Jordan S Orange

List of Publications by Year
in descending order

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343 papers	30,793 citations	4658 85 h-index	5539 163 g-index
360 all docs	360 docs citations	360 times ranked	36208 citing authors

#	Article	IF	Citations
1	Effector and memory CD8+ T cell fate coupled by T-bet and eomesodermin. Nature Immunology, 2005, 6, 1236-1244.	14.5	1,055
2	Establishment of HIV-1 resistance in CD4+ T cells by genome editing using zinc-finger nucleases. Nature Biotechnology, 2008, 26, 808-816.	17.5	916
3	Lentiviral Hematopoietic Stem Cell Gene Therapy in Patients with Wiskott-Aldrich Syndrome. Science, 2013, 341, 1233151.	12.6	900
4	Human Decidual Natural Killer Cells Are a Unique NK Cell Subset with Immunomodulatory Potential. Journal of Experimental Medicine, 2003, 198, 1201-1212.	8.5	781
5	Asymmetric T Lymphocyte Division in the Initiation of Adaptive Immune Responses. Science, 2007, 315, 1687-1691.	12.6	777
6	GATA2 deficiency: a protean disorder of hematopoiesis, lymphatics, and immunity. Blood, 2014, 123, 809-821.	1.4	599
7	Newborn Screening for Severe Combined Immunodeficiency in 11 Screening Programs in the United States. JAMA - Journal of the American Medical Association, 2014, 312, 729.	7.4	586
8	Use of intravenous immunoglobulin in human disease: A review of evidence by members of the Primary Immunodeficiency Committee of the American Academy of Allergy, Asthma and Immunology. Journal of Allergy and Clinical Immunology, 2006, 117, S525-S553.	2.9	574
9	Mutations in GATA2 are associated with the autosomal dominant and sporadic monocytopenia and mycobacterial infection (MonoMAC) syndrome. Blood, 2011, 118, 2653-2655.	1.4	572
10	Practice parameter for the diagnosis and management of primary immunodeficiency. Journal of Allergy and Clinical Immunology, 2015, 136, 1186-1205.e78.	2.9	564
11	Tandem CAR T cells targeting HER2 and IL13RÎ±2 mitigate tumor antigen escape. Journal of Clinical Investigation, 2016, 126, 3036-3052.	8.2	515
12	Stem-Cell Gene Therapy for the Wiskottâ€“Aldrich Syndrome. New England Journal of Medicine, 2010, 363, 1918-1927.	27.0	505
13	A genome-wide association study identifies KIAA0350 as a type 1 diabetes gene. Nature, 2007, 448, 591-594.	27.8	497
14	Formation and function of the lytic NK-cell immunological synapse. Nature Reviews Immunology, 2008, 8, 713-725.	22.7	483
15	Multisystem Inflammatory Syndrome Related to COVID-19 in Previously Healthy Children and Adolescents in New York City. JAMA - Journal of the American Medical Association, 2020, 324, 294.	7.4	479
16	Natural killer cell deficiency. Journal of Allergy and Clinical Immunology, 2013, 132, 515-525.	2.9	468
17	Update on the use of immunoglobulin in human disease: AÂreview of evidence. Journal of Allergy and Clinical Immunology, 2017, 139, S1-S46.	2.9	454
18	Practice parameter for the diagnosis and management of primary immunodeficiency. Annals of Allergy, Asthma and Immunology, 2005, 94, S1-S63.	1.0	452

