Qiang Pan-hammarstrom

List of Publications by Year
in descending order

132	9,007	41627	54771
papers	citations	51 h-index	88 g-index

163	163	163	14292
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. Nature Immunology, 2022, 23, 159-164.	7.0	41
2	SARS-CoV-2â€“specific B- and T-cell immunity in a population-based study of young Swedish adults. Journal of Allergy and Clinical Immunology, 2022, 149, 65-75.e8.	1.5	27
3	X-Linked TLR7 Deficiency Underlies Critical COVID-19 Pneumonia in a Male Patient with Ataxia-Telangiectasia. Journal of Clinical Immunology, 2022, 42, 1-9.	2.0	34
4	Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598.	13.7	216
5	Towards precision medicine in lymphoid malignancies. Journal of Internal Medicine, 2022, 292, 221-242.	2.7	9
6	Inherited IFNAR1 Deficiency in a Child with Both Critical COVID-19 Pneumonia and Multisystem Inflammatory Syndrome. Journal of Clinical Immunology, 2022, 42, 471-483.	2.0	44
7	Immunity to SARS-CoV-2 up to 15Âmonths after infection. IScience, 2022, 25, 103743.	1.9	56
8	Analysis of B Cell Receptor Repertoires Reveals Key Signatures of the Systemic B Cell Response after SARS-CoV-2 Infection. Journal of Virology, 2022, 96, JVI0160021.	1.5	24
9	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.	2.3	67
10	Lung function before and after COVID-19 in young adults: AÂpopulation-based study. , 2022, 1, 37-42.		6
11	A single-cell atlas of diffuse large B cell lymphoma. Cell Reports, 2022, 39, 110713.	2.9	33
12	Association of Short-term Air Pollution Exposure With SARS-CoV-2 Infection Among Young Adults in Sweden. JAMA Network Open, 2022, 5, e228109.	2.8	12
13	Distinct clinical and genetic features of hepatitis B virusâ€“associated follicular lymphoma in Chinese patients. Blood Advances, 2022, 6, 2731-2744.	2.5	8
14	Heterologous immunization with inactivated vaccine followed by mRNA-booster elicits strong immunity against SARS-CoV-2 Omicron variant. Nature Communications, 2022, 13, 2670.	5.8	108
15	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.	3.3	110
16	SARS-CoV-2 infection in patients with inborn errors of immunity due to DNA repair defects. Acta Biochimica Et Biophysica Sinica, 2022, , .	0.9	3
17	Genomic characterization of lymphomas in patients with inborn errors of immunity. Blood Advances, 2022, 6, 5403-5414.	2.5	12
18	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. Journal of Experimental Medicine, 2022, 219, .	4.2	21

