Lennart Hammarstrm

List of Publications by Citations

359 papers	19,679 citations	70 h-index	128 g-index
380 ext. papers	23,782 ext. citations	7.9 avg, IF	6.16 L-index

#	Paper	IF	Citations
359	The gene involved in X-linked agammaglobulinaemia is a member of the src family of protein-tyrosine kinases. *Nature*, **1993**, 361, 226-33	50.4	1216
358	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	1090
357	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	994
356	Helicobacter pylori SabA adhesin in persistent infection and chronic inflammation. *Science*, **2002**, 297, 573-8	33.3	696
355	Common variable immunodeficiency disorders: division into distinct clinical phenotypes. *Blood*, **2008**, 112, 277-86	2.2	537
354	Clinical spectrum of X-linked hyper-IgM syndrome. *Journal of Pediatrics*, **1997**, 131, 47-54	3.6	528
353	International Consensus Document (ICON): Common Variable Immunodeficiency Disorders. *Journal of Allergy and Clinical Immunology: in Practice*, **2016**, 4, 38-59	5.4	407
352	Primary immunodeficiency diseases: an update from the International Union of Immunological Societies Primary Immunodeficiency Diseases Classification Committee. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 776-94	11.5	362
351	Deleterious mutations in LRBA are associated with a syndrome of immune deficiency and autoimmunity. *American Journal of Human Genetics*, **2012**, 90, 986-1001	11	350
350	Interleukin 4 induces synthesis of IgE and IgG4 in human B cells. *European Journal of Immunology*, **1989**, 19, 1311-5	6.1	274
349	B-cell activating factor receptor deficiency is associated with an adult-onset antibody deficiency syndrome in humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 13945-50	11.5	271
348	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
347	Carbohydrate-dependent inhibition of Helicobacter pylori colonization using porcine milk. *Glycobiology*, **2006**, 16, 1-10	5.8	256
346	Clustering of missense mutations in the ataxia-telangiectasia gene in a sporadic T-cell leukaemia. *Nature Genetics*, **1997**, 17, 96-9	36.3	234
345	Human TYK2 deficiency: Mycobacterial and viral infections without hyper-IgE syndrome. *Journal of Experimental Medicine*, **2015**, 212, 1641-62	16.6	209
344	Mapping of multiple susceptibility variants within the MHC region for 7 immune-mediated diseases. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 18680-5	11.5	204
343	Relevance of biallelic versus monoallelic TNFRSF13B mutations in distinguishing disease-causing from risk-increasing TNFRSF13B variants in antibody deficiency syndromes. *Blood*, **2009**, 113, 1967-76	2.2	199

342	Cloning of cDNA for human T-cell replacing factor (interleukin-5) and comparison with the murine homologue. *Nucleic Acids Research*, **1986**, 14, 9149-58	20.1	192
341	Reexamining the role of TACI coding variants in common variable immunodeficiency and selective IgA deficiency. *Nature Genetics*, **2007**, 39, 429-30	36.3	182
340	Both Lewis and secretor status mediate susceptibility to rotavirus infections in a rotavirus genotype-dependent manner. *Clinical Infectious Diseases*, **2014**, 59, 1567-73	11.6	155
339	ICOS deficiency in patients with common variable immunodeficiency. *Clinical Immunology*, **2004**, 113, 234-40	9	154
338	In situ delivery of passive immunity by lactobacilli producing single-chain antibodies. *Nature Biotechnology*, **2002**, 20, 702-6	44.5	153
337	Ribosomal protein SA haploinsufficiency in humans with isolated congenital asplenia. *Science*, **2013**, 340, 976-8	33.3	145
336	Neonatal screening for severe primary immunodeficiency diseases using high-throughput triplex real-time PCR. *Blood*, **2012**, 119, 2552-5	2.2	143
335	Spectrum of Phenotypes Associated with Mutations in LRBA. *Journal of Clinical Immunology*, **2016**, 36, 33-45	5.7	134
334	Selective IgA deficiency in autoimmune diseases. *Molecular Medicine*, **2011**, 17, 1383-96	6.2	132
333	Deep sequencing of the MHC region in the Chinese population contributes to studies of complex disease. *Nature Genetics*, **2016**, 48, 740-6	36.3	129
