in systemic juvenile idiopathic arthritis. <i>JCI Insight</i> , 2020, 5, .	2.3	43
112	Long-Term Memory Deficits in Pavlovian Fear Conditioning in Ca <sup>2+</sup> /Calmodulin Kinase Kinase $\delta$ -Deficient Mice. <i>Molecular and Cellular Biology</i> , 2006, 26, 9105-9115.	1.1	41
113	Natural Killer Cells from Patients with Recombinase-Activating Gene and Non-Homologous End Joining Gene Defects Comprise a Higher Frequency of CD56 <sup>bright</sup> NKG2A <sup>+++</sup> Cells, and Yet Display Increased Degranulation and Higher Perforin Content. <i>Frontiers in Immunology</i> , 2017, 8, 798.	2.2	41
114	Molecular basis of a multiple lymphokine deficiency in a patient with severe combined immunodeficiency.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 4728-4732.	3.3	40
115	WASP-mediated regulation of anti-inflammatory macrophages is IL-10 dependent and is critical for intestinal homeostasis. <i>Nature Communications</i> , 2018, 9, 1779.	5.8	40
116	Alternatively Activated Macrophages Boost Induced Regulatory T and Th17 Cell Responses during Immunotherapy for Colitis. <i>Journal of Immunology</i> , 2016, 196, 3305-3317.	0.4	39
117	DOCK8 Deficiency Presenting as an IPEX-Like Disorder. <i>Journal of Clinical Immunology</i> , 2017, 37, 811-819.	2.0	39
118	Flow cytometry biomarkers distinguish DOCK8 deficiency from severe atopic dermatitis. <i>Clinical Immunology</i> , 2014, 150, 220-224.	1.4	38
119	The microbial origins of food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 808-813.	1.5	38
120	The T cell receptor associated CD3- $\zeta$ protein is phosphorylated upon T cell activation in the two tyrosine residues of a conserved signal transduction motif. <i>European Journal of Immunology</i> , 1993, 23, 1636-1642.	1.6	37
121	Current concepts in chronic inflammatory diseases: Interactions between microbes, cellular metabolism, and inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 47-56.	1.5	35
122	Single-cell analysis of FOXP3 deficiencies in humans and mice unmasks intrinsic and extrinsic CD4 <sup>+</sup> T cell perturbations. <i>Nature Immunology</i> , 2021, 22, 607-619.	7.0	35
123	Treatment of severe persistent asthma with IL-6 receptor blockade. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1639-1642.e4.	2.0	34
124	Requirements for activation of human peripheral blood T cells by mouse monoclonal antibodies to CD3. <i>Clinical Immunology and Immunopathology</i> , 1987, 43, 48-64.	2.1	33
125	Calcium-dependent activation of TNF family gene expression by Ca <sup>2+</sup> /calmodulin kinase type IV/Gr and calcineurin. <i>Journal of Immunology</i> , 1999, 162, 2057-63.	0.4	33
126	Genetic tracing reveals transcription factor Foxp3-dependent and Foxp3-independent functionality of peripherally induced Treg cells. <i>Immunity</i> , 2022, 55, 1173-1184.e7.	6.6	33

#	ARTICLE	IF	CITATIONS
127	DOCK8 Immune Deficiency as a Model for Primary Cytoskeletal Dysfunction. <i>Disease Markers</i> , 2010, 29, 151-156.	0.6	32
128	Antigen-specific Treg cells in immunological tolerance: implications for allergic diseases. <i>F1000Research</i> , 2018, 7, 38.	0.8	31
129	Hematopoietic Stem Cell Transplantation in Patients with Heterozygous STAT1 Gain-of-Function Mutation. <i>Journal of Clinical Immunology</i> , 2019, 39, 37-44.	2.0	31
130	Contribution of CaMKIV to Injury and Fear- Induced Ultrasonic Vocalizations in Adult Mice. <i>Molecular Pain</i> , 2005, 1, 1744-8069-1-10.	1.0	30
131	Defective Apoptosis in Lymphocytes and the Role of IL-2 in Autoimmune Hematologic Cytopenias. <i>Clinical Immunology</i> , 2001, 99, 266-275.	1.4	29
132	Regulatory T Cells: Exosomes Deliver Tolerance. <i>Immunity</i> , 2014, 41, 3-5.	6.6	29
133	Successful interferon-alpha 2b therapy for unremitting warts in a patient with DOCK8 deficiency. <i>Clinical Immunology</i> , 2014, 153, 104-108.	1.4	29
134	CTLA-4 haploinsufficiency in a patient with an autoimmune lymphoproliferative disorder. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 862-864.e4.	1.5	29
135	Regulatory T Cells: Key Players in Tolerance and Autoimmunity. <i>Endocrinology and Metabolism Clinics of North America</i> , 2009, 38, 265-272.	1.2	28
