Lennart Hammarstrm

List of Publications by Year in Descending Order

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	Human genetic and immunological determinants of critical COVID-19 pneumonia.. *Nature*, **2022**,	50.4	23
358	Long-Term Follow-Up of Newborns with 22q11 Deletion Syndrome and Low TRECs.. *Journal of Clinical Immunology*, **2022**, 1	5.7	1
357	Inherited IFNAR1 Deficiency in a Child with Both Critical COVID-19 Pneumonia and Multisystem Inflammatory Syndrome.. *Journal of Clinical Immunology*, **2022**, 1	5.7	4
356	Immunity to SARS-CoV-2 up to 15 months after infection.. *IScience*, **2022**, 25, 103743	6.1	15
355	Human serum from SARS-CoV-2-vaccinated and COVID-19 patients shows reduced binding to the RBD of SARS-CoV-2 Omicron variant.. *BMC Medicine*, **2022**, 20, 102	11.4	6
354	Association of Short-term Air Pollution Exposure With SARS-CoV-2 Infection Among Young Adults in Sweden.. *JAMA Network Open*, **2022**, 5, e228109	10.4	2
353	Heterologous immunization with inactivated vaccine followed by mRNA-booster elicits strong immunity against SARS-CoV-2 Omicron variant.. *Nature Communications*, **2022**, 13, 2670	17.4	8
352	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2200413119	11.5	3
351	X-Linked TLR7 Deficiency Underlies Critical COVID-19 Pneumonia in a Male Patient with Ataxia-Telangiectasia. *Journal of Clinical Immunology*, **2021**, 42, 1	5.7	7
350	T Cell Repertoire Abnormality in Immunodeficiency Patients with DNA Repair and Methylation Defects. *Journal of Clinical Immunology*, **2021**, 1	5.7	1
349	SARS-CoV-2-specific B- and T-cell immunity in a population-based study of young Swedish adults. *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	4
348	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
347	Activation-induced deaminase is critical for the establishment of DNA methylation patterns prior to the germinal center reaction. *Nucleic Acids Research*, **2021**, 49, 5057-5073	20.1	1
346	Gut Microbiota Perturbation in IgA Deficiency Is Influenced by IgA-Autoantibody Status. *Gastroenterology*, **2021**, 160, 2423-2434.e5	13.3	11
345	Next-Generation Sequencing Identifies Extended HLA Class I and II Haplotypes Associated With Early-Onset and Late-Onset Myasthenia Gravis in Italian, Norwegian, and Swedish Populations. *Frontiers in Immunology*, **2021**, 12, 667336	8.4	1
344	Impact of SARS-CoV-2 Pandemic on Patients with Primary Immunodeficiency. *Journal of Clinical Immunology*, **2021**, 41, 345-355	5.7	51
343	An appraisal of the Wilson & Jungner criteria in the context of genomic-based newborn screening for inborn errors of immunity. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 428-438	11.5	3

