Charlotte Cunningham-Rundles

List of Publications by Citations

339 papers	24,688 citations	79 h-index	149 g-index
377 ext. papers	29,631 ext. citations	7.2 avg, IF	7.09 L-index

#	Paper	IF	Citations
339	Chronic fatigue syndrome: a working case definition. *Annals of Internal Medicine*, **1988**, 108, 387-9	8	1131
338	Common variable immunodeficiency: clinical and immunological features of 248 patients. *Clinical Immunology*, **1999**, 92, 34-48	9	1116
337	A serological assay to detect SARS-CoV-2 seroconversion in humans. *Nature Medicine*, **2020**, 26, 1033-1036	36.5	1111
336	Severe acquired immunodeficiency in male homosexuals, manifested by chronic perianal ulcerative herpes simplex lesions. *New England Journal of Medicine*, **1981**, 305, 1439-44	59.2	1052
335	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
334	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
333	Use of intravenous immunoglobulin in human disease: a review of evidence by members of the Primary Immunodeficiency Committee of the American Academy of Allergy, Asthma and Immunology. *Journal of Allergy and Clinical Immunology*, **2006**, 117, S525-53	11.5	493
332	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
331	Morbidity and mortality in common variable immune deficiency over 4 decades. *Blood*, **2012**, 119, 1650-7	12.2	476
330	Newborn screening for severe combined immunodeficiency in 11 screening programs in the United States. *JAMA - Journal of the American Medical Association*, **2014**, 312, 729-38	27.4	426
329	X-linked agammaglobulinemia: report on a United States registry of 201 patients. *Medicine (United States)*, **2006**, 85, 193-202	1.8	420
328	International Consensus Document (ICON): Common Variable Immunodeficiency Disorders. *Journal of Allergy and Clinical Immunology: in Practice*, **2016**, 4, 38-59	5.4	407
327	Primary immunodeficiencies: 2009 update. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 1161-78	11.5	361
326	The 2017 IUIS Phenotypic Classification for Primary Immunodeficiencies. *Journal of Clinical Immunology*, **2018**, 38, 129-143	5.7	345
325	Expansion of the Human Phenotype Ontology (HPO) knowledge base and resources. *Nucleic Acids Research*, **2019**, 47, D1018-D1027	20.1	333
324	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
323	Complement receptor 2/CD21- human naive B cells contain mostly autoreactive unresponsive clones. *Blood*, **2010**, 115, 5026-36	2.2	304

322	Immunoglobulin D enhances immune surveillance by activating antimicrobial, proinflammatory and B cell-stimulating programs in basophils. *Nature Immunology*, **2009**, 10, 889-98	19.1	299
321	Clinical and immunologic analyses of 103 patients with common variable immunodeficiency. *Journal of Clinical Immunology*, **1989**, 9, 22-33	5.7	298
320	Human Inborn Errors of Immunity: 2019 Update of the IUIS Phenotypical Classification. *Journal of Clinical Immunology*, **2020**, 40, 66-81	5.7	267
319	Primary immunodeficiency diseases: an update on the classification from the international union of immunological societies expert committee for primary immunodeficiency. *Frontiers in Immunology*, **2011**, 2, 54	8.4	266
318	Efficacy of intravenous immunoglobulin in the prevention of pneumonia in patients with common variable immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2002**, 109, 1001-4	11.5	262
317	Update in understanding common variable immunodeficiency disorders (CVIDs) and the management of patients with these conditions. *British Journal of Haematology*, **2009**, 145, 709-27	4.5	259
316	The transmembrane activator TACI triggers immunoglobulin class switching by activating B cells through the adaptor MyD88. *Nature Immunology*, **2010**, 11, 836-45	19.1	251
315	Physiology of IgA and IgA deficiency. *Journal of Clinical Immunology*, **2001**, 21, 303-9	5.7	251
314	High-Throughput GoMiner, an Qndustrial-strengthQntegrative gene ontology tool for interpretation of multiple-microarray experiments, with application to studies of Common Variable Immune Deficiency (CVID). *BMC Bioinformatics*, **2005**, 6, 168	3.6	237
313	How I treat common variable immune deficiency. *Blood*, **2010**, 116, 7-15	2.2	212
312	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
311	Reexamining the role of TACI coding variants in common variable immunodeficiency and selective IgA deficiency. *Nature Genetics*, **2007**, 39, 429-30	36.3	182
310	Granulomatous disease in common variable immunodeficiency. *Annals of Internal Medicine*, **1997**, 127, 613-7	8	179
309	Incidence of cancer in 98 patients with common varied immunodeficiency. *Journal of Clinical Immunology*, **1987**, 7, 294-9	5.7	175
308	The 2015 IUIS Phenotypic Classification for Primary Immunodeficiencies. *Journal of Clinical Immunology*, **2015**, 35, 727-38	5.7	160
307	Loss of B Cells in Patients with Heterozygous Mutations in IKAROS. *New England Journal of Medicine*, **2016**, 374, 1032-1043	59.2	159
306	Genetic Diagnosis Using Whole Exome Sequencing in Common Variable Immunodeficiency. *Frontiers in Immunology*, **2016**, 7, 220	8.4	158
305	ICOS deficiency in patients with common variable immunodeficiency. *Clinical Immunology*, **2004**, 113, 234-40	9	154