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19	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. Journal of Experimental Medicine, 2022, 219, .	4.2	59
20	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.	2.2	153
21	Bispecific IgG neutralizes SARS-CoV-2 variants and prevents escape in mice. Nature, 2021, 593, 424-428.	13.7	108
22	A Novel SPINK5 Gene Mutation Associated with Netherton Syndrome in an Omani Patient. Sultan Qaboos University Medical Journal, 2021, 21, 652-656.	0.3	1
23	Genome-wide CRISPR screens reveal synthetic lethal interaction between CREBBP and EP300 in diffuse large B-cell lymphoma. Cell Death and Disease, 2021, 12, 419.	2.7	21
24	SARS-CoV-2â€“related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. Journal of Experimental Medicine, 2021, 218, .	4.2	100
25	Genetic mechanisms of HLA-I loss and immune escape in diffuse large B cell lymphoma. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	38
26	Gut Microbiota Perturbation in IgA Deficiency Is Influenced by IgA-Autoantibody Status. Gastroenterology, 2021, 160, 2423-2434.e5.	0.6	34
27	From Your Nose to Your Toes: A Review of Severe Acute Respiratory Syndrome Coronavirus 2 Pandemicâ€'Associated Pernio. Journal of Investigative Dermatology, 2021, 141, 2791-2796.	0.3	21
28	Hallmarks of Cancers: Primary Antibody Deficiency Versus Other Inborn Errors of Immunity. Frontiers in Immunology, 2021, 12, 720025.	2.2	14
29	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, .	5.6	357
30	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. Science Immunology, 2021, 6, .	5.6	267
31	Antibody therapy for COVID-19. Current Opinion in Allergy and Clinical Immunology, 2021, 21, 553-558.	1.1	17
32	Genome-wide mutational signatures revealed distinct developmental paths for human B cell lymphomas. Journal of Experimental Medicine, 2021, 218, .	4.2	29
33	Covid-19 and its Impact on Medical Research and Society. International Business and Management, 2021, , 73-84.	0.1	0
34	M7â€FLIPI is not prognostic in follicular lymphoma patients with firstâ€line rituximab chemoâ€free therapy. British Journal of Haematology, 2020, 188, 259-267.	1.2	40
35	Loss of ZBTB24 impairs nonhomologous end-joining and class-switch recombination in patients with ICF syndrome. Journal of Experimental Medicine, 2020, 217, .	4.2	27
36	Human T-bet Governs Innate and Innate-like Adaptive IFN-Î³ Immunity against Mycobacteria. Cell, 2020, 183, 1826-1847.e31.	13.5	83

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37	Development of passive immunity against SARS-CoV-2 for management of immunodeficient patientsâ€"a perspective. Journal of Allergy and Clinical Immunology, 2020, 146, 58-60.	1.5	24
38	Extended clinical and immunological phenotype and transplant outcome in CD27 and CD70 deficiency. Blood, 2020, 136, 2638-2655.	0.6	64
39	Genomic basis for RNA alterations in cancer. Nature, 2020, 578, 129-136.	13.7	280
40	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.	1.7	17
41	APRIL-dependent lifelong plasmacyte maintenance and immunoglobulin production in humans. Journal of Allergy and Clinical Immunology, 2020, 146, 1109-1120.e4.	1.5	33
42	Clinical implications of systematic phenotyping and exome sequencing in patients with primary antibody deficiency. Genetics in Medicine, 2019, 21, 243-251.	1.1	86
43	Generation of a human induced pluripotent stem cell line (PHAi003) from a primary immunodeficient patient with CD70 mutation. Stem Cell Research, 2019, 41, 101612.	0.3	1
44	Generation of human induced pluripotent stem cell lines from patients with selective IgA deficiency. Stem Cell Research, 2019, 41, 101613.	0.3	0
45	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.	2.0	9
46	Class-Switch Recombination Defects. Rare Diseases of the Immune System, 2019, , 179-199.	0.1	0
47	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.	1.4	30
48	Genetic landscape of hepatitis B virusâ€"associated diffuse large B-cell lymphoma. Blood, 2018, 131, 2670-2681.	0.6	77
49	The H2B deubiquitinase Usp22 promotes antibody class switch recombination by facilitating non-homologous end joining. Nature Communications, 2018, 9, 1006.	5.8	47
50	Defects in plasma cell differentiation are associated with primary immunodeficiency in human subjects. Journal of Allergy and Clinical Immunology, 2018, 141, 1217-1219.	1.5	4
51	Immunodeficiency in Bloomâ€™s Syndrome. Journal of Clinical Immunology, 2018, 38, 35-44.	2.0	36
52	Reduced immunoglobulin gene diversity in patients with Cornelia de Lange syndrome. Journal of Allergy and Clinical Immunology, 2018, 141, 408-411.e8.	1.5	6
53	Current Understanding and Future Research Priorities in Malignancy Associated With Inborn Errors of Immunity and DNA Repair Disorders: The Perspective of an Interdisciplinary Working Group. Frontiers in Immunology, 2018, 9, 2912.	2.2	48
54	Clinical and functional impact of recurrent S1PR1 mutations in mantle cell lymphoma. Blood Advances, 2018, 2, 621-625.	2.5	10

