Talal A Chatila

List of Publications by Citations

198 papers	16,382 citations	65 h-index	125 g-index
249 ext. papers	19,415 ext. citations	10.3 avg, IF	6.61 L-index

#	Paper	IF	Citations
198	The Toll-like receptor 2 pathway establishes colonization by a commensal of the human microbiota. *Science*, **2011**, 332, 974-7	33.3	1106
197	JM2, encoding a fork head-related protein, is mutated in X-linked autoimmunity-allergic disregulation syndrome. *Journal of Clinical Investigation*, **2000**, 106, R75-81	15.9	668
196	The association of atopy with a gain-of-function mutation in the alpha subunit of the interleukin-4 receptor. *New England Journal of Medicine*, **1997**, 337, 1720-5	59.2	659
195	International Union of Immunological Societies: 2017 Primary Immunodeficiency Diseases Committee Report on Inborn Errors of Immunity. *Journal of Clinical Immunology*, **2018**, 38, 96-128	5.7	510
194	Human Inborn Errors of Immunity: 2019 Update on the Classification from the International Union of Immunological Societies Expert Committee. *Journal of Clinical Immunology*, **2020**, 40, 24-64	5.7	497
193	Primary Immunodeficiency Diseases: an Update on the Classification from the International Union of Immunological Societies Expert Committee for Primary Immunodeficiency 2015. *Journal of Clinical Immunology*, **2015**, 35, 696-726	5.7	478
192	Large deletions and point mutations involving the dedicator of cytokinesis 8 (DOCK8) in the autosomal-recessive form of hyper-IgE syndrome. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 1289-302.e4	11.5	380
191	Regulatory T cell development in the absence of functional Foxp3. *Nature Immunology*, **2007**, 8, 359-68	19.1	374
190	The 2017 IUIS Phenotypic Classification for Primary Immunodeficiencies. *Journal of Clinical Immunology*, **2018**, 38, 129-143	5.7	345
189	A requisite role for induced regulatory T cells in tolerance based on expanding antigen receptor diversity. *Immunity*, **2011**, 35, 109-22	32.3	332
188	CD25 deficiency causes an immune dysregulation, polyendocrinopathy, enteropathy, X-linked-like syndrome, and defective IL-10 expression from CD4 lymphocytes. *Journal of Allergy and Clinical Immunology*, **2007**, 119, 482-7	11.5	324
187	Primary immunodeficiency diseases: an update on the classification from the international union of immunological societies expert committee for primary immunodeficiency. *Frontiers in Immunology*, **2014**, 5, 162	8.4	309
186	A microbiota signature associated with experimental food allergy promotes allergic sensitization and anaphylaxis. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 201-12	11.5	273
185	Human Inborn Errors of Immunity: 2019 Update of the IUIS Phenotypical Classification. *Journal of Clinical Immunology*, **2020**, 40, 66-81	5.7	267
184	Regulation of osteoclast differentiation and function by the CaMK-CREB pathway. *Nature Medicine*, **2006**, 12, 1410-6	50.5	265
183	Mutations in the tyrosine phosphatase CD45 gene in a child with severe combined immunodeficiency disease. *Nature Medicine*, **2000**, 6, 343-5	50.5	240
182	Impaired synaptic plasticity and cAMP response element-binding protein activation in Ca2+/calmodulin-dependent protein kinase type IV/Gr-deficient mice. *Journal of Neuroscience*, **2000**, 20, 6459-72	6.6	225