304	Efficacy of intravenous immunoglobulin in primary humoral immunodeficiency disease. *Annals of Internal Medicine*, **1984**, 101, 435-9	8	152
303	Intravenous immunoglobulin prophylaxis causing liver damage in 16 of 77 patients with hypogammaglobulinemia or IgG subclass deficiency. *American Journal of Medicine*, **1988**, 84, 107-11	2.4	150
302	Granulomatous disease in common variable immunodeficiency. *Clinical Immunology*, **2009**, 133, 198-207	9	147
301	Meta-analysis of shared genetic architecture across ten pediatric autoimmune diseases. *Nature Medicine*, **2015**, 21, 1018-27	50.5	143
300	Genome-wide association identifies diverse causes of common variable immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 1360-7.e6	11.5	143
299	Coronavirus disease 2019 in patients with inborn errors of immunity: An international study. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 520-531	11.5	142
298	NIH conference. New insights into common variable immunodeficiency. *Annals of Internal Medicine*, **1993**, 118, 720-30	8	140
297	Treatment and outcome of autoimmune hematologic disease in common variable immunodeficiency (CVID). *Journal of Autoimmunity*, **2005**, 25, 57-62	15.5	139
296	Transmembrane activator and calcium-modulating cyclophilin ligand interactor mutations in common variable immunodeficiency: clinical and immunologic outcomes in heterozygotes. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 1178-85	11.5	137
295	Inflammatory and autoimmune complications of common variable immune deficiency. *Autoimmunity Reviews*, **2006**, 5, 156-9	13.6	131
294	Autoimmunity in common variable immunodeficiency. *Current Allergy and Asthma Reports*, **2009**, 9, 347-52	3.6	129
293	Efficacy of intravenous immunoglobulin in the treatment of autoimmune hemolytic anemia: results in 73 patients. *American Journal of Hematology*, **1993**, 44, 237-42	7.1	123
292	Role for Msh5 in the regulation of Ig class switch recombination. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 7193-8	11.5	122
291	Molecular defects in T- and B-cell primary immunodeficiency diseases. *Nature Reviews Immunology*, **2005**, 5, 880-92	36.5	122
290	Milk precipitins, circulating immune complexes, and IgA deficiency. *Proceedings of the National Academy of Sciences of the United States of America*, **1978**, 75, 3387-9	11.5	118
289	Hematologic complications of primary immune deficiencies. *Blood Reviews*, **2002**, 16, 61-4	11.1	116
288	Bruton's tyrosine kinase is essential for human B cell tolerance. *Journal of Experimental Medicine*, **2004**, 200, 927-34	16.6	114
287	Mutations in activation-induced cytidine deaminase in patients with hyper IgM syndrome. *Clinical Immunology*, **2000**, 97, 203-10	9	114