332	Selective IgA deficiency in early life: association to infections and allergic diseases during childhood. *Clinical Immunology*, **2009**, 133, 78-85	9	125
331	Association of IFIH1 and other autoimmunity risk alleles with selective IgA deficiency. *Nature Genetics*, **2010**, 42, 777-80	36.3	122
330	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
329	Impact of DNA ligase IV on nonhomologous end joining pathways during class switch recombination in human cells. *Journal of Experimental Medicine*, **2005**, 201, 189-94	16.6	119
328	Lactobacilli expressing variable domain of llama heavy-chain antibody fragments (lactobodies) confer protection against rotavirus-induced diarrhea. *Journal of Infectious Diseases*, **2006**, 194, 1580-8	7	117
327	Lactobacillus paracasei strain ST11 has no effect on rotavirus but ameliorates the outcome of nonrotavirus diarrhea in children from Bangladesh. *Pediatrics*, **2005**, 116, e221-8	7.4	117
326	Risk for myasthenia gravis maps to a (151) Pro->Ala change in TNIP1 and to human leukocyte antigen-B*08. *Annals of Neurology*, **2012**, 72, 927-35	9.4	112
325	Combined immunodeficiency and Epstein-Barr virus-induced B cell malignancy in humans with inherited CD70 deficiency. *Journal of Experimental Medicine*, **2017**, 214, 91-106	16.6	111

324	X-linked agammaglobulinemia and other immunoglobulin deficiencies. *Immunological Reviews*, **1994**, 138, 159-83	11.3	109
323	Environmental and genetic factors in the development of anticitrullinated protein antibodies (ACPAs) and ACPA-positive rheumatoid arthritis: an epidemiological investigation in twins. *Annals of the Rheumatic Diseases*, **2015**, 74, 375-80	2.4	105
322	TGF-beta 1 induces germ-line transcripts of both IgA subclasses in human B lymphocytes. *International Immunology*, **1991**, 3, 1099-106	4.9	105
321	Progression of selective IgA deficiency to common variable immunodeficiency. *International Archives of Allergy and Immunology*, **2008**, 147, 87-92	3.7	102
320	Fine mapping of IGAD1 in IgA deficiency and common variable immunodeficiency: identification and characterization of haplotypes shared by affected members of 101 multiple-case families. *Journal of Immunology*, **2000**, 164, 4408-16	5.3	102
319	Different amino acids at position 57 of the HLA-DQ beta chain associated with susceptibility and resistance to IgA deficiency. *Nature*, **1990**, 347, 289-90	50.4	99
318	Genetic linkage of IgA deficiency to the major histocompatibility complex: evidence for allele segregation distortion, parent-of-origin penetrance differences, and the role of anti-IgA antibodies in disease predisposition. *American Journal of Human Genetics*, **1999**, 64, 1096-109	11	98
317	Identification of IgF, a hinge-region-containing Ig class, and IgD in Xenopus tropicalis. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 12087-92	11.5	97
316	Alternative end joining during switch recombination in patients with ataxia-telangiectasia. *European Journal of Immunology*, **2002**, 32, 1300-8	6.1	95
315	Myasthenia gravis after bone-marrow transplantation. Evidence for a donor origin. *New England Journal of Medicine*, **1983**, 309, 1565-8	59.2	95
314	Autoantibodies neutralizing type I IFNs are present in 4% of uninfected individuals over 70 years old and account for 20% of COVID-19 deaths. *Science Immunology*, **2021**, 6,	28	91
313	Novel mutations in TNFRSF7/CD27: Clinical, immunologic, and genetic characterization of human CD27 deficiency. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 703-712.e10	11.5	90
312	Family and linkage study of selective IgA deficiency and common variable immunodeficiency. *Clinical Immunology and Immunopathology*, **1995**, 77, 185-92		89
311	Disease Evolution and Response to Rapamycin in Activated Phosphoinositide 3-Kinase δ Syndrome: The European Society for Immunodeficiencies-Activated Phosphoinositide 3-Kinase δ Syndrome Registry. *Frontiers in Immunology*, **2018**, 9, 543	8.4	88
