Lennart HammarstrÃ¶m

List of Publications by Year
in descending order

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372	26,770	6613	8396
papers	citations	79 h-index	147 g-index

380	380	380	25804
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,983
2	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,749
3	The gene involved in X-linked agammaglobulinaemia is a member of the src family of protein-tyrosine kinases. Nature, 1993, 361, 226-233.	27.8	1,400
4	Helicobacter pylori SabA Adhesin in Persistent Infection and Chronic Inflammation. Science, 2002, 297, 573-578.	12.6	802
5	Common variable immunodeficiency disorders: division into distinct clinical phenotypes. Blood, 2008, 112, 277-286.	1.4	709
6	International Consensus Document (ICON): Common Variable Immunodeficiency Disorders. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 38-59.	3.8	669
7	Clinical spectrum of X-linked hyper-IgM syndrome. Journal of Pediatrics, 1997, 131, 47-54.	1.8	604
8	Deleterious Mutations in LRBA Are Associated with a Syndrome of Immune Deficiency and Autoimmunity. American Journal of Human Genetics, 2012, 90, 986-1001.	6.2	452
9	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, 776-794.	2.9	446
10	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, .	11.9	357
11	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, 13945-13950.	7.1	332
12	Journal Info Home About the Journal Editorial Board Archive Research Topics View Some Authors Review Guidelines Subscribe to Alerts Search Article Type Publication Date ..... Go Author Info Why Submit? Fees Article Types Author Guidelines Submission Checklist Contact Editorial Office Submit Manuscript Review ARTICLE Abstract Full Text PDF 0 Write a Comment Primary immunodeficiency diseases: an update on the classification from the International Union of Immunological Societies Expert Committee for Primary. Frontiers in Immunology, 2011, 2, 54.	4.8	294
13	Interleukin 4 induces synthesis of IgE and IgG4 in human B cells. European Journal of Immunology, 1989, 19, 1311-1315.	2.9	293
14	Human TYK2 deficiency: Mycobacterial and viral infections without hyper-IgE syndrome. Journal of Experimental Medicine, 2015, 212, 1641-1662.	8.5	293
15	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. Science Immunology, 2021, 6, .	11.9	267
16	Carbohydrate-dependent inhibition of Helicobacter pylori colonization using porcine milk. Glycobiology, 2006, 16, 1-10.	2.5	264
17	Clustering of missense mutations in the ataxia-telanglectasia gene in a sporadic T-cell leukaemia. Nature Genetics, 1997, 17, 96-99.	21.4	257
18	Relevance of biallelic versus monoallelic TNFRSF13B mutations in distinguishing disease-causing from risk-increasing TNFRSF13B variants in antibody deficiency syndromes. Blood, 2009, 113, 1967-1976.	1.4	254

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19	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, 18680-18685.	7.1	231
20	Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598.	27.8	216
21	Cloning of cDNA for human T-cell replacing factor (interieukin-5) and comparison with the murine homologue. Nucleic Acids Research, 1986, 14, 9149-9158.	14.5	212
22	Reexamining the role of TACI coding variants in common variable immunodeficiency and selective IgA deficiency. Nature Genetics, 2007, 39, 429-430.	21.4	210
23	Both Lewis and Secretor Status Mediate Susceptibility to Rotavirus Infections in a Rotavirus Genotypeâ€“Dependent Manner. Clinical Infectious Diseases, 2014, 59, 1567-1573.	5.8	192
24	Deep sequencing of the MHC region in the Chinese population contributes to studies of complex disease. Nature Genetics, 2016, 48, 740-746.	21.4	188
25	Neonatal screening for severe primary immunodeficiency diseases using high-throughput triplex real-time PCR. Blood, 2012, 119, 2552-2555.	1.4	183
26	Spectrum of Phenotypes Associated with Mutations in LRBA. Journal of Clinical Immunology, 2016, 36, 33-45.	3.8	180
27	Ribosomal Protein SA Haploinsufficiency in Humans with Isolated Congenital Asplenia. Science, 2013, 340, 976-978.	12.6	176
28	ICOS deficiency in patients with common variable immunodeficiency. Clinical Immunology, 2004, 113, 234-240.	3.2	175
29	Assessment of the cPAS-based BGISEQ-500 platform for metagenomic sequencing. GigaScience, 2018, 7, 1-8.	6.4	168
30	In situ delivery of passive immunity by lactobacilli producing single-chain antibodies. Nature Biotechnology, 2002, 20, 702-706.	17.5	166
31	Selective IgA Deficiency in Autoimmune Diseases. Molecular Medicine, 2011, 17, 1383-1396.	4.4	159
32	Persistence of SARS-CoV-2-specific B and TÂcell responses in convalescent COVID-19 patients 6â€“8Âmonths after the infection. Med, 2021, 2, 281-295.e4.	4.4	153
33	Tuberculosis and impaired IL-23â€“dependent IFN-Î³ immunity in humans homozygous for a common TYK2 missense variant. Science Immunology, 2018, 3, .	11.9	148
34	Selective IgA deficiency in early life: Association to infections and allergic diseases during childhood. Clinical Immunology, 2009, 133, 78-85.	3.2	147
35	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, 7193-7198.	7.1	142
36	Progression of Selective IgA Deficiency to Common Variable Immunodeficiency. International Archives of Allergy and Immunology, 2008, 147, 87-92.	2.1	138