181	Regulatory T cell reprogramming toward a Th2-cell-like lineage impairs oral tolerance and promotes food allergy. *Immunity*, **2015**, 42, 512-23	32.3	222
180	Role of regulatory T cells in human diseases. *Journal of Allergy and Clinical Immunology*, **2005**, 116, 949-59; quiz 960	11.5	207
179	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4-insufficient subjects. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1932-1946	11.5	204
178	Regulatory T cells in allergic diseases. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 639-652	11.5	200
177	DOCK8 deficiency: clinical and immunological phenotype and treatment options - a review of 136 patients. *Journal of Clinical Immunology*, **2015**, 35, 189-98	5.7	196
176	Calcium calmodulin-dependent protein kinase IV is required for fear memory. *Nature Neuroscience*, **2002**, 5, 573-9	25.5	192
175	Constitutive and stimulus-induced phosphorylation of CD11/CD18 leukocyte adhesion molecules. *Journal of Cell Biology*, **1989**, 109, 3435-44	7.3	191
174	Allergic dysregulation and hyperimmunoglobulinemia E in Foxp3 mutant mice. *Journal of Allergy and Clinical Immunology*, **2005**, 116, 1106-15	11.5	187
173	Regulatory T cells dynamically control the primary immune response to foreign antigen. *Journal of Immunology*, **2007**, 178, 2961-72	5.3	186
172	A central role for induced regulatory T cells in tolerance induction in experimental colitis. *Journal of Immunology*, **2009**, 182, 3461-8	5.3	180
171	Integration of calcineurin and MEF2 signals by the coactivator p300 during T-cell apoptosis. *EMBO Journal*, **2000**, 19, 4323-31	13	178
170	DOCK8 functions as an adaptor that links TLR-MyD88 signaling to B cell activation. *Nature Immunology*, **2012**, 13, 612-20	19.1	170
169	Ca(2+)-dependent gene expression mediated by MEF2 transcription factors. *Journal of Biological Chemistry*, **2000**, 275, 197-209	5.4	165
168	The 2015 IUIS Phenotypic Classification for Primary Immunodeficiencies. *Journal of Clinical Immunology*, **2015**, 35, 727-38	5.7	160
167	Regulatory T-cell deficiency and immune dysregulation, polyendocrinopathy, enteropathy, X-linked-like disorder caused by loss-of-function mutations in LRBA. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 217-27	11.5	160
166	Interleukin-4 receptor signaling pathways in asthma pathogenesis. *Trends in Molecular Medicine*, **2004**, 10, 493-9	11.5	157
165	IL-4 production by group 2 innate lymphoid cells promotes food allergy by blocking regulatory T-cell function. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 801-811.e9	11.5	142
164	Microbiota therapy acts via a regulatory T cell MyD88/RORγt pathway to suppress food allergy. *Nature Medicine*, **2019**, 25, 1164-1174	50.5	132

163	The extended clinical phenotype of 64 patients with dedicator of cytokinesis 8 deficiency. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 402-12	11.5	130
162	Immune dysregulation, polyendocrinopathy, enteropathy, X-linked (IPEX) and IPEX-related disorders: an evolving web of heritable autoimmune diseases. *Current Opinion in Pediatrics*, **2013**, 25, 708-14	3.2	127
161	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. *New England Journal of Medicine*, **2015**, 372, 2409-22	59.2	125
160	Regulation of microtubule dynamics by Ca2+/calmodulin-dependent kinase IV/Gr-dependent phosphorylation of oncoprotein 18. *Molecular and Cellular Biology*, **1997**, 17, 3459-67	4.8	125
159	Oral immunotherapy induces IgG antibodies that act through FcγRIIb to suppress IgE-mediated hypersensitivity. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 1310-1317.e6	11.5	119
158	Selective engagement of plasticity mechanisms for motor memory storage. *Neuron*, **2006**, 51, 823-34	13.9	114
157	FOXP3 is a homo-oligomer and a component of a supramolecular regulatory complex disabled in the human XLAAD/IPEX autoimmune disease. *International Immunology*, **2007**, 19, 825-35	4.9	111
156	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. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1629-1640.e2	11.5	104
155	IgE-mediated systemic anaphylaxis and impaired tolerance to food antigens in mice with enhanced IL-4 receptor signaling. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 795-805.e1-6	11.5	101
154	MyD88 Adaptor-Dependent Microbial Sensing by Regulatory T Cells Promotes Mucosal Tolerance and Enforces Commensalism. *Immunity*, **2015**, 43, 289-303	32.3	100
153	Immunoglobulin E signal inhibition during allergen ingestion leads to reversal of established food allergy and induction of regulatory T cells. *Immunity*, **2014**, 41, 141-51	32.3	100
152	An asthma-associated IL4R variant exacerbates airway inflammation by promoting conversion of regulatory T cells to TH17-like cells. *Nature Medicine*, **2016**, 22, 1013-22	50.5	100
151	DOCK8 deficiency: Insights into pathophysiology, clinical features and management. *Clinical Immunology*, **2017**, 181, 75-82	9	91
150	A unique phosphorylation-dependent mechanism for the activation of Ca2+/calmodulin-dependent protein kinase type IV/GR. *Journal of Biological Chemistry*, **1996**, 271, 21542-8	5.4	91
149	Direct effects of IL-4 on mast cells drive their intestinal expansion and increase susceptibility to anaphylaxis in a murine model of food allergy. *Mucosal Immunology*, **2013**, 6, 740-50	9.2	86
148	Defects along the T(H)17 differentiation pathway underlie genetically distinct forms of the hyper IgE syndrome. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 342-8, 348.e1-5	11.5	84
147	A recessive form of hyper-IgE syndrome by disruption of ZNF341-dependent STAT3 transcription and activity. *Science Immunology*, **2018**, 3,	28	82
146	Control of peripheral tolerance by regulatory T cell-intrinsic Notch signaling. *Nature Immunology*, **2015**, 16, 1162-73	19.1	81