310	AID from bony fish catalyzes class switch recombination. *Journal of Experimental Medicine*, **2005**, 202, 733-8	16.6	88
309	Molecular basis of IgG subclass deficiency. *Immunological Reviews*, **2000**, 178, 99-110	11.3	88
308	Tuberculosis and impaired IL-23-dependent IFN-γ immunity in humans homozygous for a common missense variant. *Science Immunology*, **2018**, 3,	28	88
307	Randomized, placebo-controlled, clinical trial of hyperimmunized chicken egg yolk immunoglobulin in children with rotavirus diarrhea. *Journal of Pediatric Gastroenterology and Nutrition*, **2001**, 32, 19-25	2.8	87

306	Fine-scale mapping at IGAD1 and genome-wide genetic linkage analysis implicate HLA-DQ/DR as a major susceptibility locus in selective IgA deficiency and common variable immunodeficiency. *Journal of Immunology*, **2003**, 170, 2765-75	5.3	84
305	Artiodactyl IgD: the missing link. *Journal of Immunology*, **2002**, 169, 4408-16	5.3	84
304	Cloning and characterization of the bovine MHC class I-like Fc receptor. *Journal of Immunology*, **2000**, 164, 1889-97	5.3	84
303	Immunoglobulin production in severe combined immunodeficient (SCID) mice reconstituted with human peripheral blood mononuclear cells. *European Journal of Immunology*, **1992**, 22, 823-8	6.1	83
302	Assessment of the cPAS-based BGISEQ-500 platform for metagenomic sequencing. *GigaScience*, **2018**, 7, 1-8	7.6	82
301	A phenotypic approach for IUIS PID classification and diagnosis: guidelines for clinicians at the bedside. *Journal of Clinical Immunology*, **2013**, 33, 1078-87	5.7	79
300	ATM is not required in somatic hypermutation of VH, but is involved in the introduction of mutations in the switch mu region. *Journal of Immunology*, **2003**, 170, 3707-16	5.3	79
299	Induction of autoantibodies to red blood cells by polyclonal B-cell activators. *Nature*, **1976**, 263, 60-1	50.4	79
298	Association between IgA deficiency & other autoimmune conditions: a population-based matched cohort study. *Journal of Clinical Immunology*, **2014**, 34, 444-51	5.7	77
297	Newborn Screening for Primary Immunodeficiency Diseases: History, Current and Future Practice. *Journal of Clinical Immunology*, **2018**, 38, 56-66	5.7	75
296	Interleukin-21 restores immunoglobulin production ex vivo in patients with common variable immunodeficiency and selective IgA deficiency. *Blood*, **2009**, 114, 4089-98	2.2	74
295	Persistence of SARS-CoV-2-specific B and T cell responses in convalescent COVID-19 patients 6-8 months after the infection. *Med*, **2021**, 2, 281-295.e4	31.7	74
294	Newborn Screening for Severe Primary Immunodeficiency Diseases in Sweden-a 2-Year Pilot TREC and KREC Screening Study. *Journal of Clinical Immunology*, **2017**, 37, 51-60	5.7	72
293	A hypomorphic recombination-activating gene 1 (RAG1) mutation resulting in a phenotype resembling common variable immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 1375-1380	11.5	72
292	Serum microarrays for large scale screening of protein levels. *Molecular and Cellular Proteomics*, **2005**, 4, 1942-7	7.6	72
291	RAC2 loss-of-function mutation in 2 siblings with characteristics of common variable immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 1380-4.e1-5	11.5	71
290	Redistribution of the sheep neonatal Fc receptor in the mammary gland around the time of parturition in ewes and its localization in the small intestine of neonatal lambs. *Immunology*, **2002**, 107, 288-96	7.8	71
289	Novel and recurrent STAT3 mutations in hyper-IgE syndrome patients from different ethnic groups. *Molecular Immunology*, **2008**, 46, 202-6	4.3	70

288	Quantification of deleting recombination excision circles in Guthrie cards for the identification of early B-cell maturation defects. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 223-225.e2	11.5	69
287	Class switch recombination: a comparison between mouse and human. *Advances in Immunology*, **2007**, 93, 1-61	5.6	69
286	European population genetic substructure: further definition of ancestry informative markers for distinguishing among diverse European ethnic groups. *Molecular Medicine*, **2009**, 15, 371-83	6.2	68