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37	Risk for myasthenia gravis maps to a ¹⁵¹Proâ†'Ala change in TNIP1 and to human leukocyte antigenâ€B*08. Annals of Neurology, 2012, 72, 927-935.	5.3	137
38	Disease Evolution and Response to Rapamycin in Activated Phosphoinositide 3-Kinase Î´ Syndrome: The European Society for Immunodeficiencies-Activated Phosphoinositide 3-Kinase Î´ Syndrome Registry. Frontiers in Immunology, 2018, 9, 543.	4.8	137
39	Lactobacillus paracasei Strain ST11 Has No Effect on Rotavirus but Ameliorates the Outcome of Nonrotavirus Diarrhea in Children From Bangladesh. Pediatrics, 2005, 116, e221-e228.	2.1	135
40	Association of IFIH1 and other autoimmunity risk alleles with selective IgA deficiency. Nature Genetics, 2010, 42, 777-780.	21.4	134
41	Combined immunodeficiency and Epstein-Barr virusâ€"induced B cell malignancy in humans with inherited CD70 deficiency. Journal of Experimental Medicine, 2017, 214, 91-106.	8.5	134
42	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, 375-380.	0.9	132
43	Impact of DNA ligase IV on nonhomologous end joining pathways during class switch recombination in human cells. Journal of Experimental Medicine, 2005, 201, 189-194.	8.5	131
44	Lactobacilli Expressing Variable Domain of Llama Heavyâ€Chain Antibody Fragments (Lactobodies) Confer Protection against Rotavirusâ€Induced Diarrhea. Journal of Infectious Diseases, 2006, 194, 1580-1588.	4.0	130
45	Newborn Screening for Severe Primary Immunodeficiency Diseases in Swedenâ€"a 2-Year Pilot TREC and KREC Screening Study. Journal of Clinical Immunology, 2017, 37, 51-60.	3.8	123
46	X-Linked Agammaglobulinemia and Other Immunoglobulin Deficiencies. Immunological Reviews, 1994, 138, 159-183.	6.0	120
47	TGF-Î²1 induces germ-line transcripts of both IgA subclasses in human B lymphocytes. International Immunology, 1991, 3, 1099-1106.	4.0	117
48	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, 1096-1109.	6.2	117
49	Fine Mapping ofIGAD1in 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, 4408-4416.	0.8	114
50	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.	2.9	112
51	Newborn Screening for Primary Immunodeficiency Diseases: History, Current and Future Practice. Journal of Clinical Immunology, 2018, 38, 56-66.	3.8	111
52	Myasthenia Gravis after Bone-Marrow Transplantation. New England Journal of Medicine, 1983, 309, 1565-1568.	27.0	110
53	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.	7.1	110
54	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.	2.9	109