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55	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. Frontiers in Immunology, 2018, 9, 908.	2.2	56
56	M7-FLIPI Not Valid in Follicular Lymphoma Patients with First-Line Rituximab Chemo-Free Therapy. Blood, 2018, 132, 4154-4154.	0.6	1
57	NEIL1 is a candidate gene associated with common variable immunodeficiency in a patient with a chromosome 15q24 deletion. Clinical Immunology, 2017, 176, 71-76.	1.4	5
58	Synergistic antitumor effect of histone deacetylase inhibitor and Doxorubicin in peripheral T-cell lymphoma. Leukemia Research, 2017, 56, 29-35.	0.4	30
59	Combined immunodeficiency and Epstein-Barr virusâ€“induced B cell malignancy in humans with inherited CD70 deficiency. Journal of Experimental Medicine, 2017, 214, 91-106.	4.2	134
60	Distinct subtype distribution and somatic mutation spectrum of lymphomas in East Asia. Current Opinion in Hematology, 2017, 24, 367-376.	1.2	9
61	Genetic heterogeneity in primary and relapsed mantle cell lymphomas: Impact of recurrent CARD11 mutations. Oncotarget, 2016, 7, 38180-38190.	0.8	130
62	Genetic basis of PD-L1 overexpression in diffuse large B-cell lymphomas. Blood, 2016, 127, 3026-3034.	0.6	168
63	Common variants at PVT1, ATG13â€“AMBRA1, AHI1 and CLEC16A are associated with selective IgA deficiency. Nature Genetics, 2016, 48, 1425-1429.	9.4	67
64	Multiple IgH Isotypes Including IgD, Subclasses of IgM, and IgY Are Expressed in the Common Ancestors of Modern Birds. Journal of Immunology, 2016, 196, 5138-5147.	0.4	25
65	Genetic Landscapes of Relapsed and Refractory Diffuse Large B-Cell Lymphomas. Clinical Cancer Research, 2016, 22, 2290-2300.	3.2	186
66	Co-expression of PD-L1 and p-AKT is associated with poor prognosis in diffuse large B-cell lymphoma via PD-1/PD-L1 axis activating intracellular AKT/mTOR pathway in tumor cells. Oncotarget, 2016, 7, 33350-33362.	0.8	56
67	Frequent alterations in cytoskeleton remodelling genes in primary and metastatic lung adenocarcinomas. Nature Communications, 2015, 6, 10131.	5.8	93
68	Aberrant recombination and repair during immunoglobulin class switching in BRCA1-deficient human B cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2157-2162.	3.3	13
69	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.	1.5	89
70	XRCC4 deficiency in human subjects causes a marked neurological phenotype but no overt immunodeficiency. Journal of Allergy and Clinical Immunology, 2015, 136, 1007-1017.	1.5	44
71	DCLRE1C (ARTEMIS) mutations causing phenotypes ranging from atypical severe combined immunodeficiency to mere antibody deficiency. Human Molecular Genetics, 2015, 24, 7361-7372.	1.4	72
72	DNA-PKcs Is Involved in Ig Class Switch Recombination in Human B Cells. Journal of Immunology, 2015, 195, 5608-5615.	0.4	30