285	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. *Science Immunology*, **2021**, 6,	28	67
284	Structural Insights into Polymorphic ABO Glycan Binding by Helicobacter pylori. *Cell Host and Microbe*, **2016**, 19, 55-66	23.4	65
283	Lifelong treatment with gammaglobulin for primary antibody deficiencies: the patientsL experiences of subcutaneous self-infusions and home therapy. *Journal of Advanced Nursing*, **1995**, 21, 917-27	3.1	65
282	Clinical implications of systematic phenotyping and exome sequencing in patients with primary antibody deficiency. *Genetics in Medicine*, **2019**, 21, 243-251	8.1	64
281	Long-term outcome of LRBA deficiency in 76 patients after various treatment modalities as evaluated by the immune deficiency and dysregulation activity (IDDA) score. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 1452-1463	11.5	61
280	Rice-based oral antibody fragment prophylaxis and therapy against rotavirus infection. *Journal of Clinical Investigation*, **2013**, 123, 3829-38	15.9	60
279	Structure of TGF-beta 1-induced human immunoglobulin C alpha 1 and C alpha 2 germ-line transcripts. *International Immunology*, **1991**, 3, 1107-15	4.9	60
278	Effects of some immunosuppressive procedures on myasthenia gravis. *Annals of the New York Academy of Sciences*, **1976**, 274, 659-76	6.5	60
277	Identification and characterisation of vaginal lactobacilli from South African women. *BMC Infectious Diseases*, **2013**, 13, 43	4	59
276	Expression of IgM, IgD, and IgY in a reptile, Anolis carolinensis. *Journal of Immunology*, **2009**, 183, 3858-64	5.3	59
275	IgA deficiency: what is new?. *Current Opinion in Allergy and Clinical Immunology*, **2012**, 12, 602-8	3.3	57
274	Ornithorhynchus anatinus (platypus) links the evolution of immunoglobulin genes in eutherian mammals and nonmammalian tetrapods. *Journal of Immunology*, **2009**, 183, 3285-93	5.3	57
273	Hepatitis C virus transmission by intravenous immunoglobulin. *Journal of Hepatology*, **1994**, 21, 455-60	13.4	57
272	Fourth Update on the Iranian National Registry of Primary Immunodeficiencies: Integration of Molecular Diagnosis. *Journal of Clinical Immunology*, **2018**, 38, 816-832	5.7	57
271	Clinical, immunologic, and genetic spectrum of 696 patients with combined immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1450-1458	11.5	56

270	Enzyme-linked immunosorbent assay for subclass distribution of human IgG and IgA antigen-specific antibodies. *Journal of Immunological Methods*, **1985**, 78, 109-21	2.5	56
269	The case for mandatory newborn screening for severe combined immunodeficiency (SCID). *Journal of Clinical Immunology*, **2014**, 34, 393-7	5.7	54
268	Antibody deficiency diseases. *European Journal of Immunology*, **2008**, 38, 327-33	6.1	54
267	Identification of Btk mutations in 20 unrelated patients with X-linked agammaglobulinaemia (XLA). *Human Molecular Genetics*, **1995**, 4, 693-700	5.6	54
266	Association of CLEC16A with human common variable immunodeficiency disorder and role in murine B cells. *Nature Communications*, **2015**, 6, 6804	17.4	53
265	Alteration of the N-glycome of bovine milk glycoproteins during early lactation. *FEBS Journal*, **2011**, 278, 3769-81	5.7	52
264	Deconstructing common variable immunodeficiency by genetic analysis. *Current Opinion in Genetics and Development*, **2007**, 17, 201-12	4.9	52
263	Does 77C-->G in PTPRC modify autoimmune disorders linked to the major histocompatibility locus?. *Nature Genetics*, **2001**, 29, 22-3	36.3	51
262	Clinical and molecular analysis of patients with defects in heavy chain gene. *Journal of Clinical Investigation*, **2002**, 110, 1029-1035	15.9	51
261	Impact of SARS-CoV-2 Pandemic on Patients with Primary Immunodeficiency. *Journal of Clinical Immunology*, **2021**, 41, 345-355	5.7	51
260	FcRn mediates elongated serum half-life of human IgG in cattle. *International Immunology*, **2006**, 18, 525-36	4.9	50