145	Food allergy: Insights into etiology, prevention, and treatment provided by murine models. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 309-17	11.5	81
144	GITR engagement preferentially enhances proliferation of functionally competent CD4+CD25+FoxP3+ regulatory T cells. *International Immunology*, **2010**, 22, 259-70	4.9	74
143	An immunodeficiency characterized by defective signal transduction in T lymphocytes. *New England Journal of Medicine*, **1989**, 320, 696-702	59.2	74
142	Control of cortical axon elongation by a GABA-driven Ca2+/calmodulin-dependent protein kinase cascade. *Journal of Neuroscience*, **2009**, 29, 13720-9	6.6	73
141	Phosphorylation of T cell membrane proteins by activators of protein kinase C. *Journal of Immunology*, **1988**, 140, 4308-14	5.3	73
140	Mechanisms of Dupilumab. *Clinical and Experimental Allergy*, **2020**, 50, 5-14	4.1	73
139	Expression of a Ca2+/calmodulin-dependent protein kinase, CaM kinase-Gr, in human T lymphocytes. Regulation of kinase activity by T cell receptor signaling. *Journal of Biological Chemistry*, **1993**, 268, 20055-63	5.4	71
138	Regulatory T Cells: the Many Faces of Foxp3. *Journal of Clinical Immunology*, **2019**, 39, 623-640	5.7	70
137	Dedicator of cytokinesis 8-deficient patients have a breakdown in peripheral B-cell tolerance and defective regulatory T cells. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 1365-1374	11.5	68
136	Functional reprogramming of regulatory T cells in the absence of Foxp3. *Nature Immunology*, **2019**, 20, 1208-1219	19.1	66
135	Vehicular exhaust particles promote allergic airway inflammation through an aryl hydrocarbon receptor-notch signaling cascade. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 441-53	11.5	65
134	Abatacept as a Long-Term Targeted Therapy for LRBA Deficiency. *Journal of Allergy and Clinical Immunology: in Practice*, **2019**, 7, 2790-2800.e15	5.4	64
133	IL-10 produced by induced regulatory T cells (iTregs) controls colitis and pathogenic ex-iTregs during immunotherapy. *Journal of Immunology*, **2012**, 189, 5638-48	5.3	64
132	Pathogenicity of a disease-associated human IL-4 receptor allele in experimental asthma. *Journal of Experimental Medicine*, **2009**, 206, 2191-204	16.6	59
131	Serine 16 of oncoprotein 18 is a major cytosolic target for the Ca2+/calmodulin-dependent kinase-Gr. *FEBS Journal*, **1994**, 225, 53-60		59
130	Exaggerated follicular helper T-cell responses in patients with LRBA deficiency caused by failure of CTLA4-mediated regulation. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1050-1059.e10	11.5	58
129	Idiopathic systemic capillary leak syndrome: novel therapy for acute attacks. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 1111-3	11.5	58
128	Role of protein tyrosine phosphorylation in monokine induction by the staphylococcal superantigen toxic shock syndrome toxin-1. *Journal of Immunology*, **1992**, 148, 2237-41	5.3	58