136	Renal involvement in the immunodysregulation, polyendocrinopathy, enteropathy, X-linked (IPEX) disorder. <i>Pediatric Nephrology</i> , 2015, 30, 1197-1202.	0.9	28
137	Combined immunodeficiency caused by a loss-of-function mutation in DNA polymerase delta 1. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 391-401.e8.	1.5	28
138	DOCK8 immune deficiency as a model for primary cytoskeletal dysfunction. <i>Disease Markers</i> , 2010, 29, 151-6.	0.6	28
139	A protein of the AP-1 family is a component of nuclear factor of activated T cells. <i>Journal of Immunology</i> , 1993, 150, 3284-90.	0.4	28
140	A young girl with severe cerebral fungal infection due to card 9 deficiency. <i>Clinical Immunology</i> , 2018, 191, 21-26.	1.4	27
141	Identification of an interleukin 13-induced epigenetic signature in allergic airway inflammation. <i>American Journal of Translational Research (discontinued)</i> , 2012, 4, 219-28.	0.0	27
142	Identification of a novel mutation in ZAP70 and prenatal diagnosis in a Turkish family with severe combined immunodeficiency disorder. <i>Gene</i> , 2013, 512, 189-193.	1.0	26
143	Stepwise Reversal of Immune Dysregulation Due to STAT1 Gain-of-Function Mutation Following Ruxolitinib Bridge Therapy and Transplantation. <i>Journal of Clinical Immunology</i> , 2021, 41, 769-779.	2.0	26
144	Zinc-dependent histone deacetylases drive neutrophil extracellular trap formation and potentiate local and systemic inflammation. <i>IScience</i> , 2021, 24, 103256.	1.9	26

#	ARTICLE	IF	CITATIONS
145	Superantigens. <i>Current Opinion in Immunology</i> , 1992, 4, 74-78.	2.4	25
146	Requirement for Ca <sup>2+</sup> /Calmodulin-Dependent Kinase Type IV/Gr in Setting the Thymocyte Selection Threshold. <i>Journal of Immunology</i> , 2001, 167, 6270-6278.	0.4	25
147	Advances in food allergy oral immunotherapy: toward tolerance. <i>Current Opinion in Immunology</i> , 2016, 42, 119-123.	2.4	25
148	Deciphering the black box of food allergy mechanisms. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 118, 21-27.	0.5	25
149	Notch-1 Inhibition Promotes Immune Regulation in Transplantation Via Regulatory T Cell-Dependent Mechanisms. <i>Circulation</i> , 2019, 140, 846-863.	1.6	25
150	Skin Inflammation Arising from Cutaneous Regulatory T Cell Deficiency Leads to Impaired Viral Immune Responses. <i>Journal of Immunology</i> , 2010, 185, 1295-1302.	0.4	24
151	T-regulatory cells in primary immune deficiencies. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2011, 11, 539-544.	1.1	24
152	Critical function of the CD40 pathway in parvovirus B19 infection revealed by a hypomorphic CD40 ligand mutation. <i>Clinical Immunology</i> , 2005, 117, 231-237.	1.4	21
153	Evidence for a role of CaMKIV in the development of opioid analgesic tolerance. <i>European Journal of Neuroscience</i> , 2006, 23, 2158-2168.	1.2	21
154	Th1 polarization defines the synovial fluid T cell compartment in oligoarticular juvenile idiopathic arthritis. <i>JCI Insight</i> , 2021, 6, .	2.3	21
155	Impaired memory of eyeblink conditioning in CaMKIV KO mice.. <i>Behavioral Neuroscience</i> , 2009, 123, 438-442.	0.6	19
156	Evolution and long-term outcomes of combined immunodeficiency due to CARMIL2 deficiency. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1004-1019.	2.7	19
157	Early Activation Events Induced by the Staphylococcal Superantigen Toxic Shock Syndrome Toxin-1 in Human Peripheral Blood Monocytes. <i>Clinical Immunology and Immunopathology</i> , 1994, 70, 137-144.	2.1	17
158	ILC3 deficiency and generalized ILC abnormalities in DOCK8-deficient patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 921-932.	2.7	17
159	Developmental regulation of transmembrane signaling via the T cell antigen receptor/CD3 complex in human T lymphocytes. <i>Journal of Immunology</i> , 1992, 148, 1315-21.	0.4	17
160	Activator protein-1 (AP-1) is stimulated by microbial superantigens in human monocytic cells. <i>European Journal of Immunology</i> , 1993, 23, 2129-2135.	1.6	16
161	Immunotherapy with iTreg and nTreg Cells in a Murine Model of Inflammatory Bowel Disease. <i>Methods in Molecular Biology</i> , 2016, 1422, 197-211.	0.4	16