286	A serological assay to detect SARS-CoV-2 seroconversion in humans **2020**,		112
285	Jakinibs for the treatment of immune dysregulation in patients with gain-of-function signal transducer and activator of transcription 1 (STAT1) or STAT3 mutations. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1665-1669	11.5	112
284	Utility of intravenous immune globulin in kidney transplantation: efficacy, safety, and cost implications. *American Journal of Transplantation*, **2003**, 3, 653-64	8.7	109
283	CVID-associated TACI mutations affect autoreactive B cell selection and activation. *Journal of Clinical Investigation*, **2013**, 123, 4283-93	15.9	109
282	Bovine antigens and the formation of circulating immune complexes in selective immunoglobulin A deficiency. *Journal of Clinical Investigation*, **1979**, 64, 272-9	15.9	107
281	Memory B cells in common variable immunodeficiency: clinical associations and sex differences. *Clinical Immunology*, **2008**, 128, 314-21	9	104
280	Autoimmune manifestations in common variable immunodeficiency. *Journal of Clinical Immunology*, **2008**, 28 Suppl 1, S42-5	5.7	104
279	Common variable immunodeficiency. *Current Allergy and Asthma Reports*, **2001**, 1, 421-9	5.6	104
278	Activation-induced cytidine deaminase (AID) is required for B-cell tolerance in humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 11554-9	11.5	102
277	IgA deficiency: clinical correlates and responses to pneumococcal vaccine. *Clinical Immunology*, **2004**, 111, 93-7	9	102
276	Recommendations for live viral and bacterial vaccines in immunodeficient patients and their close contacts. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 961-6	11.5	100
275	TLR9 activation is defective in common variable immune deficiency. *Journal of Immunology*, **2006**, 176, 1978-87	5.3	100
274	Circulating human B cells that express surrogate light chains and edited receptors. *Nature Immunology*, **2000**, 1, 207-13	19.1	100
273	CD40 ligand and MHC class II expression are essential for human peripheral B cell tolerance. *Journal of Experimental Medicine*, **2007**, 204, 1583-93	16.6	99
272	Efficacy and safety of rituximab in common variable immunodeficiency-associated immune cytopenias: a retrospective multicentre study on 33 patients. *British Journal of Haematology*, **2011**, 155, 498-508	4.5	98
271	Three distinct stages of B-cell defects in common varied immunodeficiency. *Proceedings of the National Academy of Sciences of the United States of America*, **1982**, 79, 6008-12	11.5	98
270	Characterization of immunologic defects in patients with common variable immunodeficiency (CVID) with intestinal disease. *Inflammatory Bowel Diseases*, **2011**, 17, 251-9	4.5	96
269	Cancer in primary immunodeficiency diseases: Cancer incidence in the United States Immune Deficiency Network Registry. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1028-1035	11.5	95

268	Immune competence and switched memory B cells in common variable immunodeficiency. *Clinical Immunology*, **2005**, 116, 37-41	9	94
267	Confirmation and improvement of criteria for clinical phenotyping in common variable immunodeficiency disorders in replicate cohorts. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 1197-1198.e9	11.5	93
266	Lymphomas of mucosal-associated lymphoid tissue in common variable immunodeficiency. *American Journal of Hematology*, **2002**, 69, 171-8	7.1	89
265	Immunoglobulin prophylaxis in patients with antibody deficiency syndromes and anti-IgA antibodies. *Journal of Clinical Immunology*, **1987**, 7, 8-15	5.7	89
264	Long-term outcomes of 176 patients with X-linked hyper-IgM syndrome treated with or without hematopoietic cell transplantation. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1282-1292	11.5	88
263	Insights into leukocyte adhesion deficiency type 2 from a novel mutation in the GDP-fucose transporter gene. *Blood*, **2003**, 101, 1705-12	2.2	86
262	Assessment and clinical interpretation of reduced IgG values. *Annals of Allergy, Asthma and Immunology*, **2007**, 99, 281-3	3.2	82
261	Interleukin-2 correction of defective in vitro T-cell mitogenesis in patients with common varied immunodeficiency. *Journal of Clinical Immunology*, **1984**, 4, 295-303	5.7	80
260	Newborn screening for SCID in New York State: experience from the first two years. *Journal of Clinical Immunology*, **2014**, 34, 289-303	5.7	79
259	Long-term use of IgA-depleted intravenous immunoglobulin in immunodeficient subjects with anti-IgA antibodies. *Journal of Clinical Immunology*, **1993**, 13, 272-8	5.7	79
258	Toll-like receptor 7 and 9 defects in common variable immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 349-56, 356.e1-3	11.5	78
257	2153 The plasma contact system and its role in common variable immunodeficiency (CVID): An explorative study. *Journal of Clinical and Translational Science*, **2018**, 2, 32-32	0.4	78
256	Microbiota regulate the ability of lung dendritic cells to induce IgA class-switch recombination and generate protective gastrointestinal immune responses. *Journal of Experimental Medicine*, **2016**, 213, 53-73	16.6	74
255	Non-Hodgkin lymphoma in common variable immunodeficiency. *American Journal of Hematology*, **1991**, 37, 69-74	7.1	72
254	The many faces of common variable immunodeficiency. *Hematology American Society of Hematology Education Program*, **2012**, 2012, 301-5	3.1	71
253	Autoimmunity and inflammation in X-linked agammaglobulinemia. *Journal of Clinical Immunology*, **2014**, 34, 627-32	5.7	70
252	Deficient IL-12 and dendritic cell function in common variable immune deficiency. *Clinical Immunology*, **2005**, 115, 147-53	9	69
251	Hyper IgM Syndrome: a Report from the USIDNET Registry. *Journal of Clinical Immunology*, **2016**, 36, 490-501	5.7	69