342	Somatic reversion of pathogenic DOCK8 variants alters lymphocyte differentiation and function to effectively cure DOCK8 deficiency. *Journal of Clinical Investigation*, **2021**, 131,	15.9	12
341	Known and potential molecules associated with altered B cell development leading to predominantly antibody deficiencies. *Pediatric Allergy and Immunology*, **2021**, 32, 1601-1615	4.2	4
340	Hallmarks of Cancers: Primary Antibody Deficiency Other Inborn Errors of Immunity. *Frontiers in Immunology*, **2021**, 12, 720025	8.4	3
339	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
338	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. *Science Immunology*, **2021**, 6,	28	67
337	Antibody therapy for COVID-19. *Current Opinion in Allergy and Clinical Immunology*, **2021**, 21, 553-558	3.3	3
336	Predominantly antibody deficiencies **2021**, 93-123		
335	Management of inborn errors of immunity **2021**, 345-361		
334	Investigating the Variation of TREC/KREC in Combined Immunodeficiencies. *Iranian Journal of Allergy, Asthma and Immunology*, **2021**, 20, 402-412	1.1	
333	and Genes are Associated With Selective IgA Deficiency.. *Frontiers in Genetics*, **2021**, 12, 736235	4.5	0
332	A Heterodimeric Antibody Fragment for Passive Immunotherapy Against Norovirus Infection. *Journal of Infectious Diseases*, **2020**, 222, 470-478	7	2
331	Clinical implications of experimental analyses of AID function on predictive computational tools: Challenge of missense variants. *Clinical Genetics*, **2020**, 97, 844-856	4	
330	Extended clinical and immunological phenotype and transplant outcome in CD27 and CD70 deficiency. *Blood*, **2020**, 136, 2638-2655	2.2	32
329	Histocompatibility Complex Status and Mendelian Randomization Analysis in Unsolved Antibody Deficiency. *Frontiers in Immunology*, **2020**, 11, 14	8.4	3
328	Defective formation of IgA memory B cells, Th1 and Th17 cells in symptomatic patients with selective IgA deficiency. *Clinical and Translational Immunology*, **2020**, 9, e1130	6.8	5
327	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
326	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
325	The Immunoglobulins: New Insights, Implications, and Applications. *Annual Review of Animal Biosciences*, **2020**, 8, 145-169	13.7	21

324	Expanding Clinical Phenotype and Novel Insights into the Pathogenesis of ICOS Deficiency. *Journal of Clinical Immunology*, **2020**, 40, 277-288	5.7	13
323	Global systematic review of primary immunodeficiency registries. *Expert Review of Clinical Immunology*, **2020**, 16, 717-732	5.1	29
322	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	994
321	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	1090
320	Current genetic landscape in common variable immune deficiency. *Blood*, **2020**, 135, 656-667	2.2	48
319	Newborn Screening for Presymptomatic Diagnosis of Complement and Phagocyte Deficiencies. *Frontiers in Immunology*, **2020**, 11, 455	8.4	12
318	Compound Heterozygous Mutations of IL2-Inducible T cell Kinase in a Swedish Patient: the Importance of Early Genetic Diagnosis. *Journal of Clinical Immunology*, **2019**, 39, 131-134	5.7	5
317	Clinical implications of systematic phenotyping and exome sequencing in patients with primary antibody deficiency. *Genetics in Medicine*, **2019**, 21, 243-251	8.1	64
316	Inducible Plasmid Self-Destruction (IPSD) Assisted Genome Engineering in Lactobacilli and Bifidobacteria. *ACS Synthetic Biology*, **2019**, 8, 1723-1729	5.7	12
315	Generation of human induced pluripotent stem cell lines from patients with selective IgA deficiency. *Stem Cell Research*, **2019**, 41, 101613	1.6	
314	Selective IgA Deficiency. *Rare Diseases of the Immune System*, **2019**, 201-215	0.2	
313	Monozygotic Twins Concordant for Common Variable Immunodeficiency: Strikingly Similar Clinical and Immune Profile Associated With a Polygenic Burden. *Frontiers in Immunology*, **2019**, 10, 2503	8.4	1
312	Fucosyltransferase Gene Polymorphisms and Lewisb-Negative Status Are Frequent in Swedish Newborns, With Implications for Infectious Disease Susceptibility and Personalized Medicine. *Journal of the Pediatric Infectious Diseases Society*, **2019**, 8, 507-518	4.8	6
311	hypomorphic mutation: identification of a novel pathogenic mutation in exon 8 and a review of the literature. *Allergy, Asthma and Clinical Immunology*, **2019**, 15, 2	3.2	19
310	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
309	Assessment of the cPAS-based BGISEQ-500 platform for metagenomic sequencing. *GigaScience*, **2018**, 7, 1-8	7.6	82
308	Study of an extended family with CTLA-4 deficiency suggests a CD28/CTLA-4 independent mechanism responsible for differences in disease manifestations and severity. *Clinical Immunology*, **2018**, 188, 94-102	9	11
307	Predictive markers for humoral influenza vaccine response in patients with common variable immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1922-1931.e2	11.5	15