162	Innate Immunity in Asthma. <i>New England Journal of Medicine</i> , 2016, 375, 477-479.	13.9	14

#	ARTICLE	IF	CITATIONS
163	Gene-environment interaction between an IL4R variant and school endotoxin exposure contributes to asthma symptoms in inner-city children. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 794-796.e3.	1.5	14
164	DOCK8 and STAT3 dependent inhibition of IgE isotype switching by TLR9 ligation in human B cells. <i>Clinical Immunology</i> , 2017, 183, 263-265.	1.4	13
165	Monogenic Hashimoto thyroiditis associated with a variant in the thyroglobulin (TG) gene. <i>Journal of Autoimmunity</i> , 2018, 86, 116-119.	3.0	13
166	Expanding the Clinical and Immunological Phenotypes and Natural History of MALT1 Deficiency. <i>Journal of Clinical Immunology</i> , 2022, 42, 634-652.	2.0	12
167	Proliferation of highly purified T cells in response to signaling via surface receptors requires cell-cell contact. <i>Journal of Clinical Immunology</i> , 1989, 9, 151-158.	2.0	11
168	The Regulatory T Cell Transcriptosome: E Pluribus Unum. <i>Immunity</i> , 2007, 27, 693-695.	6.6	11
169	Prostaglandin I2 signaling licenses Treg suppressive function and prevents pathogenic reprogramming. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	10
170	A common IL4 receptor variant promotes asthma severity via a Treg cell GRB2-IL6-Notch4 circuit. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3377-3387.	2.7	10
171	Genetics of atopic diseases. <i>Current Opinion in Pediatrics</i> , 1998, 10, 584-587.	1.0	9
172	Molecular Mechanisms of Regulatory T Cell Development. <i>Journal of Clinical Immunology</i> , 2008, 28, 625-630.	2.0	9
173	CaMKIV/Gr is dispensable for spermatogenesis and CREM-regulated transcription in male germ cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E931-E937.	1.8	8
174	The immunologic features of patients with early-onset and polyautoimmunity. <i>Clinical Immunology</i> , 2020, 211, 108326.	1.4	8
175	Sarco/endoplasmic reticulum Ca <sup>2+</sup> -ATPase (SERCA) activity is required for V(D)J recombination. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	8
176	Association of neuronal pp60c-src with growth cone glycoproteins of rat brain. <i>Journal of Neurobiology</i> , 1992, 23, 803-813.	3.7	7
177	Superantigens Activate HIV-1 Gene Expression in Monocytic Cells. <i>Clinical Immunology and Immunopathology</i> , 1994, 72, 357-361.	2.1	7
178	Foxp3: Shades of Tolerance. <i>Immunity</i> , 2012, 36, 693-694.	6.6	7
179	Immune Dysregulation, Polyendocrinopathy, Enteropathy, X-linked Syndrome Associated with Neonatal Epidermolysis Bullosa Acquisita. <i>Pediatric Dermatology</i> , 2015, 32, e74-7.	0.5	7
180	Light Microscopic, Immunophenotypic, and Molecular Genetic Study of Autoimmune Lymphoproliferative Syndrome Caused by fas Mutation. <i>Pediatric and Developmental Pathology</i> , 2000, 3, 101-109.	0.5	6

#	ARTICLE	IF	CITATIONS
181	Epitope-specific crosslinking of CD45 down-regulates membrane-associated tyrosine phosphatase activity and triggers early signalling events in human activated T cells. <i>Immunology</i> , 2004, 113, 441-452.	2.0	6
182	Molecular Mechanisms of Regulatory T-Cell Development. <i>Chemical Immunology and Allergy</i> , 2008, 94, 16-28.	1.7	6
183	T cell receptor transgenic lymphocytes infiltrating murine tumors are not induced to express foxp3. <i>Journal of Hematology and Oncology</i> , 2011, 4, 48.	6.9	6
184	Atopic Dermatitis Mediates the Association Between an IL4RA Variant and Food Allergy in School-Aged Children. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 2117-2124.e4.	2.0	6
185	Novel immune deficiencies: Defective transcription of lymphokine genes. <i>Clinical Immunology and Immunopathology</i> , 1991, 61, S16-S20.	2.1	5
186	Food Allergy in Infancy Is Associated with Dysbiosis of the Intestinal Microbiota. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, AB235.	1.5	5
187	Severe Combined Immunodeficiency with Selective T-Cell Cytokine Genes. <i>Pediatric Research</i> , 1993, 33, S20-S23.	1.1	4