259	Common variants at PVT1, ATG13-AMBRA1, AHI1 and CLEC16A are associated with selective IgA deficiency. *Nature Genetics*, **2016**, 48, 1425-1429	36.3	50
258	Clinical, immunologic, molecular analyses and outcomes of iranian patients with LRBA deficiency: A longitudinal study. *Pediatric Allergy and Immunology*, **2017**, 28, 478-484	4.2	48
257	Current genetic landscape in common variable immune deficiency. *Blood*, **2020**, 135, 656-667	2.2	48
256	DCLRE1C (ARTEMIS) mutations causing phenotypes ranging from atypical severe combined immunodeficiency to mere antibody deficiency. *Human Molecular Genetics*, **2015**, 24, 7361-72	5.6	46
255	Next Generation Sequencing Data Analysis in Primary Immunodeficiency Disorders - Future Directions. *Journal of Clinical Immunology*, **2016**, 36 Suppl 1, 68-75	5.7	46
254	A common single nucleotide polymorphism impairs B-cell activating factor receptorIs multimerization, contributing to common variable immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1222-5	11.5	46
253	High-density SNP mapping of the HLA region identifies multiple independent susceptibility loci associated with selective IgA deficiency. *PLoS Genetics*, **2012**, 8, e1002476	6	46

252	Vaginal colonisation by probiotic lactobacilli and clinical outcome in women conventionally treated for bacterial vaginosis and yeast infection. *BMC Infectious Diseases*, **2015**, 15, 255	4	45
251	Transfer of IgA deficiency to a bone-marrow-grafted patient with aplastic anaemia. *Lancet, The*, **1985**, 1, 778-81	40	44
250	Guidelines for newborn screening of primary immunodeficiency diseases. *Current Opinion in Hematology*, **2013**, 20, 48-54	3.3	43
249	Familial aggregation of IgAD and autoimmunity. *Clinical Immunology*, **2009**, 131, 233-9	9	43
248	IgA deficiency and the MHC: assessment of relative risk and microheterogeneity within the HLA A1 B8, DR3 (8.1) haplotype. *Journal of Clinical Immunology*, **2010**, 30, 138-43	5.7	43
247	Over-expression of the bovine FcRn in the mammary gland results in increased IgG levels in both milk and serum of transgenic mice. *Immunology*, **2007**, 122, 401-8	7.8	43
246	The porcine Ig delta gene: unique chimeric splicing of the first constant region domain in its heavy chain transcripts. *Journal of Immunology*, **2003**, 171, 1312-8	5.3	43
245	Physical mapping of the bovine immunoglobulin heavy chain constant region gene locus. *Journal of Biological Chemistry*, **2003**, 278, 35024-32	5.4	43
244	Clinical and laboratory findings in hyper-IgM syndrome with novel CD40L and AICDA mutations. *Journal of Clinical Immunology*, **2009**, 29, 769-76	5.7	42
243	Integrative expression system for delivery of antibody fragments by lactobacilli. *Applied and Environmental Microbiology*, **2011**, 77, 2174-9	4.8	42
242	Linkage of autosomal-dominant common variable immunodeficiency to chromosome 4q. *European Journal of Human Genetics*, **2006**, 14, 867-75	5.3	42
241	Polyclonal B-cell activators induce immunological response to autologous serum proteins. *Cellular Immunology*, **1977**, 34, 367-75	4.4	42
240	Unique DNA repair gene variations and potential associations with the primary antibody deficiency syndromes IgAD and CVID. *PLoS ONE*, **2010**, 5, e12260	3.7	42
239	Genome-wide analysis in German shepherd dogs reveals association of a locus on CFA 27 with atopic dermatitis. *PLoS Genetics*, **2013**, 9, e1003475	6	41
238	Identification of the activation-induced cytidine deaminase gene from zebrafish: an evolutionary analysis. *Developmental and Comparative Immunology*, **2005**, 29, 61-71	3.2	41
237	Novel mutations in TACI (TNFRSF13B) causing common variable immunodeficiency. *Journal of Clinical Immunology*, **2009**, 29, 777-85	5.7	40
236	Systemic and topical immunoglobulin treatment in immunocompromised patients. *Immunological Reviews*, **1994**, 139, 43-70	11.3	40
235	Genome-Wide Association Study of Late-Onset Myasthenia Gravis: Confirmation of and Identification of and Three Distinct HLA Associations. *Molecular Medicine*, **2016**, 21, 769-781	6.2	39