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73	Mutation of TNFRSF13B in a child with 22q11Âdeletion syndrome associated with granulomatous lymphoproliferation. Journal of Allergy and Clinical Immunology, 2015, 135, 559-561.	1.5	7
74	B Cell Super-Enhancers and Regulatory Clusters Recruit AID Tumorigenic Activity. Cell, 2014, 159, 1524-1537.	13.5	234
75	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.	1.5	91
76	Differential role of nonhomologous end joining factors in the generation, DNA damage response, and myeloid differentiation of human induced pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8889-8894.	3.3	34
77	Exome sequencing reveals novel mutation targets in diffuse large B-cell lymphomas derived from Chinese patients. Blood, 2014, 124, 2544-2553.	0.6	102
78	New facets of antibody deficiencies. Current Opinion in Immunology, 2013, 25, 629-638.	2.4	20
79	Extensive diversification of IgH subclass-encoding genes and IgM subclass switching in crocodilians. Nature Communications, 2013, 4, 1337.	5.8	35
80	Common variable immunodeficiency classification by quantifying T-cell receptor and immunoglobulin Î°-deleting recombination excision circles. Journal of Allergy and Clinical Immunology, 2013, 131, 1437-1440.e5.	1.5	52
81	Relation of activation-induced deaminase (AID) expression with antibody response to A(H1N1)pdm09 vaccination in HIV-1 infected patients. Vaccine, 2013, 31, 2231-2237.	1.7	15
82	DNA repair genes are selectively mutated in diffuse large B cell lymphomas. Journal of Experimental Medicine, 2013, 210, 1729-1742.	4.2	87
83	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.	4.2	33
84	Nurture your scientific curiosity early in your research career. Nature Genetics, 2013, 45, 116-118.	9.4	0
85	High-Density SNP Mapping of the HLA Region Identifies Multiple Independent Susceptibility Loci Associated with Selective IgA Deficiency. PLoS Genetics, 2012, 8, e1002476.	1.5	53
86	Cernunnos influences human immunoglobulin class switch recombination and may be associated with B cell lymphomagenesis. Journal of Experimental Medicine, 2012, 209, 291-305.	4.2	44
87	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, 539-546.	1.3	27
88	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.	2.8	137
89	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.	1.1	23
90	Neonatal screening for severe primary immunodeficiency diseases using high-throughput triplex real-time PCR. Blood, 2012, 119, 2552-2555.	0.6	183

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91	Deleterious Mutations in LRBA Are Associated with a Syndrome of Immune Deficiency and Autoimmunity. American Journal of Human Genetics, 2012, 90, 986-1001.	2.6	452
92	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.	1.5	91
93	DNA repair: the link between primary immunodeficiency and cancer. Annals of the New York Academy of Sciences, 2011, 1246, 50-63.	1.8	75
94	Altered spectrum of somatic hypermutation in common variable immunodeficiency disease characteristic of defective repair of mutations. Immunogenetics, 2011, 63, 1-11.	1.2	18
95	Association of IFIH1 and other autoimmunity risk alleles with selective IgA deficiency. Nature Genetics, 2010, 42, 777-780.	9.4	134
96	Mapping of Switch Recombination Junctions, a Tool for Studying DNA Repair Pathways during Immunoglobulin Class Switching. Advances in Immunology, 2010, 108, 45-109.	1.1	67
97	Unique DNA Repair Gene Variations and Potential Associations with the Primary Antibody Deficiency Syndromes IgAD and CVID. PLoS ONE, 2010, 5, e12260.	1.1	45
98	CD27â˜ B-Cells Produce Class Switched and Somatically Hyper-Mutated Antibodies during Chronic HIV-1 Infection. PLoS ONE, 2009, 4, e5427.	1.1	51
99	Comment on â€œReassessment of the Role of Mut S Homolog 5 in Ig Class Switch Recombination Shows Lack of Involvement in cis- and trans-Switchingâ€• Journal of Immunology, 2009, 182, 4495-4496.	0.4	3
100	Non-homologous end joining in class switch recombination: the beginning of the end. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 653-665.	1.8	55
101	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.	3.3	231
102	F.112. Human BAFF-R Deficiency is Associated with Primary Antibody Deficiency Syndrome. Clinical Immunology, 2009, 131, S123.	1.4	2
103	Selective IgA deficiency in early life: Association to infections and allergic diseases during childhood. Clinical Immunology, 2009, 133, 78-85.	1.4	147
104	Novel Mutations in TACI (TNFRSF13B) Causing Common Variable Immunodeficiency. Journal of Clinical Immunology, 2009, 29, 777-785.	2.0	48
105	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.	3.3	332
106	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.	0.6	254
107	Interleukin-21 restores immunoglobulin production ex vivo in patients with common variable immunodeficiency and selective IgA deficiency. Blood, 2009, 114, 4089-4098.	0.6	100
108	Antibody deficiency diseases. European Journal of Immunology, 2008, 38, 327-333.	1.6	63