306	Polyautoimmunity in Patients with LPS-Responsive Beige-Like Anchor (LRBA) Deficiency. *Immunological Investigations*, **2018**, 47, 457-467	2.9	13
305	Kappa-deleting recombination excision circle levels remain low or undetectable throughout life in patients with X-linked agammaglobulinemia. *Pediatric Allergy and Immunology*, **2018**, 29, 453-456	4.2	4
304	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
303	Clinical, immunologic, and genetic spectrum of 696 patients with combined immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1450-1458	11.5	56
302	Novel genetic loci associated HLA-B*08:01 positive myasthenia gravis. *Journal of Autoimmunity*, **2018**, 88, 43-49	15.5	14
301	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
300	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. *Frontiers in Immunology*, **2018**, 9, 908	8.4	34
299	Defective TLR9-driven STAT3 activation in B cells of patients with CVID. *Clinical Immunology*, **2018**, 197, 40-44	9	3
298	Newborn Screening for Primary Immunodeficiency Diseases: History, Current and Future Practice. *Journal of Clinical Immunology*, **2018**, 38, 56-66	5.7	75
297	Reduced immunoglobulin gene diversity in patients with Cornelia de Lange syndrome. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 408-411.e8	11.5	4
296	Small for gestational age and risk of childhood mortality: A Swedish population study. *PLoS Medicine*, **2018**, 15, e1002717	11.6	33
295	Tuberculosis and impaired IL-23-dependent IFN-γ immunity in humans homozygous for a common missense variant. *Science Immunology*, **2018**, 3,	28	88
294	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
293	Targeted next-generation sequencing for genetic diagnosis of 160 patients with primary immunodeficiency in south China. *Pediatric Allergy and Immunology*, **2018**, 29, 863-872	4.2	4
292	Newborn screening using TREC/KREC assay for severe T and B cell lymphopenia in Iran. *Scandinavian Journal of Immunology*, **2018**, 88, e12699	3.4	19
291	NEIL1 is a candidate gene associated with common variable immunodeficiency in a patient with a chromosome 15q24 deletion. *Clinical Immunology*, **2017**, 176, 71-76	9	4
290	Human Sera Collected between 1979 and 2010 Possess Blocking-Antibody Titers to Pandemic GII.4 Noroviruses Isolated over Three Decades. *Journal of Virology*, **2017**, 91,	6.6	5
289	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

288	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
287	Costs associated with treatment of severe combined immunodeficiency-rationale for newborn screening in Sweden. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1713-1716.e6	11.5	8
286	Predominantly Antibody Deficiencies **2017**, 183-244		2
285	Lactobacillus delivery of bioactive interleukin-22. *Microbial Cell Factories*, **2017**, 16, 148	6.4	10
284	Characterization and complete genome sequences of L. rhamnosus DSM 14870 and L. gasseri DSM 14869 contained in the EcoVag probiotic vaginal capsules. *Microbiological Research*, **2017**, 205, 88-98	5.3	15
283	Autoantibodies against BAFF, APRIL or IL21 - an alternative pathogenesis for antibody-deficiencies?. *BMC Immunology*, **2017**, 18, 34	3.7	7
282	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
281	Heterozygosity for transmembrane activator and calcium modulator ligand interactor A144E causes haploinsufficiency and pneumococcal susceptibility in mice. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1293-1301.e4	11.5	10
280	Newborn Screening for Primary Immune Deficiencies with a TREC/KREC/ACTB Triplex Assay□A Three-Year Pilot Study in Sweden. *International Journal of Neonatal Screening*, **2017**, 3, 11	2.6	8
279	Newborn Screening for Primary Immunodeficiency Diseases: The Past, the Present and the Future. *International Journal of Neonatal Screening*, **2017**, 3, 19	2.6	9
278	Surge of immune cell formation at birth differs by mode of delivery and infant characteristics-A population-based cohort study. *PLoS ONE*, **2017**, 12, e0184748	3.7	16
277	Fusion of the mouse IgG1 Fc domain to the VHH fragment (ARP1) enhances protection in a mouse model of rotavirus. *Scientific Reports*, **2016**, 6, 30171	4.9	12
276	Monogenic mutations associated with IgA deficiency. *Expert Review of Clinical Immunology*, **2016**, 12, 1321-1335	5.1	23
275	Multiple IgH Isotypes Including IgD, Subclasses of IgM, and IgY Are Expressed in the Common Ancestors of Modern Birds. *Journal of Immunology*, **2016**, 196, 5138-47	5.3	21
274	International Consensus Document (ICON): Common Variable Immunodeficiency Disorders. *Journal of Allergy and Clinical Immunology: in Practice*, **2016**, 4, 38-59	5.4	407
273	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
272	Next Generation Sequencing Data Analysis in Primary Immunodeficiency Disorders - Future Directions. *Journal of Clinical Immunology*, **2016**, 36 Suppl 1, 68-75	5.7	46
271	Structural Insights into Polymorphic ABO Glycan Binding by Helicobacter pylori. *Cell Host and Microbe*, **2016**, 19, 55-66	23.4	65