127	Clinical, immunologic, and genetic spectrum of 696 patients with combined immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1450-1458	11.5	56
126	Successful engraftment of donor marrow after allogeneic hematopoietic cell transplantation in autosomal-recessive hyper-IgE syndrome caused by dedicator of cytokinesis 8 deficiency. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 1304-5.e3	11.5	56
125	Severe Early-Onset Combined Immunodeficiency due to Heterozygous Gain-of-Function Mutations in STAT1. *Journal of Clinical Immunology*, **2016**, 36, 641-8	5.7	53
124	Clinical, immunologic and genetic profiles of DOCK8-deficient patients in Kuwait. *Clinical Immunology*, **2012**, 143, 266-72	9	52
123	Dedicator of cytokinesis 8 regulates signal transducer and activator of transcription 3 activation and promotes T17 cell differentiation. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 1384-1394.e2	11.5	51
122	In vivo regulation of the allergic response by the IL-4 receptor alpha chain immunoreceptor tyrosine-based inhibitory motif. *Journal of Allergy and Clinical Immunology*, **2010**, 125, 1128-1136.e8	11.5	51
121	Signal transduction by microbial superantigens via MHC class II molecules. *Immunological Reviews*, **1993**, 131, 43-59	11.3	51
120	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. *Clinical Immunology*, **2011**, 141, 128-32	9	50
119	Engagement of MHC class II molecules by staphylococcal superantigens activates src-type protein tyrosine kinases. *European Journal of Immunology*, **1994**, 24, 651-8	6.1	50
118	The role of the gut microbiota in food allergy. *Current Opinion in Pediatrics*, **2016**, 28, 748-753	3.2	48
117	T Regulatory Cell Biology in Health and Disease. *Current Allergy and Asthma Reports*, **2016**, 16, 27	5.6	46
116	MyD88 is critically involved in immune tolerance breakdown at environmental interfaces of Foxp3-deficient mice. *Journal of Clinical Investigation*, **2012**, 122, 1933-47	15.9	46
115	Response of refractory Kawasaki disease to pulse steroid and cyclosporin A therapy. *Pediatric Infectious Disease Journal*, **2001**, 20, 635-7	3.4	46
114	Oral immunotherapy with omalizumab reverses the Th2 cell-like programme of regulatory T cells and restores their function. *Clinical and Experimental Allergy*, **2018**, 48, 825-836	4.1	45
113	Response to steroid therapy in autism secondary to autoimmune lymphoproliferative syndrome. *Journal of Pediatrics*, **2000**, 136, 682-7	3.6	45
112	Primary Immune Deficiency Treatment Consortium (PIDTC) report. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 335-47	11.5	42
111	Targeted inactivation of the IL-4 receptor alpha chain I4R motif promotes allergic airway inflammation. *Journal of Experimental Medicine*, **2003**, 198, 1189-200	16.6	42
110	Induction of interleukin-6 after stimulation of human B-cell CD21 by Epstein-Barr virus glycoproteins gp350 and gp220. *Journal of Virology*, **1996**, 70, 570-5	6.6	41