250	High serum levels of BAFF, APRIL, and TACI in common variable immunodeficiency. *Clinical Immunology*, **2007**, 124, 182-9	9	67
249	TACI mutations and impaired B-cell function in subjects with CVID and healthy heterozygotes. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 468-76	11.5	66
248	The Ever-Increasing Array of Novel Inborn Errors of Immunity: an Interim Update by the IUIS Committee. *Journal of Clinical Immunology*, **2021**, 41, 666-679	5.7	66
247	Intravenous treatment of autoimmune hemolytic anemia with very high dose gammaglobulin. *Vox Sanguinis*, **1986**, 51, 264-9	3.1	65
246	Pulmonary radiologic findings in common variable immunodeficiency: clinical and immunological correlations. *Annals of Allergy, Asthma and Immunology*, **2014**, 113, 452-9	3.2	60
245	Gastrointestinal Disorders Associated with Common Variable Immune Deficiency (CVID) and Chronic Granulomatous Disease (CGD). *Current Gastroenterology Reports*, **2016**, 18, 17	5	59
244	Immunodeficiencies. *Clinical and Experimental Immunology*, **2009**, 158 Suppl 1, 14-22	6.2	58
243	Pulmonary complications of common variable immunodeficiency. *Annals of Allergy, Asthma and Immunology*, **2007**, 98, 1-8; quiz 8-11, 43	3.2	58
242	A multicenter, randomized, double-blind, placebo-controlled trial of high-dose intravenous immunoglobulin for oral corticosteroid-dependent asthma. *Clinical Immunology*, **1999**, 91, 126-33	9	58
241	Zinc-induced activation of human B lymphocytes. *Clinical Immunology and Immunopathology*, **1980**, 16, 115-22		58
240	Memory B cells and pneumococcal antibody after splenectomy. *Journal of Immunology*, **2008**, 181, 3684-9	5.3	57
239	IgH sequences in common variable immune deficiency reveal altered B cell development and selection. *Science Translational Medicine*, **2015**, 7, 302ra135	17.5	56
238	Expansion of inflammatory innate lymphoid cells in patients with common variable immune deficiency. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 1206-1215.e6	11.5	56
237	The many faces of the clinical picture of common variable immune deficiency. *Current Opinion in Allergy and Clinical Immunology*, **2012**, 12, 595-601	3.3	55
236	Circulating thymic hormone activity in patients with primary and secondary immunodeficiency diseases. *American Journal of Medicine*, **1981**, 71, 385-94	2.4	55
235	Defective cellular immune response in vitro in common variable immunodeficiency. *Journal of Clinical Immunology*, **1981**, 1, 65-72	5.7	55
234	Regulation of immunoglobulin (Ig)E synthesis in the hyper-IgE syndrome. *Journal of Clinical Investigation*, **1990**, 85, 1666-71	15.9	55
233	Association of CLEC16A with human common variable immunodeficiency disorder and role in murine B cells. *Nature Communications*, **2015**, 6, 6804	17.4	53