270	Risk of Infections Among 2100 Individuals with IgA Deficiency: a Nationwide Cohort Study. *Journal of Clinical Immunology*, **2016**, 36, 134-40	5.7	31
269	Cohort of Iranian Patients with Congenital Agammaglobulinemia: Mutation Analysis and Novel Gene Defects. *Expert Review of Clinical Immunology*, **2016**, 12, 479-86	5.1	18
268	Evaluation of Known Defective Signaling-Associated Molecules in Patients Who Primarily Diagnosed as Common Variable Immunodeficiency. *International Reviews of Immunology*, **2016**, 35, 7-24	4.6	17
267	Spectrum of Phenotypes Associated with Mutations in LRBA. *Journal of Clinical Immunology*, **2016**, 36, 33-45	5.7	134
266	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
265	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
264	Oral Delivery of Pentameric Glucagon-Like Peptide-1 by Recombinant Lactobacillus in Diabetic Rats. *PLoS ONE*, **2016**, 11, e0162733	3.7	15
263	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
262	Internal Duplications of DH, JH, and C Region Genes Create an Unusual IgH Gene Locus in Cattle. *Journal of Immunology*, **2016**, 196, 4358-66	5.3	20
261	Common variants at PVT1, ATG13-AMBRA1, AHI1 and CLEC16A are associated with selective IgA deficiency. *Nature Genetics*, **2016**, 48, 1425-1429	36.3	50
260	IgA deficiency and risk of cancer: a population-based matched cohort study. *Journal of Clinical Immunology*, **2015**, 35, 182-8	5.7	29
259	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
258	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
257	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
256	Association of CLEC16A with human common variable immunodeficiency disorder and role in murine B cells. *Nature Communications*, **2015**, 6, 6804	17.4	53
255	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
254	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
253	Human TYK2 deficiency: Mycobacterial and viral infections without hyper-IgE syndrome. *Journal of Experimental Medicine*, **2015**, 212, 1641-62	16.6	209