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109	Involvement of Artemis in nonhomologous end-joining during immunoglobulin class switch recombination. Journal of Experimental Medicine, 2008, 205, 3031-3040.	4.2	41
110	Severe Congenital Neutropenia or Hyper-IgM Syndrome? A Novel Mutation of CD40 Ligand in a Patient with Severe Neutropenia. International Archives of Allergy and Immunology, 2008, 147, 255-259.	0.9	18
111	A Regulatory Role for NBS1 in Strand-Specific Mutagenesis during Somatic Hypermutation. PLoS ONE, 2008, 3, e2482.	1.1	14
112	A primary immunodeficiency characterized by defective immunoglobulin class switch recombination and impaired DNA repair. Journal of Experimental Medicine, 2007, 204, 1207-1216.	4.2	47
113	Expression of Helicobacter pylori Virulence Factors and Associated Expression Profiles of Inflammatory Genes in the Human Gastric Mucosa. Infection and Immunity, 2007, 75, 5118-5126.	1.0	27
114	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.	3.3	142
115	Physical mapping of the giant panda immunoglobulin heavy chain constant region genes. Developmental and Comparative Immunology, 2007, 31, 1034-1049.	1.0	15
116	Class Switch Recombination: A Comparison Between Mouse and Human. Advances in Immunology, 2007, 93, 1-61.	1.1	87
117	Reexamining the role of TACI coding variants in common variable immunodeficiency and selective IgA deficiency. Nature Genetics, 2007, 39, 429-430.	9.4	210
118	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.	3.3	102
119	Disparate roles of ATR and ATM in immunoglobulin class switch recombination and somatic hypermutation. Journal of Experimental Medicine, 2006, 203, 99-110.	4.2	44
120	Cytokine Gene Expression Profiles in Human Lymphocytes Induced by a Formula of Traditional Chinese Medicine, Vigconic VI-28. Journal of Interferon and Cytokine Research, 2006, 26, 628-636.	0.5	14
121	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.	4.2	131
122	Serum Microarrays for Large Scale Screening of Protein Levels. Molecular and Cellular Proteomics, 2005, 4, 1942-1947.	2.5	76
123	AID from bony fish catalyzes class switch recombination. Journal of Experimental Medicine, 2005, 202, 733-738.	4.2	100
124	Identification of the activation-induced cytidine deaminase gene from zebrafish: an evolutionary analysis. Developmental and Comparative Immunology, 2005, 29, 61-71.	1.0	47
125	Delineation of the Role of the Mre11 Complex in Class Switch Recombination. Journal of Biological Chemistry, 2004, 279, 16479-16487.	1.6	73
126	Selective IgG2 deficiency due to a point mutation causing abnormal splicing of the CÂ2 gene. International Immunology, 2004, 17, 95-101.	1.8	5

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127	Lack of Association between Human Switch Recombination Breakpoints and the Secondary Structure of Targeted DNA Regions. Journal of Immunology, 2004, 172, 2727.1-2727.	0.4	4
128	Identification of a functional variant of estrogen receptor beta in an African population. Carcinogenesis, 2004, 25, 2067-2073.	1.3	14
129	Inflammatory Gene Profiles in Gastric Mucosa during Helicobacter pylori Infection in Humans. Journal of Immunology, 2004, 172, 2595-2606.	0.4	77
130	Lack of correlation between the reduction of serum immunoglobulin concentration and the CTG repeat expansion in patients with type 1 Dystrofia Myotonica. Journal of Neuroimmunology, 2003, 144, 100-104.	1.1	15
131	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.	0.4	86
132	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.	0.4	44