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19	Commensal bacteriaâ€“derived signals regulate basophil hematopoiesis and allergic inflammation. Nature Medicine, 2012, 18, 538-546.	30.7	408
20	Epidemiology, Clinical Features, and Disease Severity in Patients With Coronavirus Disease 2019 (COVID-19) in a Childrenâ€™s Hospital in New York City, New York. JAMA Pediatrics, 2020, 174, e202430.	6.2	394
21	Use and interpretation of diagnostic vaccination in primary immunodeficiency: AÂworking group report of the Basic and Clinical Immunology Interest Section of the American Academy of Allergy, Asthma & Immunology. Journal of Allergy and Clinical Immunology, 2012, 130, S1-S24.	2.9	379
22	Impact of trough IgG on pneumonia incidence in primary immunodeficiency: A meta-analysis of clinical studies. Clinical Immunology, 2010, 137, 21-30.	3.2	368
23	Early Murine Cytomegalovirus (MCMV) Infection Induces Liver Natural Killer (NK) Cell Inflammation and Protection Through Macrophage Inflammatory Protein 1Î± (MIP-1Î±)â€“dependent Pathways. Journal of Experimental Medicine, 1998, 187, 1-14.	8.5	357
24	Variants ofDENND1BAssociated with Asthma in Children. New England Journal of Medicine, 2010, 362, 36-44.	27.0	306
25	Trivalent CAR T cells overcome interpatient antigenic variability in glioblastoma. Neuro-Oncology, 2018, 20, 506-518.	1.2	306
26	COPA mutations impair ER-Golgi transport and cause hereditary autoimmune-mediated lung disease and arthritis. Nature Genetics, 2015, 47, 654-660.	21.4	302
27	Human natural killer cell deficiencies and susceptibility to infection. Microbes and Infection, 2002, 4, 1545-1558.	1.9	297
28	DOCK8 Deficiency: Clinical and Immunological Phenotype and Treatment Options - a Review of 136 Patients. Journal of Clinical Immunology, 2015, 35, 189-198.	3.8	284
29	Natural killer cells in human health and disease. Clinical Immunology, 2006, 118, 1-10.	3.2	280
30	Wiskott-Aldrich syndrome protein is required for NK cell cytotoxicity and colocalizes with actin to NK cell-activating immunologic synapses. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11351-11356.	7.1	271
31	Primary immunodeficiency diseases: Genomic approaches delineate heterogeneous Mendelian disorders. Journal of Allergy and Clinical Immunology, 2017, 139, 232-245.	2.9	261
32	Hypomorphic nuclear factor-Î¹B essential modulator mutation database and reconstitution system identifies phenotypic and immunologic diversity. Journal of Allergy and Clinical Immunology, 2008, 122, 1169-1177.e16.	2.9	240
33	The mature activating natural killer cell immunologic synapse is formed in distinct stages. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14151-14156.	7.1	221
34	Loss of B Cells in Patients with Heterozygous Mutations in IKAROS. New England Journal of Medicine, 2016, 374, 1032-1043.	27.0	217
35	Meta-analysis of shared genetic architecture across ten pediatric autoimmune diseases. Nature Medicine, 2015, 21, 1018-1027.	30.7	212
36	Mutations in GATA2 cause human NK cell deficiency with specific loss of the CD56bright subset. Blood, 2013, 121, 2669-2677.	1.4	208

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37	Tonic 4-1BB Costimulation in Chimeric Antigen Receptors Impedes T Cell Survival and Is Vector-Dependent. Cell Reports, 2017, 21, 17-26.	6.4	203
38	CD27 deficiency is associated with combined immunodeficiency and persistent symptomatic EBV viremia. Journal of Allergy and Clinical Immunology, 2012, 129, 787-793.e6.	2.9	198
39	Natural Killer Cell Lytic Granule Secretion Occurs through a Pervasive Actin Network at the Immune Synapse. PLoS Biology, 2011, 9, e1001151.	5.6	196
40	miR-451 protects against erythroid oxidant stress by repressing 14-3-3Î¶. Genes and Development, 2010, 24, 1620-1633.	5.9	192
41	Viral evasion of natural killer cells. Nature Immunology, 2002, 3, 1006-1012.	14.5	191
42	Human natural killer cell deficiencies. Current Opinion in Allergy and Clinical Immunology, 2006, 6, 399-409.	2.3	186
43	Lessons learned from additional research analyses of unsolved clinical exome cases. Genome Medicine, 2017, 9, 26.	8.2	184
44	MARRVEL: Integration of Human and Model Organism Genetic Resources to Facilitate Functional Annotation of the Human Genome. American Journal of Human Genetics, 2017, 100, 843-853.	6.2	181
45	Genome-wide association identifies diverse causes of common variable immunodeficiency. Journal of Allergy and Clinical Immunology, 2011, 127, 1360-1367.e6.	2.9	179
46	The presentation and natural history of immunodeficiency caused by nuclear factor ÎºB essential modulator mutation. Journal of Allergy and Clinical Immunology, 2004, 113, 725-733.	2.9	174
47	Outcomes of Neonates Born to Mothers With Severe Acute Respiratory Syndrome Coronavirus 2 Infection at a Large Medical Center in New York City. JAMA Pediatrics, 2021, 175, 157.	6.2	173
48	Cell biological steps and checkpoints in accessing NK cell cytotoxicity. Immunology and Cell Biology, 2014, 92, 245-255.	2.3	171
49	ComÃ¨l-Netherton syndrome defined as primary immunodeficiency. Journal of Allergy and Clinical Immunology, 2009, 124, 536-543.	2.9	164
50	Disseminated Varicella Infection Due to the Vaccine Strain of Varicellaâ€Zoster Virus, in a Patient with a Novel Deficiency in Natural Killer T Cells. Journal of Infectious Diseases, 2003, 188, 948-953.	4.0	162
51	Capsid antigen presentation flags human hepatocytes for destruction after transduction by adeno-associated viral vectors. Journal of Clinical Investigation, 2009, 119, 1688-1695.	8.2	161
52	Identifying Genes Whose Mutant Transcripts Cause Dominant Disease Traits by Potential Gain-of-Function Alleles. American Journal of Human Genetics, 2018, 103, 171-187.	6.2	160
53	Deficient natural killer cell cytotoxicity in patients with IKK-Î³/NEMO mutations. Journal of Clinical Investigation, 2002, 109, 1501-1509.	8.2	160
54	Complications of Tumor Necrosis Factorâ€“Î± Blockade in Chronic Granulomatous Diseaseâ€“Related Colitis. Clinical Infectious Diseases, 2010, 51, 1429-1434.	5.8	156