109	Untargeted metabolomic profiling identifies disease-specific signatures in food allergy and asthma. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 897-906	11.5	41
108	CD4(+)CD25(hi)Foxp3(+) Cells Exacerbate Bleomycin-Induced Pulmonary Fibrosis. *American Journal of Pathology*, **2016**, 186, 2008-2020	5.8	41
107	Plasmacytoid dendritic cell depletion in DOCK8 deficiency: rescue of severe herpetic infections with IFN-□2b therapy. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1753-5.e3	11.5	40
106	Calcium□almodulin-dependent protein kinase IV is required for fear memory		39
105	Flow cytometry diagnosis of dedicator of cytokinesis 8 (DOCK8) deficiency. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 221-3	11.5	38
104	Hematopoietic stem cell transplantation outcomes for 11 patients with dedicator of cytokinesis 8 deficiency. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 852-859.e3	11.5	38
103	EROS/CYBC1 mutations: Decreased NADPH oxidase function and chronic granulomatous disease. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 782-785.e1	11.5	38
102	Nighttime aqueous-phase secondary organic aerosols in Los Angeles and its implication for fine particulate matter composition and oxidative potential. *Atmospheric Environment*, **2016**, 133, 112-122	5.3	37
101	Long-term memory deficits in Pavlovian fear conditioning in Ca2+/calmodulin kinase kinase alpha-deficient mice. *Molecular and Cellular Biology*, **2006**, 26, 9105-15	4.8	37
100	Dominant-negative mutations in human IL6ST underlie hyper-IgE syndrome. *Journal of Experimental Medicine*, **2020**, 217,	16.6	36
99	T-cell effector pathways in allergic diseases: transcriptional mechanisms and therapeutic targets. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 812-23; quiz 824-5	11.5	35
98	Requirement for mitogen, T cell-accessory cell contact, and interleukin 1 in the induction of resting T-cell proliferation. *Clinical Immunology and Immunopathology*, **1987**, 44, 235-47		35
97	The T cell receptor associated CD3-epsilon protein is phosphorylated upon T cell activation in the two tyrosine residues of a conserved signal transduction motif. *European Journal of Immunology*, **1993**, 23, 1636-42	6.1	34
96	A Ca2+/calmodulin-dependent protein kinase, CaM kinase-Gr, expressed after transformation of primary human B lymphocytes by Epstein-Barr virus (EBV) is induced by the EBV oncogene LMP1. *Journal of Virology*, **1994**, 68, 1697-705	6.6	34
95	Calcium-dependent activation of TNF family gene expression by Ca2+/calmodulin kinase type IV/Gr and calcineurin. *Journal of Immunology*, **1999**, 162, 2057-63	5.3	33
94	Staphylococcal superantigens as inducers of signal transduction in MHC class II-positive cells. *Seminars in Immunology*, **1993**, 5, 47-55	10.7	32
93	DOCK8 Immune Deficiency as a Model for Primary Cytoskeletal Dysfunction. *Disease Markers*, **2010**, 29, 151-156	3.2	31
92	Immunoglobulin replacement therapy in children. *Immunology and Allergy Clinics of North America*, **2008**, 28, 833-49, ix	3.3	31

91	Alternatively Activated Macrophages Boost Induced Regulatory T and Th17 Cell Responses during Immunotherapy for Colitis. *Journal of Immunology*, **2016**, 196, 3305-17	5.3	30
90	Molecular basis of a multiple lymphokine deficiency in a patient with severe combined immunodeficiency. *Proceedings of the National Academy of Sciences of the United States of America*, **1993**, 90, 4728-32	11.5	30
89	DOCK8 Deficiency Presenting as an IPEX-Like Disorder. *Journal of Clinical Immunology*, **2017**, 37, 811-819	5.7	29
88	Requirements for activation of human peripheral blood T cells by mouse monoclonal antibodies to CD3. *Clinical Immunology and Immunopathology*, **1987**, 43, 48-64		29
87	Contribution of CaMKIV to injury and fear-induced ultrasonic vocalizations in adult mice. *Molecular Pain*, **2005**, 1, 10	3.4	28
86	A protein of the AP-1 family is a component of nuclear factor of activated T cells. *Journal of Immunology*, **1993**, 150, 3284-90	5.3	28
85	Flow cytometry biomarkers distinguish DOCK8 deficiency from severe atopic dermatitis. *Clinical Immunology*, **2014**, 150, 220-4	9	27
84	A regulatory T cell Notch4-GDF15 axis licenses tissue inflammation in asthma. *Nature Immunology*, **2020**, 21, 1359-1370	19.1	27
83	Current concepts in chronic inflammatory diseases: Interactions between microbes, cellular metabolism, and inflammation. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 47-56	11.5	26
82	Natural Killer Cells from Patients with Recombinase-Activating Gene and Non-Homologous End Joining Gene Defects Comprise a Higher Frequency of CD56 NKG2A Cells, and Yet Display Increased Degranulation and Higher Perforin Content. *Frontiers in Immunology*, **2017**, 8, 798	8.4	26
81	Identification of an interleukin 13-induced epigenetic signature in allergic airway inflammation. *American Journal of Translational Research (discontinued)*, **2012**, 4, 219-28	3	25
80	DOCK8 immune deficiency as a model for primary cytoskeletal dysfunction. *Disease Markers*, **2010**, 29, 151-6	3.2	25
79	Renal involvement in the immunodysregulation, polyendocrinopathy, enteropathy, X-linked (IPEX) disorder. *Pediatric Nephrology*, **2015**, 30, 1197-202	3.2	24
78	Regulation of oral immune tolerance by the microbiome in food allergy. *Current Opinion in Immunology*, **2019**, 60, 141-147	7.8	24
77	CTLA-4 haploinsufficiency in a patient with an autoimmune lymphoproliferative disorder. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 862-864.e4	11.5	23
76	Successful interferon-alpha 2b therapy for unremitting warts in a patient with DOCK8 deficiency. *Clinical Immunology*, **2014**, 153, 104-108	9	23
75	Regulatory T cells: key players in tolerance and autoimmunity. *Endocrinology and Metabolism Clinics of North America*, **2009**, 38, 265-72, vii	5.5	23
74	Requirement for Ca2+/calmodulin-dependent kinase type IV/Gr in setting the thymocyte selection threshold. *Journal of Immunology*, **2001**, 167, 6270-8	5.3	23