252	Different brands of intravenous immunoglobulin for primary immunodeficiencies: how to choose the best option for the patient?. *Expert Review of Clinical Immunology*, **2015**, 11, 1229-43	5.1	19
251	DNA-PKcs Is Involved in Ig Class Switch Recombination in Human B Cells. *Journal of Immunology*, **2015**, 195, 5608-15	5.3	23
250	Heat differentiated complement factor profiling. *Journal of Proteomics*, **2015**, 126, 155-62	3.9	9
249	Reversal of Immunoglobulin A Deficiency in Children. *Journal of Clinical Immunology*, **2015**, 35, 87-91	5.7	9
248	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
247	Passive Immunization **2015**, 1403-1434		9
246	IgA Deficiency and Other Immunodeficiencies Causing Mucosal Immunity Dysfunction **2015**, 1441-1459		
245	IgA deficiency in wolves from Canada and Scandinavia. *Developmental and Comparative Immunology* , **2015**, 50, 26-8	3.2	2
244	Important differences in the diagnostic spectrum of primary immunodeficiency in adults versus children. *Expert Review of Clinical Immunology*, **2015**, 11, 289-302	5.1	15
243	Genome-Wide Analyses Suggest Mechanisms Involving Early B-Cell Development in Canine IgA Deficiency. *PLoS ONE*, **2015**, 10, e0133844	3.7	12
242	A New IL-2RG Gene Mutation in an X-linked SCID Identified through TREC/KREC Screening: a Case Report. *Iranian Journal of Allergy, Asthma and Immunology*, **2015**, 14, 457-61	1.1	5
241	IgA measurements in over 12 000 Swedish twins reveal sex differential heritability and regulatory locus near CD30L. *Human Molecular Genetics*, **2014**, 23, 4177-84	5.6	9
240	Association between IgA deficiency & other autoimmune conditions: a population-based matched cohort study. *Journal of Clinical Immunology*, **2014**, 34, 444-51	5.7	77
239	Reduced BAFF-R and increased TACI expression in common variable immunodeficiency. *Journal of Clinical Immunology*, **2014**, 34, 573-83	5.7	15
238	Impact of Down syndrome on the performance of neonatal screening assays for severe primary immunodeficiency diseases. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1208-11	11.5	19
237	Engineered Lactobacillus rhamnosus GG expressing IgG-binding domains of protein G: Capture of hyperimmune bovine colostrum antibodies and protection against diarrhea in a mouse pup rotavirus infection model. *Vaccine*, **2014**, 32, 470-7	4.1	14
236	Caucasian origin of disease associated HLA haplotypes in chinese blood donors with IgA deficiency. *Journal of Clinical Immunology*, **2014**, 34, 157-62	5.7	9
235	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

234	Novel NLRP12 mutations associated with intestinal amyloidosis in a patient diagnosed with common variable immunodeficiency. *Clinical Immunology*, **2014**, 154, 105-11	9	21
233	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
232	Newborn screening for severe T and B cell lymphopenia identifies a fraction of patients with Wiskott-Aldrich syndrome. *Clinical Immunology*, **2014**, 155, 74-78	9	14
231	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
230	Normalized immunoglobulin patterns in adults with recurrent acute otitis media and low IgG2 levels during early childhood. *International Journal of Pediatric Otorhinolaryngology*, **2014**, 78, 1153-7	1.7	4
229	Combined newborn screening for familial hemophagocytic lymphohistiocytosis and severe T- and B-cell immunodeficiencies. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 226-8	11.5	14
228	The case for mandatory newborn screening for severe combined immunodeficiency (SCID). *Journal of Clinical Immunology*, **2014**, 34, 393-7	5.7	54
227	The dog as a genetic model for immunoglobulin A (IgA) deficiency: identification of several breeds with low serum IgA concentrations. *Veterinary Immunology and Immunopathology*, **2014**, 160, 255-9	2	21
226	Serological assessment for celiac disease in IgA deficient adults. *PLoS ONE*, **2014**, 9, e93180	3.7	23
225	Co-expression of anti-rotavirus proteins (llama VHH antibody fragments) in Lactobacillus: development and functionality of vectors containing two expression cassettes in tandem. *PLoS ONE*, **2014**, 9, e96409	3.7	19
224	Molecular diagnosis of primary immunodeficiency diseases in a developing country: Iran as an example. *Expert Review of Clinical Immunology*, **2014**, 10, 385-96	5.1	14
223	IgA deficiency, autoimmunity & pregnancy: a population-based matched cohort study. *Journal of Clinical Immunology*, **2014**, 34, 853-63	5.7	2
222	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
221	Long-term evaluation of a historical cohort of Iranian common variable immunodeficiency patients. *Expert Review of Clinical Immunology*, **2014**, 10, 1405-17	5.1	16
220	Mutations in toll-like receptor 3 are associated with elevated levels of rotavirus-specific IgG antibodies in IgA-deficient but not IgA-sufficient individuals. *Vaccine Journal*, **2014**, 21, 298-301		5
219	Identification and characterisation of vaginal lactobacilli from South African women. *BMC Infectious Diseases*, **2013**, 13, 43	4	59
218	New facets of antibody deficiencies. *Current Opinion in Immunology*, **2013**, 25, 629-38	7.8	18
217	Extensive diversification of IgH subclass-encoding genes and IgM subclass switching in crocodilians. *Nature Communications*, **2013**, 4, 1337	17.4	28