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55	Current genetic landscape in common variable immune deficiency. Blood, 2020, 135, 656-667.	1.4	109
56	Heterologous immunization with inactivated vaccine followed by mRNA-booster elicits strong immunity against SARS-CoV-2 Omicron variant. Nature Communications, 2022, 13, 2670.	12.8	108
57	Family and Linkage Study of Selective IgA Deficiency and Common Variable Immunodeficiency. Clinical Immunology and Immunopathology, 1995, 77, 185-192.	2.0	107
58	Alternative end joining during switch recombination in patients with Ataxia-Telangiectasia. European Journal of Immunology, 2002, 32, 1300.	2.9	106
59	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.	1.8	104
60	Different amino acids at position 57 of the HLA-DQÎ² chain associated with susceptibility and resistance to IgA deficiency. Nature, 1990, 347, 289-290.	27.8	103
61	A Phenotypic Approach for IUIS PID Classification and Diagnosis: Guidelines for Clinicians at the Bedside. Journal of Clinical Immunology, 2013, 33, 1078-1087.	3.8	103
62	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, 12087-12092.	7.1	102
63	Molecular basis of IgG subclass deficiency. Immunological Reviews, 2000, 178, 99-110.	6.0	101
64	AID from bony fish catalyzes class switch recombination. Journal of Experimental Medicine, 2005, 202, 733-738.	8.5	100
65	Interleukin-21 restores immunoglobulin production ex vivo in patients with common variable immunodeficiency and selective IgA deficiency. Blood, 2009, 114, 4089-4098.	1.4	100
66	Association Between IgA Deficiency & Other Autoimmune Conditions: A Population-Based Matched Cohort Study. Journal of Clinical Immunology, 2014, 34, 444-451.	3.8	100
67	Impact of SARS-CoV-2 Pandemic on Patients with Primary Immunodeficiency. Journal of Clinical Immunology, 2021, 41, 345-355.	3.8	97
68	Immunoglobulin production in severe combined immunodeficient (SCID) mice reconstituted with human peripheral blood mononuclear cells. European Journal of Immunology, 1992, 22, 823-828.	2.9	93
69	Fine-Scale Mapping atIGAD1and Genome-Wide Genetic Linkage Analysis ImplicateHLA-DQ/DRas a Major Susceptibility Locus in Selective IgA Deficiency and Common Variable Immunodeficiency. Journal of Immunology, 2003, 170, 2765-2775.	0.8	91
70	Quantification of Îº-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.	2.9	91
71	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.	2.9	91
72	Clinical, immunologic, and genetic spectrum of 696 patients with combined immunodeficiency. Journal of Allergy and Clinical Immunology, 2018, 141, 1450-1458.	2.9	90

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73	Artiodactyl IgD: The Missing Link. Journal of Immunology, 2002, 169, 4408-4416.	0.8	89
74	RAC2 loss-of-function mutation in 2 siblings with characteristics of common variable immunodeficiency. Journal of Allergy and Clinical Immunology, 2015, 135, 1380-1384.e5.	2.9	89
75	Structural Insights into Polymorphic ABO Glycan Binding by Helicobacter pylori. Cell Host and Microbe, 2016, 19, 55-66.	11.0	88
76	Induction of autoantibodies to red blood cells by polyclonal B-cell activators. Nature, 1976, 263, 60-61.	27.8	87
77	Cloning and Characterization of the Bovine MHC Class I-Like Fc Receptor. Journal of Immunology, 2000, 164, 1889-1897.	0.8	87
78	Class Switch Recombination: A Comparison Between Mouse and Human. Advances in Immunology, 2007, 93, 1-61.	2.2	87
79	ATM Is Not Required in Somatic Hypermutation of VH, but Is Involved in the Introduction of Mutations in the Switch Î¼ Region. Journal of Immunology, 2003, 170, 3707-3716.	0.8	86
80	Fourth Update on the Iranian National Registry of Primary Immunodeficiencies: Integration of Molecular Diagnosis. Journal of Clinical Immunology, 2018, 38, 816-832.	3.8	86
81	Clinical implications of systematic phenotyping and exome sequencing in patients with primary antibody deficiency. Genetics in Medicine, 2019, 21, 243-251.	2.4	86
82	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, 288-296.	4.4	84
83	Novel and recurrent STAT3 mutations in hyper-IgE syndrome patients from different ethnic groups. Molecular Immunology, 2008, 46, 202-206.	2.2	82
84	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.	2.9	78
85	European Population Genetic Substructure: Further Definition of Ancestry Informative Markers for Distinguishing among Diverse European Ethnic Groups. Molecular Medicine, 2009, 15, 371-383.	4.4	77
86	Serum Microarrays for Large Scale Screening of Protein Levels. Molecular and Cellular Proteomics, 2005, 4, 1942-1947.	3.8	76
87	Lifelong treatment with gammaglobulin for primary antibody deficiencies: the patients' experiences of subcutaneous selfâ€infusions and home therapy. Journal of Advanced Nursing, 1995, 21, 917-927.	3.3	75
88	IgA deficiency. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 602-608.	2.3	75
89	Global systematic review of primary immunodeficiency registries. Expert Review of Clinical Immunology, 2020, 16, 717-732.	3.0	74
90	Rice-based oral antibody fragment prophylaxis and therapy against rotavirus infection. Journal of Clinical Investigation, 2013, 123, 3829-3838.	8.2	73