234	Extended antimicrobial treatment of bacterial vaginosis combined with human lactobacilli to find the best treatment and minimize the risk of relapses. *BMC Infectious Diseases*, **2011**, 11, 223	4	38
233	Preventive effect of IgG from EBV-seropositive donors on the development of human lympho-proliferative disease in SCID mice. *International Journal of Cancer*, **1997**, 71, 624-9	7.5	38
232	Isolation of cosmid and cDNA clones in the region surrounding the BTK gene at Xq21.3-q22. *Genomics*, **1994**, 21, 517-24	4.3	38
231	Immunological tolerance affects only a subpopulation of the antigen-specific B lymphocytes: evidence against clonal deletion as the mechanism of tolerance induction. *Immunological Reviews*, **1979**, 43, 3-41	11.3	37
230	Treatment of severe forms of LPS-responsive beige-like anchor protein deficiency with allogeneic hematopoietic stem cell transplantation. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 770-775.e1	11.5	36
229	PTPN22 R620W promotes production of anti-AChR autoantibodies and IL-2 in myasthenia gravis. *Journal of Neuroimmunology*, **2008**, 197, 110-3	3.5	36
228	Lactobacilli producing bispecific llama-derived anti-rotavirus proteins in vivo for rotavirus-induced diarrhea. *Future Microbiology*, **2011**, 6, 583-93	2.9	35
227	Screening and evaluation of human intestinal lactobacilli for the development of novel gastrointestinal probiotics. *Current Microbiology*, **2010**, 61, 560-6	2.4	35
226	Polymorphism of the IGHG3 gene in cattle. *Immunogenetics*, **1997**, 46, 326-31	3.2	35
225	Disparate roles of ATR and ATM in immunoglobulin class switch recombination and somatic hypermutation. *Journal of Experimental Medicine*, **2006**, 203, 99-110	16.6	35
224	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. *Frontiers in Immunology*, **2018**, 9, 908	8.4	34
223	Newborn screening for primary immunodeficiencies: beyond SCID and XLA. *Annals of the New York Academy of Sciences*, **2011**, 1246, 118-30	6.5	34
222	Humoral immunity in scid mice reconstituted with cells from immunoglobulin-deficient or normal humans. *Immunological Reviews*, **1991**, 124, 113-38	11.3	34
221	Small for gestational age and risk of childhood mortality: A Swedish population study. *PLoS Medicine*, **2018**, 15, e1002717	11.6	33
220	Extended clinical and immunological phenotype and transplant outcome in CD27 and CD70 deficiency. *Blood*, **2020**, 136, 2638-2655	2.2	32
219	Extensive diversification of IgD-, IgY-, and truncated IgY(Δc)-encoding genes in the red-eared turtle (Trachemys scripta elegans). *Journal of Immunology*, **2012**, 189, 3995-4004	5.3	32
218	Risk of Infections Among 2100 Individuals with IgA Deficiency: a Nationwide Cohort Study. *Journal of Clinical Immunology*, **2016**, 36, 134-40	5.7	31
217	A regulatory role for the cohesin loader NIPBL in nonhomologous end joining during immunoglobulin class switch recombination. *Journal of Experimental Medicine*, **2013**, 210, 2503-13	16.6	31

216	Short tandem repeat (STR) haplotypes in HLA: an integrated 50-kb STR/linkage disequilibrium/gene map between the RING3 and HLA-B genes and identification of STR haplotype diversification in the class III region. *European Journal of Human Genetics*, **2001**, 9, 590-8	5.3	30
215	IgA deficiency and risk of cancer: a population-based matched cohort study. *Journal of Clinical Immunology*, **2015**, 35, 182-8	5.7	29
214	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
213	Genomic organization of the immunoglobulin light chain gene loci in Xenopus tropicalis: evolutionary implications. *Developmental and Comparative Immunology*, **2008**, 32, 156-65	3.2	29
212	Therapeutic effect of llama derived VHH fragments against Streptococcus mutans on the development of dental caries. *Applied Microbiology and Biotechnology*, **2006**, 72, 732-7	5.7	29
211	Global systematic review of primary immunodeficiency registries. *Expert Review of Clinical Immunology*, **2020**, 16, 717-732	5.1	29
210	Comparison of Common Monogenic Defects in a Large Predominantly Antibody Deficiency Cohort. *Journal of Allergy and Clinical Immunology: in Practice*, **2019**, 7, 864-878.e9	5.4	29