73	A Jagged 1-Notch 4 molecular switch mediates airway inflammation induced by ultrafine particles. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1243-1256.e17	11.5	22
72	WASP-mediated regulation of anti-inflammatory macrophages is IL-10 dependent and is critical for intestinal homeostasis. *Nature Communications*, **2018**, 9, 1779	17.4	22
71	Regulatory T cells: exosomes deliver tolerance. *Immunity*, **2014**, 41, 3-5	32.3	22
70	Skin inflammation arising from cutaneous regulatory T cell deficiency leads to impaired viral immune responses. *Journal of Immunology*, **2010**, 185, 1295-302	5.3	22
69	Notch4 signaling limits regulatory T-cell-mediated tissue repair and promotes severe lung inflammation in viral infections. *Immunity*, **2021**, 54, 1186-1199.e7	32.3	22
68	Advances in food allergy oral immunotherapy: toward tolerance. *Current Opinion in Immunology*, **2016**, 42, 119-123	7.8	21
67	Defective apoptosis in lymphocytes and the role of IL-2 in autoimmune hematologic cytopenias. *Clinical Immunology*, **2001**, 99, 266-75	9	21
66	Superantigens. *Current Opinion in Immunology*, **1992**, 4, 74-8	7.8	21
65	The Transcription Factor Foxp3 Shapes Regulatory T Cell Identity by Tuning the Activity of trans-Acting Intermediaries. *Immunity*, **2020**, 53, 971-984.e5	32.3	21
64	Antigen-specific Treg cells in immunological tolerance: implications for allergic diseases. *F1000Research*, **2018**, 7, 38	3.6	21
63	Deciphering the black box of food allergy mechanisms. *Annals of Allergy, Asthma and Immunology*, **2017**, 118, 21-27	3.2	19
62	T-regulatory cells in primary immune deficiencies. *Current Opinion in Allergy and Clinical Immunology* , **2011**, 11, 539-44	3.3	19
61	Critical function of the CD40 pathway in parvovirus B19 infection revealed by a hypomorphic CD40 ligand mutation. *Clinical Immunology*, **2005**, 117, 231-7	9	19
60	Combined immunodeficiency caused by a loss-of-function mutation in DNA polymerase delta 1. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 391-401.e8	11.5	19
59	Identification of a novel mutation in ZAP70 and prenatal diagnosis in a Turkish family with severe combined immunodeficiency disorder. *Gene*, **2013**, 512, 189-93	3.8	18
58	Impaired memory of eyeblink conditioning in CaMKIV KO mice. *Behavioral Neuroscience*, **2009**, 123, 438-42	2.1	18
57	Evidence for a role of CaMKIV in the development of opioid analgesic tolerance. *European Journal of Neuroscience*, **2006**, 23, 2158-68	3.5	18
56	Dietary and Microbial Determinants in Food Allergy. *Immunity*, **2020**, 53, 277-289	32.3	18