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91	DCLRE1C (ARTEMIS) mutations causing phenotypes ranging from atypical severe combined immunodeficiency to mere antibody deficiency. Human Molecular Genetics, 2015, 24, 7361-7372.	2.9	72
92	Small for gestational age and risk of childhood mortality: A Swedish population study. PLoS Medicine, 2018, 15, e1002717.	8.4	70
93	Hepatitis C virus transmission by intravenous immunoglobulin. Journal of Hepatology, 1994, 21, 455-460.	3.7	69
94	Identification and characterisation of vaginal lactobacilli from South African women. BMC Infectious Diseases, 2013, 13, 43.	2.9	68
95	EFFECTS OF SOME IMMUNOSUPPRESSIVE PROCEDURES ON MYASTHENIA GRAVIS*. Annals of the New York Academy of Sciences, 1976, 274, 659-676.	3.8	67
96	Common variants at PVT1, ATG13â€“AMBRA1, AHI1 and CLEC16A are associated with selective IgA deficiency. Nature Genetics, 2016, 48, 1425-1429.	21.4	67
97	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.	5.5	67
98	Vaginal colonisation by probiotic lactobacilli and clinical outcome in women conventionally treated for bacterial vaginosis and yeast infection. BMC Infectious Diseases, 2015, 15, 255.	2.9	66
99	Clinical, immunologic, molecular analyses and outcomes of iranian patients with <scp>LRBA</scp> deficiency: A longitudinal study. Pediatric Allergy and Immunology, 2017, 28, 478-484.	2.6	65
100	Expression of IgM, IgD, and IgY in a Reptile, Anolis carolinensis. Journal of Immunology, 2009, 183, 3858-3864.	0.8	64
101	Extended clinical and immunological phenotype and transplant outcome in CD27 and CD70 deficiency. Blood, 2020, 136, 2638-2655.	1.4	64
102	Structure of TGF-Î²1-induced human immunoglobulin CÎ±1 and CÎ±2 germ-line transcripts. International Immunology, 1991, 3, 1107-1115.	4.0	63
103	Antibody deficiency diseases. European Journal of Immunology, 2008, 38, 327-333.	2.9	63
104	Association of CLEC16A with human common variable immunodeficiency disorder and role in murine B cells. Nature Communications, 2015, 6, 6804.	12.8	63
105	Next Generation Sequencing Data Analysis in Primary Immunodeficiency Disorders â€“ Future Directions. Journal of Clinical Immunology, 2016, 36, 68-75.	3.8	63
106	The Case for Mandatory Newborn Screening for Severe Combined Immunodeficiency (SCID). Journal of Clinical Immunology, 2014, 34, 393-397.	3.8	61
107	Enzyme-linked immunosorbent assay for subclass distribution of human IgG and IgA antigen-specific antibodies. Journal of Immunological Methods, 1985, 78, 109-121.	1.4	60
108	Deconstructing common variable immunodeficiency by genetic analysis. Current Opinion in Genetics and Development, 2007, 17, 201-212.	3.3	60