216	IgA deficiency in wolves. *Developmental and Comparative Immunology*, **2013**, 40, 180-4	3.2	3
215	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
214	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
213	Guidelines for newborn screening of primary immunodeficiency diseases. *Current Opinion in Hematology*, **2013**, 20, 48-54	3.3	43
212	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
211	Ribosomal protein SA haploinsufficiency in humans with isolated congenital asplenia. *Science*, **2013**, 340, 976-8	33.3	145
210	NFB induces overexpression of bovine FcRn: a novel mechanism that further contributes to the enhanced immune response in genetically modified animals carrying extra copies of FcRn. *MAbs*, **2013**, 5, 860-71	6.6	13
209	Rice-based oral antibody fragment prophylaxis and therapy against rotavirus infection. *Journal of Clinical Investigation*, **2013**, 123, 3829-38	15.9	60
208	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
207	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
206	Placental transfer of maternally-derived IgA precludes the use of guthrie card eluates as a screening tool for primary immunodeficiency diseases. *PLoS ONE*, **2012**, 7, e43419	3.7	19
205	Neonatal screening for severe primary immunodeficiency diseases using high-throughput triplex real-time PCR. *Blood*, **2012**, 119, 2552-5	2.2	143
204	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
203	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
202	Extensive diversification of IgD-, IgY-, and truncated IgY(Fc)-encoding genes in the red-eared turtle (Trachemys scripta elegans). *Journal of Immunology*, **2012**, 189, 3995-4004	5.3	32
201	Evidence of IgY subclass diversification in snakes: evolutionary implications. *Journal of Immunology*, **2012**, 189, 3557-65	5.3	20
200	IgA deficiency: what is new?. *Current Opinion in Allergy and Clinical Immunology*, **2012**, 12, 602-8	3.3	57
199	Analysis of immunoglobulin transcripts in the ostrich Struthio camelus, a primitive avian species. *PLoS ONE*, **2012**, 7, e34346	3.7	25

198	The gene involved in X-linked agammaglobulinaemia is a member of the Src family of protein-tyrosine kinases. 1993. *Journal of Immunology*, **2012**, 188, 2948-55	5.3	10
197	Quantification of δ-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
196	Lactobacilli producing bispecific llama-derived anti-rotavirus proteins in vivo for rotavirus-induced diarrhea. *Future Microbiology*, **2011**, 6, 583-93	2.9	35
195	The immunoglobulin λ gene in jawed vertebrates: a comparative overview. *Developmental and Comparative Immunology*, **2011**, 35, 975-81	3.2	24
194	Association of immunoglobulin A deficiency and elevated thyrotropin-receptor autoantibodies in two Nordic countries. *Human Immunology*, **2011**, 72, 166-72	2.3	18
193	Selective IgA deficiency in autoimmune diseases. *Molecular Medicine*, **2011**, 17, 1383-96	6.2	132
192	Alteration of the N-glycome of bovine milk glycoproteins during early lactation. *FEBS Journal*, **2011**, 278, 3769-81	5.7	52
191	Newborn screening for primary immunodeficiencies: beyond SCID and XLA. *Annals of the New York Academy of Sciences*, **2011**, 1246, 118-30	6.5	34
190	Concomitant autoimmunity in myasthenia gravis--lack of association with IgA deficiency. *Journal of Neuroimmunology*, **2011**, 236, 118-22	3.5	22
189	In situ gastrointestinal protection against anthrax edema toxin by single-chain antibody fragment producing lactobacilli. *BMC Biotechnology*, **2011**, 11, 126	3.5	21
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6	Immunological unresponsiveness of self-recognizing B lymphocytes to the PBA property of a soluble T cell factor. *Cellular Immunology*, **1978**, 41, 320-9	4.4	9
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2	Induction of autoantibodies to red blood cells by polyclonal B-cell activators. *Nature*, **1976**, 263, 60-1	50.4	79
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