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55	Rapid Lytic Granule Convergence to the MTOC in Natural Killer Cells Is Dependent on Dynein But Not Cytolytic Commitment. Molecular Biology of the Cell, 2010, 21, 2241-2256.	2.1	149
56	PGM3 Mutations Cause a Congenital Disorder of Glycosylation with Severe Immunodeficiency and Skeletal Dysplasia. American Journal of Human Genetics, 2014, 95, 96-107.	6.2	148
57	Copa Syndrome: a Novel Autosomal Dominant Immune Dysregulatory Disease. Journal of Clinical Immunology, 2016, 36, 377-387.	3.8	141
58	Genetic and mechanistic diversity in pediatric hemophagocytic lymphohistiocytosis. Blood, 2018, 132, 89-100.	1.4	139
59	Global study of primary immunodeficiency diseases (PI)â€”diagnosis, treatment, and economic impact: an updated report from the Jeffrey Modell Foundation. Immunologic Research, 2011, 51, 61-70.	2.9	135
60	Severe influenza pneumonitis in children with inherited TLR3 deficiency. Journal of Experimental Medicine, 2019, 216, 2038-2056.	8.5	134
61	A novel disorder involving dyshematopoiesis, inflammation, and HLH due to aberrant CDC42 function. Journal of Experimental Medicine, 2019, 216, 2778-2799.	8.5	132
62	Human immunodeficiency-causing mutation defines CD16 in spontaneous NK cell cytotoxicity. Journal of Clinical Investigation, 2012, 122, 3769-3780.	8.2	129
63	Recommendations for live viral and bacterial vaccines inÂimmunodeficient patients and their close contacts. Journal of Allergy and Clinical Immunology, 2014, 133, 961-966.	2.9	128
64	Heterozygous Truncating Variants in POMP Escape Nonsense-Mediated Decay and Cause a Unique Immune Dysregulatory Syndrome. American Journal of Human Genetics, 2018, 102, 1126-1142.	6.2	128
65	Efficacy and Safety of a New 20% Immunoglobulin Preparation for Subcutaneous Administration, IgPro20, in Patients With Primary Immunodeficiency. Journal of Clinical Immunology, 2010, 30, 734-745.	3.8	125
66	Emerging insights into human health and <scp>NK</scp> cell biology from the study of <scp>NK</scp> cell deficiencies. Immunological Reviews, 2019, 287, 202-225.	6.0	123
67	Adoptive immunotherapy for primary immunodeficiency disorders with virus-specific T lymphocytes. Journal of Allergy and Clinical Immunology, 2016, 137, 1498-1505.e1.	2.9	117
68	Biallelic loss-of-function mutation in NIK causes a primary immunodeficiency with multifaceted aberrant lymphoid immunity. Nature Communications, 2014, 5, 5360.	12.8	116
69	RASGRP1 deficiency causes immunodeficiency with impaired cytoskeletal dynamics. Nature Immunology, 2016, 17, 1352-1360.	14.5	115
70	FiloQuant reveals increased filopodia density during breast cancer progression. Journal of Cell Biology, 2017, 216, 3387-3403.	5.2	114
71	Defective actin accumulation impairs human natural killer cell function in patients with dedicator of cytokinesis 8 deficiency. Journal of Allergy and Clinical Immunology, 2013, 131, 840-848.	2.9	113
72	Human nuclear factor Î¹B essential modulator mutation can result in immunodeficiency without ectodermal dysplasia. Journal of Allergy and Clinical Immunology, 2004, 114, 650-656.	2.9	112