232	Ruxolitinib partially reverses functional natural killer cell deficiency in patients with signal transducer and activator of transcription 1 (STAT1) gain-of-function mutations. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 2142-2155.e5	11.5	53
231	Interferon signature in the blood in inflammatory common variable immune deficiency. *PLoS ONE*, **2013**, 8, e74893	3.7	53
230	Autoimmunity in primary immune deficiency: taking lessons from our patients. *Clinical and Experimental Immunology*, **2011**, 164 Suppl 2, 6-11	6.2	52
229	Progressive neurodegeneration in patients with primary immunodeficiency disease on IVIG treatment. *Clinical Immunology*, **2002**, 102, 19-24	9	52
228	Outcome of intravenous immunoglobulin-transmitted hepatitis C virus infection in primary immunodeficiency. *Clinical Immunology*, **2001**, 101, 284-8	9	51
227	Autoimmune Cytopenias and Associated Conditions in CVID: a Report From the USIDNET Registry. *Journal of Clinical Immunology*, **2018**, 38, 28-34	5.7	50
226	Toll-like receptor signaling in primary immune deficiencies. *Annals of the New York Academy of Sciences*, **2015**, 1356, 1-21	6.5	49
225	Sensitization to Aspergillus species in the congenital neutrophil disorders chronic granulomatous disease and hyper-IgE syndrome. *Journal of Allergy and Clinical Immunology*, **1999**, 104, 1265-72	11.5	49
224	B lymphocyte antigen D8/17 and repetitive behaviors in autism. *American Journal of Psychiatry*, **1999**, 156, 317-20	11.9	49
223	Three patients with X-linked agammaglobulinemia hospitalized for COVID-19 improved with convalescent plasma. *Journal of Allergy and Clinical Immunology: in Practice*, **2020**, 8, 3594-3596.e3	5.4	49
222	Non-infectious Complications of Common Variable Immunodeficiency: Updated Clinical Spectrum, Sequelae, and Insights to Pathogenesis. *Frontiers in Immunology*, **2020**, 11, 149	8.4	48
221	Perspectives on common variable immune deficiency. *Annals of the New York Academy of Sciences*, **2011**, 1246, 41-9	6.5	48
220	Recognizing primary immune deficiency in clinical practice. *Vaccine Journal*, **2006**, 13, 329-32		48
219	Brief report: a pilot open clinical trial of intravenous immunoglobulin in childhood autism. *Journal of Autism and Developmental Disorders*, **1999**, 29, 157-60	4.6	48
218	Current genetic landscape in common variable immune deficiency. *Blood*, **2020**, 135, 656-667	2.2	48
217	Genetic sharing and heritability of paediatric age of onset autoimmune diseases. *Nature Communications*, **2015**, 6, 8442	17.4	46
216	High levels of Crohn's disease-associated anti-microbial antibodies are present and independent of colitis in chronic granulomatous disease. *Clinical Immunology*, **2011**, 138, 14-22	9	46
215	Thymoma and immunodeficiency (Good syndrome): a report of 2 unusual cases and review of the literature. *Annals of Allergy, Asthma and Immunology*, **2007**, 98, 185-90	3.2	46