55	Th17 reprogramming of T cells in systemic juvenile idiopathic arthritis. *JCI Insight*, **2020**, 5,	9.9	17
54	A young girl with severe cerebral fungal infection due to card 9 deficiency. *Clinical Immunology*, **2018**, 191, 21-26	9	16
53	Developmental regulation of transmembrane signaling via the T cell antigen receptor/CD3 complex in human T lymphocytes. *Journal of Immunology*, **1992**, 148, 1315-21	5.3	16
52	Regulatory T Cell-Derived TGF-β Controls Multiple Checkpoints Governing Allergy and Autoimmunity. *Immunity*, **2020**, 53, 1202-1214.e6	32.3	16
51	Hematopoietic Stem Cell Transplantation in Patients with Heterozygous STAT1 Gain-of-Function Mutation. *Journal of Clinical Immunology*, **2019**, 39, 37-44	5.7	16
50	Activator protein-1 (AP-1) is stimulated by microbial superantigens in human monocytic cells. *European Journal of Immunology*, **1993**, 23, 2129-35	6.1	15
49	Treatment of severe persistent asthma with IL-6 receptor blockade. *Journal of Allergy and Clinical Immunology: in Practice*, **2019**, 7, 1639-1642.e4	5.4	14
48	Immunotherapy with iTreg and nTreg Cells in a Murine Model of Inflammatory Bowel Disease. *Methods in Molecular Biology*, **2016**, 1422, 197-211	1.4	12
47	Notch-1 Inhibition Promotes Immune Regulation in Transplantation Via Regulatory T Cell-Dependent Mechanisms. *Circulation*, **2019**, 140, 846-863	16.7	12
46	DOCK8 and STAT3 dependent inhibition of IgE isotype switching by TLR9 ligation in human B cells. *Clinical Immunology*, **2017**, 183, 263-265	9	12
45	Early activation events induced by the staphylococcal superantigen toxic shock syndrome toxin-1 in human peripheral blood monocytes. *Clinical Immunology and Immunopathology*, **1994**, 70, 137-44		12
44	The regulatory T cell transcriptosome: E pluribus unum. *Immunity*, **2007**, 27, 693-5	32.3	11
43	The microbial origins of food allergy. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 808-813	11.5	11
42	Monogenic Hashimoto thyroiditis associated with a variant in the thyroglobulin (TG) gene. *Journal of Autoimmunity*, **2018**, 86, 116-119	15.5	9
41	Molecular mechanisms of regulatory T cell development. *Journal of Clinical Immunology*, **2008**, 28, 625-30	9.7	9
40	Gene-environment interaction between an IL4R variant and school endotoxin exposure contributes to asthma symptoms in inner-city children. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 794-796.e3	11.5	8
39	Proliferation of highly purified T cells in response to signaling via surface receptors requires cell-cell contact. *Journal of Clinical Immunology*, **1989**, 9, 151-8	5.7	8
38	ILC3 deficiency and generalized ILC abnormalities in DOCK8-deficient patients. *Allergy: European Journal of Allergy and Clinical Immunology*, **2020**, 75, 921-932	9.3	8

37	CaMKIV/Gr is dispensable for spermatogenesis and CREM-regulated transcription in male germ cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2001**, 281, E931-7	6	7
36	Association of neuronal pp60c-src with growth cone glycoproteins of rat brain. *Journal of Neurobiology*, **1992**, 23, 803-13		7
35	Immune dysregulation, polyendocrinopathy, enteropathy, X-linked syndrome associated with neonatal epidermolysis bullosa acquisita. *Pediatric Dermatology*, **2015**, 32, e74-7	1.9	6
34	Foxp3: shades of tolerance. *Immunity*, **2012**, 36, 693-4	32.3	6
33	Molecular mechanisms of regulatory T-cell development. *Chemical Immunology and Allergy*, **2008**, 94, 16-28		6
32	Epitope-specific crosslinking of CD45 down-regulates membrane-associated tyrosine phosphatase activity and triggers early signalling events in human activated T cells. *Immunology*, **2004**, 113, 441-52	7.8	6
31	Genetics of atopic diseases. *Current Opinion in Pediatrics*, **1998**, 10, 584-7	3.2	6
30	Superantigens activate HIV-1 gene expression in monocytic cells. *Clinical Immunology and Immunopathology*, **1994**, 72, 357-61		6
29	Single-cell analysis of FOXP3 deficiencies in humans and mice unmasks intrinsic and extrinsic CD4 T cell perturbations. *Nature Immunology*, **2021**, 22, 607-619	19.1	6
28	T cell receptor transgenic lymphocytes infiltrating murine tumors are not induced to express foxp3. *Journal of Hematology and Oncology*, **2011**, 4, 48	22.4	5
27	Zinc-dependent histone deacetylases drive neutrophil extracellular trap formation and potentiate local and systemic inflammation. *IScience*, **2021**, 24, 103256	6.1	5
26	Evolution and long-term outcomes of combined immunodeficiency due to CARMIL2 deficiency. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**,	9.3	5
25	Novel immune deficiencies: defective transcription of lymphokine genes. *Clinical Immunology and Immunopathology*, **1991**, 61, S16-20		4
24	The immunologic features of patients with early-onset and polyautoimmunity. *Clinical Immunology*, **2020**, 211, 108326	9	4
23	Food Allergy in Infancy Is Associated with Dysbiosis of the Intestinal Microbiota. *Journal of Allergy and Clinical Immunology*, **2016**, 137, AB235	11.5	4
22	Stepwise Reversal of Immune Dysregulation Due to STAT1 Gain-of-Function Mutation Following Ruxolitinib Bridge Therapy and Transplantation. *Journal of Clinical Immunology*, **2021**, 41, 769-779	5.7	4
21	Light microscopic, immunophenotypic, and molecular genetic study of autoimmune lymphoproliferative syndrome caused by fas mutation. *Pediatric and Developmental Pathology*, **2000**, 3, 101-9	2.2	3
20	Prostaglandin I2 signaling licenses Treg suppressive function and prevents pathogenic reprogramming. *Journal of Clinical Investigation*, **2021**, 131,	15.9	3