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109	Alteration of the Nâ€glycome of bovine milk glycoproteins during early lactation. FEBS Journal, 2011, 278, 3769-3781.	4.7	60
110	A common single nucleotide polymorphism impairs B-cell activating factor receptor's multimerization, contributing to common variable immunodeficiency. Journal of Allergy and Clinical Immunology, 2014, 133, 1222-1225.e10.	2.9	60
111	Identification of Btk mutations in 20 unrelated patients with X-linked agammaglobulinaemia (XLA). Human Molecular Genetics, 1995, 4, 693-700.	2.9	59
112	Ornithorhynchus anatinus (Platypus) Links the Evolution of Immunoglobulin Genes in Eutherian Mammals and Nonmammalian Tetrapods. Journal of Immunology, 2009, 183, 3285-3293.	0.8	59
113	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. Journal of Experimental Medicine, 2022, 219, .	8.5	59
114	Clinical and molecular analysis of patients with defects in Î¼ heavy chain gene. Journal of Clinical Investigation, 2002, 110, 1029-1035.	8.2	57
115	Does 77â†'G in PTPRC modify autoimmune disorders linked to the major histocompatibility locus?. Nature Genetics, 2001, 29, 22-23.	21.4	56
116	FcRn mediates elongated serum half-life of human IgG in cattle. International Immunology, 2006, 18, 525-536.	4.0	56
117	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. Frontiers in Immunology, 2018, 9, 908.	4.8	56
118	Immunity to SARS-CoV-2 up to 15Âmonths after infection. IScience, 2022, 25, 103743.	4.1	56
119	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, 138-143.	3.8	54
120	Guidelines for newborn screening of primary immunodeficiency diseases. Current Opinion in Hematology, 2013, 20, 48-54.	2.5	54
121	TRANSFER OF IgA DEFICIENCY TO A BONE-MARROW-GRAFTED PATIENT WITH APLASTIC ANAEMIA. Lancet, The, 1985, 325, 778-781.	13.7	53
122	High-Density SNP Mapping of the HLA Region Identifies Multiple Independent Susceptibility Loci Associated with Selective IgA Deficiency. PLoS Genetics, 2012, 8, e1002476.	3.5	53
123	Genome-Wide Association Study of Late-Onset Myasthenia Gravis: Confirmation of TNFRSF11A and Identification of ZBTB10 and Three Distinct HLA Associations. Molecular Medicine, 2015, 21, 769-781.	4.4	52
124	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.	2.9	52
125	Familial aggregation of IgAD and autoimmunity. Clinical Immunology, 2009, 131, 233-239.	3.2	51
126	Genome-Wide Analysis in German Shepherd Dogs Reveals Association of a Locus on CFA 27 with Atopic Dermatitis. PLoS Genetics, 2013, 9, e1003475.	3.5	51

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127	Polyclonal B-cell activators induce immunological response to autologous serum proteins. Cellular Immunology, 1977, 34, 367-375.	3.0	50
128	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.	2.9	50
129	Clinical and Laboratory Findings in Hyper-IgM Syndrome with Novel CD40L and AICDA Mutations. Journal of Clinical Immunology, 2009, 29, 769-776.	3.8	48
130	Novel Mutations in TACI (TNFRSF13B) Causing Common Variable Immunodeficiency. Journal of Clinical Immunology, 2009, 29, 777-785.	3.8	48
131	Identification of the activation-induced cytidine deaminase gene from zebrafish: an evolutionary analysis. Developmental and Comparative Immunology, 2005, 29, 61-71.	2.3	47
132	IgA Deficiency and Risk of Cancer: A Population-Based Matched Cohort Study. Journal of Clinical Immunology, 2015, 35, 182-188.	3.8	47
133	Neutralization of Clostridium difficile Toxin B Mediated by Engineered Lactobacilli That Produce Single-Domain Antibodies. Infection and Immunity, 2016, 84, 395-406.	2.2	47
134	Linkage of autosomal-dominant common variable immunodeficiency to chromosome 4q. European Journal of Human Genetics, 2006, 14, 867-875.	2.8	46
135	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, 401-408.	4.4	46
136	Physical Mapping of the Bovine Immunoglobulin Heavy Chain Constant Region Gene Locus. Journal of Biological Chemistry, 2003, 278, 35024-35032.	3.4	45
137	Integrative Expression System for Delivery of Antibody Fragments by Lactobacilli. Applied and Environmental Microbiology, 2011, 77, 2174-2179.	3.1	45
138	Unique DNA Repair Gene Variations and Potential Associations with the Primary Antibody Deficiency Syndromes IgAD and CVID. PLoS ONE, 2010, 5, e12260.	2.5	45
139	Systemic and Topical Immunoglobulin Treatment in Immunocompromised Patients. Immunological Reviews, 1994, 139, 43-70.	6.0	44
140	Preventive effect of IgG from EBV-seropositive donors on the development of human lympho-proliferative disease in SCID mice. , 1997, 71, 624-629.		44
141	The Porcine Ig Î´ Gene: Unique Chimeric Splicing of the First Constant Region Domain in its Heavy Chain Transcripts. Journal of Immunology, 2003, 171, 1312-1318.	0.8	44
142	Disparate roles of ATR and ATM in immunoglobulin class switch recombination and somatic hypermutation. Journal of Experimental Medicine, 2006, 203, 99-110.	8.5	44
143	Screening and Evaluation of Human Intestinal Lactobacilli for the Development of Novel Gastrointestinal Probiotics. Current Microbiology, 2010, 61, 560-566.	2.2	44
144	The Immunoglobulins: New Insights, Implications, and Applications. Annual Review of Animal Biosciences, 2020, 8, 145-169.	7.4	44