214	Naturally occurring autologous anti-idiotypic antibodies. Participation in immune complex formation in selective IgA deficiency. *Journal of Experimental Medicine*, **1982**, 155, 711-9	16.6	46
213	Pulmonary cell populations in the immunosuppressed patient. Bronchoalveolar lavage findings during episodes of pneumonitis. *Chest*, **1985**, 88, 352-9	5.3	45
212	Common variable immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 1425-1426.e3	11.5	44
211	Treatment of idiopathic CD4 T lymphocytopenia with IL-2. *Clinical and Experimental Immunology*, **1999**, 116, 322-5	6.2	44
210	Autoimmunity in selective IgA deficiency: relationship to anti-bovine protein antibodies, circulating immune complexes and clinical disease. *Clinical and Experimental Immunology*, **1981**, 45, 299-304	6.2	44
209	Clinical outcomes and features of COVID-19 in patients with primary immunodeficiencies in New York City. *Journal of Allergy and Clinical Immunology: in Practice*, **2021**, 9, 490-493.e2	5.4	44
208	Tertiary lymphoid neogenesis is a component of pulmonary lymphoid hyperplasia in patients with common variable immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 535-42	11.5	43
207	Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation. *Clinical and Experimental Immunology*, **2000**, 120, 503-11	6.2	43
206	Long-term low-dose IL-2 enhances immune function in common variable immunodeficiency. *Clinical Immunology*, **2001**, 100, 181-90	9	43
205	Progression of Common Variable Immunodeficiency Interstitial Lung Disease Accompanies Distinct Pulmonary and Laboratory Findings. *Journal of Allergy and Clinical Immunology: in Practice*, **2015**, 3, 941-50	5.4	42
204	Primary Immune Deficiency Treatment Consortium (PIDTC) report. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 335-47	11.5	42
203	Autosomal Dominant Hyper-IgE Syndrome in the USIDNET Registry. *Journal of Allergy and Clinical Immunology: in Practice*, **2018**, 6, 996-1001	5.4	41
202	Oligoclonality, impaired class switch and B-cell memory responses in WHIM syndrome. *Clinical Immunology*, **2010**, 135, 412-21	9	40
201	Polyclonal immunoglobulin secretion in patients with common variable immunodeficiency using monoclonal B cell differentiation factors. *Journal of Clinical Investigation*, **1984**, 74, 2115-20	15.9	40
200	Patients with common variable immunodeficiency with autoimmune cytopenias exhibit hyperplastic yet inefficient germinal center responses. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 258-265	11.5	38
199	Toll-like receptor 4-, 7-, and 8-activated myeloid cells from patients with X-linked agammaglobulinemia produce enhanced inflammatory cytokines. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 184-90.e1-4	11.5	38
198	Common Variable Immunodeficiency Non-Infectious Disease Endotypes Redefined Using Unbiased Network Clustering in Large Electronic Datasets. *Frontiers in Immunology*, **2017**, 8, 1740	8.4	37
197	Food allergy in patients with primary immunodeficiency diseases: prevalence within the US Immunodeficiency Network (USIDNET). *Journal of Allergy and Clinical Immunology*, **2015**, 135, 273-5	11.5	37

196	An update on the use of immunoglobulin for the treatment of immunodeficiency disorders. *Immunotherapy*, **2014**, 6, 1113-26	3.8	37
195	Identifying undiagnosed primary immunodeficiency diseases in minority subjects by using computer sorting of diagnosis codes. *Journal of Allergy and Clinical Immunology*, **2004**, 113, 747-55	11.5	37
194	Characterization of the T cell receptor repertoire in patients with common variable immunodeficiency: oligoclonal expansion of CD8(+) T cells. *Clinical Immunology*, **2000**, 97, 248-58	9	37
193	IRAK-4 and MyD88 deficiencies impair IgM responses against T-independent bacterial antigens. *Blood*, **2014**, 124, 3561-71	2.2	36
192	Role of B cells in common variable immune deficiency. *Expert Review of Clinical Immunology*, **2009**, 5, 557-64	5.1	36
191	AIRE expression controls the peripheral selection of autoreactive B cells. *Science Immunology*, **2019**, 4,	28	35
190	Lymphoid proliferations of indeterminate malignant potential arising in adults with common variable immunodeficiency disorders: unusual case studies and immunohistological review in the light of possible causative events. *Journal of Clinical Immunology*, **2011**, 31, 784-91	5.7	35
189	T-cell activation defect in common variable immunodeficiency: restoration by phorbol myristate acetate (PMA) or allogeneic macrophages. *Clinical Immunology and Immunopathology*, **1987**, 44, 206-18		35
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187	Enhanced T cell apoptosis in common variable immunodeficiency: negative role of the fas/fasligand system and of the Bcl-2 family proteins and possible role of TNF-RS. *Clinical and Experimental Immunology*, **2001**, 125, 117-22	6.2	34
186	Brief report: enhanced humoral immunity in common variable immunodeficiency after long-term treatment with polyethylene glycol-conjugated interleukin-2. *New England Journal of Medicine*, **1994**, 331, 918-21	59.2	34
185	Dietary protein antigenemia in humoral immunodeficiency. Correlation with splenomegaly. *American Journal of Medicine*, **1984**, 76, 181-5	2.4	34
184	Decreased somatic hypermutation induces an impaired peripheral B cell tolerance checkpoint. *Journal of Clinical Investigation*, **2016**, 126, 4289-4302	15.9	34
183	Common variable immune deficiency: Dissection of the variable. *Immunological Reviews*, **2019**, 287, 145-161	12.3	34
182	TLR7- and TLR9-responsive human B cells share phenotypic and genetic characteristics. *Journal of Immunology*, **2015**, 194, 3035-44	5.3	33
181	Update on primary immunodeficiency: defects of lymphocytes. *Clinical Immunology*, **2003**, 109, 109-18	9	32
180	Biological activities of polyethylene-glycol immunoglobulin conjugates. Resistance to enzymatic degradation. *Journal of Immunological Methods*, **1992**, 152, 177-90	2.5	32
179	BAFF-driven B cell hyperplasia underlies lung disease in common variable immunodeficiency. *JCI Insight*, **2019**, 4,	9.9	32