188	Extra-intestinal manifestations of gastro-intestinal allergy: effector and regulatory T cells in the balance. <i>Clinical and Experimental Allergy</i> , 2007, 37, 070824035410001-???	1.4	3
189	Essential functions of regulatory T cell TGF- $\beta$ 1 revealed by differential gene-targeting approaches. <i>Immunity</i> , 2021, 54, 397-398.	6.6	3
190	Assessing the safety of bioactive ingredients in infant formula that affect the immune system: recommendations from an expert panel. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 570-587.	2.2	3
191	Severe Combined Immunodeficiency with Selective T-Cell Cytokine Genes. <i>Pediatric Research</i> , 1993, 33, S20-S23.	1.1	2
192	Editorial: Optimizing iTreg differentiation: STATs in the balance. <i>Journal of Leukocyte Biology</i> , 2014, 95, 197-198.	1.5	2
193	HSCT for DOCK8 Deficiency - an International Study on 74 Patients. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, S103-S104.	2.0	2
194	Temporal Regulation by Innate Type 2 Cytokines in Food Allergies. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 75.	2.4	2
195	Anti-IL-6 treatment in two pediatric patients with severe persistent asthma with the IL4R 576 variant. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, AB109.	1.5	2
196	NF- $\kappa$ B and the Innate Immune Response in the Respiratory Distress Syndrome of the Newborn: Commentary on the article by Cheah et al. on page 616. <i>Pediatric Research</i> , 2005, 57, 613-615.	1.1	1
197	Fox family ties. <i>Cell Research</i> , 2013, 23, 452-454.	5.7	1
198	Immune Dysregulation Leading to Chronic Autoimmunity. , 2014, , 497-516.		1

#	ARTICLE	IF	CITATIONS
199	A simple twist of phosphate: Immunological synapse formation and T cell receptor signaling outcome in regulatory T cells. <i>European Journal of Immunology</i> , 2017, 47, 2039-2042.	1.6	1
200	Untargeted Metabolomic Profiling Identifies Disease-Specific Pathways in Food Allergy and Asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, AB255.	1.5	1
201	Hypomorphic DOCK8 deletion causes hypereosinophilic syndrome. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28084.	0.8	1
202	An Essential Role For The Toll-Like Receptor/MyD88 Pathway In Inflammatory Skin Disease Of FoxP3-Deficient Mice. <i>FASEB Journal</i> , 2008, 22, 389-389.	0.2	1
203	Phenotypic and Functional Characterization of Regulatory T Cell Populations. , 2017, , 105-118.		1
204	Comprehensive phenotyping of mouse regulatory T cells relevant to viral infections. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, , .	1.1	1
205	Novel immune deficiencies: defective transcription of lymphokine genes. <i>Clinical and Experimental Allergy</i> , 1991, 21, 190-194.	1.4	0
206	Crouching Tigers, Hidden Dragons: The Interplay of Pathogens and Hosts. <i>Pediatric Research</i> , 2009, 65, 1R-2R.	1.1	0
207	In lasting tribute: Professor Dr İlyil Berat Barlan (1958-2015). <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 215.	1.5	0
208	A Jagged1-Notch4 interaction between Alveolar Macrophages and Allergen-Specific T cells Mediates Airway Inflammation by Ultrafine Particles. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, AB283.	1.5	0
209	A Protective Function for the Transcription factor STAT6 in Eczematous Skin Inflammation Revealed in Mice with Enhanced IL-4R Signaling. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, AB123.	1.5	0
210	The IL-4Ra R576 polymorphism is associated with increased AD severity and promotes allergic skin inflammation.. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, AB239.	1.5	0
211	Eczema-prone CCR4 <sup>hi</sup> FoxP3 <sup>hi</sup> bone marrow chimeras display defective immune responses following skin infection with vaccinia. <i>FASEB Journal</i> , 2008, 22, 490-490.	0.2	0
212	The Emerging Role of MHC Molecules as Signal Transducing Receptors. , 1993, , 187-193.		0
213	Reprogramming Regulatory T cells to Promote Tolerance in Allergic Diseases. <i>Selcuk Tip Dergisi</i> , 2019, 1, 69-76.	0.1	0
214	Recent patents in allergy and immunology: Method for treating asthma or allergic disease via anti-Notch4 mAb. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2260-2261.	2.7	0