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145	Inherited IFNAR1 Deficiency in a Child with Both Critical COVID-19 Pneumonia and Multisystem Inflammatory Syndrome. Journal of Clinical Immunology, 2022, 42, 471-483.	3.8	44
146	Phylogeny, genomic organization and expression of Î» and Îº immunoglobulin light chain genes in a reptile, Anolis carolinensis. Developmental and Comparative Immunology, 2010, 34, 579-589.	2.3	43
147	PTPN22 R620W promotes production of anti-AChR autoantibodies and IL-2 in myasthenia gravis. Journal of Neuroimmunology, 2008, 197, 110-113.	2.3	42
148	Internal Duplications of DH, JH, and C Region Genes Create an Unusual IgH Gene Locus in Cattle. Journal of Immunology, 2016, 196, 4358-4366.	0.8	42
149	Analysis of Immunoglobulin Transcripts in the Ostrich Struthio camelus, a Primitive Avian Species. PLoS ONE, 2012, 7, e34346.	2.5	42
150	Isolation of Cosmid and cDNA Clones in the Region Surrounding the BTK Gene at Xq21.3-q22. Genomics, 1994, 21, 517-524.	2.9	41
151	Risk of Infections Among 2100 Individuals with IgA Deficiency: a Nationwide Cohort Study. Journal of Clinical Immunology, 2016, 36, 134-140.	3.8	41
152	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.	6.0	40
153	Lactobacilli producing bispecific llama-derived anti-rotavirus proteins in vivo for rotavirus-induced diarrhea. Future Microbiology, 2011, 6, 583-593.	2.0	39
154	Humoral Immunity in scid Mice Reconstituted with Cells from Immunoglobulin-Deficient or Normal Humans. Immunological Reviews, 1991, 124, 113-138.	6.0	38
155	Newborn screening for primary immunodeficiencies: beyond SCID and XLA. Annals of the New York Academy of Sciences, 2011, 1246, 118-130.	3.8	38
156	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.	3.8	37
157	Genetic polymorphism of the IGHG3 gene in cattle. Immunogenetics, 1997, 46, 326-331.	2.4	36
158	Extensive diversification of IgH subclass-encoding genes and IgM subclass switching in crocodilians. Nature Communications, 2013, 4, 1337.	12.8	35
159	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. Science Immunology, 2023, 8, .	11.9	35
160	Extensive Diversification of IgD-, IgY-, and Truncated IgY(Î”Fc)-Encoding Genes in the Red-Eared Turtle (Trachemys scripta elegans). Journal of Immunology, 2012, 189, 3995-4004.	0.8	34
161	Gut Microbiota Perturbation in IgA Deficiency Is Influenced by IgA-Autoantibody Status. Gastroenterology, 2021, 160, 2423-2434.e5.	1.3	34
162	X-Linked TLR7 Deficiency Underlies Critical COVID-19 Pneumonia in a Male Patient with Ataxia-Telangiectasia. Journal of Clinical Immunology, 2022, 42, 1-9.	3.8	34

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163	Mutation pattern in the Bruton's tyrosine kinase gene in 26 unrelated patients with Xâ€linked agammaglobulinemia. Human Mutation, 1997, 9, 418-425.	2.5	33
164	A regulatory role for the cohesin loader NIPBL in nonhomologous end joining during immunoglobulin class switch recombination. Journal of Experimental Medicine, 2013, 210, 2503-2513.	8.5	33
165	Genomic organization of the immunoglobulin light chain gene loci in Xenopus tropicalis: Evolutionary implications. Developmental and Comparative Immunology, 2008, 32, 156-165.	2.3	32
166	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.	3.8	32
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