19	Temporal Regulation by Innate Type 2 Cytokines in Food Allergies. *Current Allergy and Asthma Reports*, **2016**, 16, 75	5.6	2
18	Severe Combined Immunodeficiency with Selective T-Cell Cytokine Genes. *Pediatric Research*, **1993**, 33, S20-S23	3.2	2
17	HSCT for DOCK8 Deficiency - an International Study on 74 Patients. *Biology of Blood and Marrow Transplantation*, **2016**, 22, S103-S104	4.7	2
16	A simple twist of phosphate: Immunological synapse formation and T cell receptor signaling outcome in regulatory T cells. *European Journal of Immunology*, **2017**, 47, 2039-2042	6.1	1
15	Immune Dysregulation Leading to Chronic Autoimmunity **2014**, 497-516		1
14	Fox family ties. *Cell Research*, **2013**, 23, 452-4	24.7	1
13	NF-kappaB and the innate immune response in the respiratory distress syndrome of the newborn: commentary on the article by Cheah et al. on page 616. *Pediatric Research*, **2005**, 57, 613-5	3.2	1
12	Severe Combined Immunodeficiency with Selective T-Cell Cytokine Genes. *Pediatric Research*, **1993**, 33, S20-S23	3.2	1
11	Expanding the Clinical and Immunological Phenotypes and Natural History of MALT1 Deficiency.. *Journal of Clinical Immunology*, **2022**, 1	5.7	1
10	An Essential Role For The Toll-Like Receptor/MyD88 Pathway In Inflammatory Skin Disease Of FoxP3-Deficient Mice. *FASEB Journal*, **2008**, 22, 389-389	0.9	1
9	Single cell analysis of FOXP3 deficiencies in humans and mice unmasks intrinsic and extrinsic CD4+ T cell perturbations		1
8	EROS is required for phagocyte NADPH oxidase function in humans and its deficiency causes Chronic Granulomatous Disease		1
7	Phenotypic and Functional Characterization of Regulatory T Cell Populations **2017**, 105-118		1
6	Hypomorphic DOCK8 deletion causes hypereosinophilic syndrome. *Pediatric Blood and Cancer*, **2020** , 67, e28084	3	1
5	Essential functions of regulatory T cell TGF- revealed by differential gene-targeting approaches. *Immunity*, **2021**, 54, 397-398	32.3	1
4	Crouching tigers, hidden dragons: the interplay of pathogens and hosts. *Pediatric Research*, **2009**, 65, 1R-2R	3.2	
3	Novel immune deficiencies: defective transcription of lymphokine genes. *Clinical and Experimental Allergy*, **1991**, 21 Suppl 1, 190-4	4.1	
2	Eczema-prone CCR4 FoxP3 bone marrow chimeras display defective immune responses following skin infection with vaccinia. *FASEB Journal*, **2008**, 22, 490-490	0.9	

List of Publications

1 The Emerging Role of MHC Molecules as Signal Transducing Receptors **1993**, 187-193