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73	Myosin IIA is required for cytolytic granule exocytosis in human NK cells. Journal of Experimental Medicine, 2007, 204, 2285-2291.	8.5	112
74	Global report on primary immunodeficiencies: 2018 update from the Jeffrey Modell Centers Network on disease classification, regional trends, treatment modalities, and physician reported outcomes. Immunologic Research, 2018, 66, 367-380.	2.9	109
75	Differential Localization of T-bet and Eomes in CD8 T Cell Memory Populations. Journal of Immunology, 2013, 190, 3207-3215.	0.8	108
76	Immune dysregulation in severe influenza. Journal of Leukocyte Biology, 2009, 85, 1036-1043.	3.3	106
77	Lytic immune synapse function requires filamentous actin deconstruction by Coronin 1A. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6708-6713.	7.1	102
78	Human disease resulting from gene mutations that interfere with appropriate nuclear factorâ€ºB activation. Immunological Reviews, 2005, 203, 21-37.	6.0	101
79	Nanoscale Dynamism of Actin Enables Secretory Function in Cytolytic Cells. Current Biology, 2018, 28, 489-502.e9.	3.9	101
80	Recurrent Muscle Weakness with Rhabdomyolysis, Metabolic Crises, and Cardiac Arrhythmia Due to Bi-allelic TANGO2 Mutations. American Journal of Human Genetics, 2016, 98, 347-357.	6.2	98
81	A Syndromic Neurodevelopmental Disorder Caused by De Novo Variants in EBF3. American Journal of Human Genetics, 2017, 100, 128-137.	6.2	96
82	Cdc42-interacting proteinâ€“4 functionally links actin and microtubule networks at the cytolytic NK cell immunological synapse. Journal of Experimental Medicine, 2007, 204, 2305-2320.	8.5	95
83	Practical NK cell phenotyping and variability in healthy adults. Immunologic Research, 2015, 62, 341-356.	2.9	95
84	Hematopoietic stem cell transplantation in 29 patients hemizygous for hypomorphic IKBKG/NEMO mutations. Blood, 2017, 130, 1456-1467.	1.4	95
85	Formation of a WIP-, WASp-, actin-, and myosin IIAâ€“containing multiprotein complex in activated NK cells and its alteration by KIR inhibitory signaling. Journal of Cell Biology, 2006, 173, 121-132.	5.2	94
86	Cytoskeletal abnormalities and neutrophil dysfunction in WDR1 deficiency. Blood, 2016, 128, 2135-2143.	1.4	94
87	Deficient natural killer cell cytotoxicity in patients with IKK-Î³/NEMO mutations. Journal of Clinical Investigation, 2002, 109, 1501-1509.	8.2	94
88	Reversible Transgene Expression Reduces Fratricide and Permits 4-1BB Costimulation of CAR T Cells Directed to T-cell Malignancies. Cancer Immunology Research, 2018, 6, 47-58.	3.4	93
89	Pro-inflammation Associated with a Gain-of-Function Mutation (R284S) in the Innate Immune Sensor STING. Cell Reports, 2018, 23, 1112-1123.	6.4	92
90	Use of Genetic Testing for Primary Immunodeficiency Patients. Journal of Clinical Immunology, 2018, 38, 320-329.	3.8	88