209	Neutralization of Clostridium difficile Toxin B Mediated by Engineered Lactobacilli That Produce Single-Domain Antibodies. *Infection and Immunity*, **2016**, 84, 395-406	3.7	28
208	Extensive diversification of IgH subclass-encoding genes and IgM subclass switching in crocodilians. *Nature Communications*, **2013**, 4, 1337	17.4	28
207	Mutation pattern in the BrutonIs tyrosine kinase gene in 26 unrelated patients with X-linked agammaglobulinemia. *Human Mutation*, **1997**, 9, 418-25	4.7	28
206	Analysis of families with common variable immunodeficiency (CVID) and IgA deficiency suggests linkage of CVID to chromosome 16q. *Human Genetics*, **2006**, 118, 725-9	6.3	28
205	Phylogeny, genomic organization and expression of lambda and kappa immunoglobulin light chain genes in a reptile, Anolis carolinensis. *Developmental and Comparative Immunology*, **2010**, 34, 579-89	3.2	27
204	Regulation of the promoter for human immunoglobulin gamma3 germ-line transcription and its interaction with the 3lalpha enhancer. *European Journal of Immunology*, **2000**, 30, 1019-29	6.1	27
203	Retrospective analysis of TREC based newborn screening results and clinical phenotypes in infants with the 22q11 deletion syndrome. *Journal of Clinical Immunology*, **2014**, 34, 514-9	5.7	26
202	The neonatal Fc receptor (FcRn) is expressed in the bovine lung. *Veterinary Immunology and Immunopathology*, **2004**, 98, 85-9	2	26
201	Regulation of germline promoters by the two human Ig heavy chain 3Lalpha enhancers. *Journal of Immunology*, **2000**, 164, 6380-6	5.3	26
200	Duplications and deletions of the human IGHC locus: evolutionary implications. *Immunogenetics*, **1996**, 45, 136-41	3.2	26
199	Analysis of immunoglobulin transcripts in the ostrich Struthio camelus, a primitive avian species. *PLoS ONE*, **2012**, 7, e34346	3.7	25

198	Autologous T lymphocytes recognize the tumour-derived immunoglobulin VH-CDR3 region in patients with B-cell chronic lymphocytic leukaemia. *British Journal of Haematology*, **2000**, 111, 230-8	4.5	25
197	Intranasally administered immunoglobulin for the prevention of rhinitis in children. *Pediatric Infectious Disease Journal*, **1998**, 17, 367-72	3.4	25
196	The immunoglobulin gene in jawed vertebrates: a comparative overview. *Developmental and Comparative Immunology*, **2011**, 35, 975-81	3.2	24
195	Localization of the sheep FcRn in the mammary gland. *Veterinary Immunology and Immunopathology*, **2002**, 87, 327-30	2	24
194	Oral conditions in individuals with selective immunoglobulin A deficiency and common variable immunodeficiency. *Journal of Periodontology*, **1992**, 63, 984-9	4.6	24
193	DNA-PKcs Is Involved in Ig Class Switch Recombination in Human B Cells. *Journal of Immunology*, **2015**, 195, 5608-15	5.3	23
192	Monogenic mutations associated with IgA deficiency. *Expert Review of Clinical Immunology*, **2016**, 12, 1321-1335	5.1	23
191	Association of elevated rotavirus-specific antibody titers with HBGA secretor status in Swedish individuals: The FUT2 gene as a putative susceptibility determinant for infection. *Virus Research*, **2016**, 211, 64-8	6.4	23
190	Serological assessment for celiac disease in IgA deficient adults. *PLoS ONE*, **2014**, 9, e93180	3.7	23
189	Novel mutation of the activation-induced cytidine deaminase gene in a Tajik family: special review on hyper-immunoglobulin M syndrome. *Expert Review of Clinical Immunology*, **2012**, 8, 539-46	5.1	23
188	Human genetic and immunological determinants of critical COVID-19 pneumonia.. *Nature*, **2022**,	50.4	23
187	An Exopolysaccharide-Deficient Mutant of Lactobacillus rhamnosus GG Efficiently Displays a Protective Llama Antibody Fragment against Rotavirus on Its Surface. *Applied and Environmental Microbiology*, **2015**, 81, 5784-93	4.8	22
186	Concomitant autoimmunity in myasthenia gravis--lack of association with IgA deficiency. *Journal of Neuroimmunology*, **2011**, 236, 118-22	3.5	22
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