178	Signaling lymphocytic activation molecule (SLAM)/SLAM-associated protein pathway regulates human B-cell tolerance. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1149-61	11.5	31
177	mTOR intersects antibody-inducing signals from TACI in marginal zone B cells. *Nature Communications*, **2017**, 8, 1462	17.4	31
176	Common variable immune deficiency: reviews, continued puzzles, and a new registry. *Immunologic Research*, **2007**, 38, 78-86	4.3	31
175	Delayed separation of the umbilical cord attributable to urachal anomalies. *Pediatrics*, **2001**, 108, 493-4	7.4	31
174	Differentiation of Common Variable Immunodeficiency From IgG Deficiency. *Journal of Allergy and Clinical Immunology: in Practice*, **2019**, 7, 1277-1284	5.4	30
173	Characterization of the clinical and immunologic phenotype and management of 157 individuals with 56 distinct heterozygous NFKB1 mutations. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 901-911	11.5	29
172	CD19 controls Toll-like receptor 9 responses in human B cells. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 889-98.e6	11.5	29
171	Osteoarticular infectious complications in patients with primary immunodeficiencies. *Current Opinion in Rheumatology*, **2008**, 20, 480-5	5.3	29
170	B-cell proliferation and differentiation in common variable immunodeficiency patients produced by an antisense oligomer to the rev gene of HIV-1. *Clinical Immunology and Immunopathology*, **1996**, 79, 115-21		29
169	Treatment of hypogammaglobulinemia in adults: a scoring system to guide decisions on immunoglobulin replacement. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 1699-701	11.5	28
168	Clonal and constricted T cell repertoire in Common Variable Immune Deficiency. *Clinical Immunology*, **2017**, 178, 1-9	9	27
167	Idiopathic CD4 lymphocytopenia: Pathogenesis, etiologies, clinical presentations and treatment strategies. *Annals of Allergy, Asthma and Immunology*, **2017**, 119, 374-378	3.2	27
166	TLR-mediated B cell defects and IFN-□n common variable immunodeficiency. *Journal of Clinical Immunology*, **2012**, 32, 50-60	5.7	27
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164	Restoration of immunoglobulin secretion in vitro in common variable immunodeficiency by in vivo treatment with polyethylene glycol-conjugated human recombinant interleukin-2. *Clinical Immunology and Immunopathology*, **1992**, 64, 46-56		27
163	Selective IgA deficiency and circulating immune complexes containing bovine proteins in a child with chronic graft versus host disease. *American Journal of Medicine*, **1979**, 67, 883-90	2.4	27
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161	Reactive half-cystine peptides of the secretory component of human exocrine immunoglobulin A. *Journal of Biological Chemistry*, **1975**, 250, 1987-91	5.4	27

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158	Isolation and characterization of a human mononuclear cell Fc receptor. *Immunochemistry*, **1978**, 15, 365-70		26
157	Blacklisting variants common in private cohorts but not in public databases optimizes human exome analysis. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 950-959	11.5	26
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