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91	1. Lymphocytes. Journal of Allergy and Clinical Immunology, 2008, 121, S364-S369.	2.9	87
92	NK cells converge lytic granules to promote cytotoxicity and prevent bystander killing. Journal of Cell Biology, 2016, 215, 875-889.	5.2	87
93	A combined immunodeficiency with severe infections, inflammation, and allergy caused by ARPC1B deficiency. Journal of Allergy and Clinical Immunology, 2019, 143, 2296-2299.	2.9	87
94	Use of intravenous immunoglobulin and adjunctive therapies in the treatment of primary immunodeficiencies. Clinical Immunology, 2010, 135, 255-263.	3.2	86
95	Single Degranulations in NK Cells Can Mediate Target Cell Killing. Journal of Immunology, 2018, 200, 3231-3243.	0.8	86
96	Myosin IIA Associates with NK Cell Lytic Granules to Enable Their Interaction with F-Actin and Function at the Immunological Synapse. Journal of Immunology, 2009, 182, 6969-6984.	0.8	85
97	Rapid molecular diagnostics of severe primary immunodeficiency determined by using targeted next-generation sequencing. Journal of Allergy and Clinical Immunology, 2016, 138, 1142-1151.e2.	2.9	85
98	Specific NEMO mutations impair CD40-mediated c-Rel activation and B cell terminal differentiation. Journal of Clinical Investigation, 2004, 114, 1593-1602.	8.2	84
99	Global overview of primary immunodeficiencies: a report from Jeffrey Modell Centers worldwide focused on diagnosis, treatment, and discovery. Immunologic Research, 2014, 60, 132-144.	2.9	81
100	Ruxolitinib partially reverses functional natural killer cell deficiency in patients with signal transducer and activator of transcription 1 (STAT1) gain-of-function mutations. Journal of Allergy and Clinical Immunology, 2018, 141, 2142-2155.e5.	2.9	79
101	Compound Heterozygous CORO1A Mutations in Siblings with a Mucocutaneous-Immunodeficiency Syndrome of Epidermodysplasia Verruciformis-HPV, Molluscum Contagiosum and Granulomatous Tuberculoid Leprosy. Journal of Clinical Immunology, 2014, 34, 871-890.	3.8	78
102	Specific Antibody Deficiency: Controversies in Diagnosis and Management. Frontiers in Immunology, 2017, 8, 586.	4.8	76
103	Biallelic mutations in IRF8 impair human NK cell maturation and function. Journal of Clinical Investigation, 2016, 127, 306-320.	8.2	76
104	Interleukin-1-induced NF-Î¹B Activation Is NEMO-dependent but Does Not Require IKKÎ². Journal of Biological Chemistry, 2007, 282, 8724-8733.	3.4	75
105	Invariant natural killer T cells from children with versus without food allergy exhibit differential responsiveness to milk-derived sphingomyelin. Journal of Allergy and Clinical Immunology, 2011, 128, 102-109.e13.	2.9	75
106	Bioavailability of IgG Administered by the Subcutaneous Route. Journal of Clinical Immunology, 2013, 33, 984-990.	3.8	75
107	IL-2 induces a WAVE2-dependent pathway for actin reorganization that enables WASp-independent human NK cell function. Journal of Clinical Investigation, 2011, 121, 1535-1548.	8.2	75
108	Evaluation of Patients and Families With Concern for Predispositions to Hematologic Malignancies Within the Hereditary Hematologic Malignancy Clinic (HHMC). Clinical Lymphoma, Myeloma and Leukemia, 2016, 16, 417-428.e2.	0.4	74

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109	Global systematic review of primary immunodeficiency registries. Expert Review of Clinical Immunology, 2020, 16, 717-732.	3.0	74
110	Defective glycosylation and multisystem abnormalities characterize the primary immunodeficiency XMEN disease. Journal of Clinical Investigation, 2019, 130, 507-522.	8.2	74
111	Antibody deficiency associated with an inherited autosomal dominant mutation in TWEAK. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5127-5132.	7.1	72
112	Lymphotoxin-Î±1Î²2 and LIGHT Induce Classical and Noncanonical NF-ÎºB-Dependent Proinflammatory Gene Expression in Vascular Endothelial Cells. Journal of Immunology, 2008, 180, 3467-3477.	0.8	71
113	Genetic Causes of Human NK Cell Deficiency and Their Effect on NK Cell Subsets. Frontiers in Immunology, 2016, 7, 545.	4.8	69
114	Dedicator of cytokinesis 8â€“deficient CD4 + TÂcells are biased to a T H 2 effector fate at the expense of T H 1 and T H 17Âcells. Journal of Allergy and Clinical Immunology, 2017, 139, 933-949.	2.9	69
115	IRF2BPL Is Associated with Neurological Phenotypes. American Journal of Human Genetics, 2018, 103, 245-260.	6.2	69
116	De Novo Truncating Variants in ASXL2 Are Associated with a Unique and Recognizable Clinical Phenotype. American Journal of Human Genetics, 2016, 99, 991-999.	6.2	68
117	Natural killer cells inhibit hepatitis C virus expression. Journal of Leukocyte Biology, 2004, 76, 1171-1179.	3.3	66
118	Novel inborn error of folate metabolism: identification by exome capture and sequencing of mutations in the MTHFD1 gene in a single proband. Journal of Medical Genetics, 2011, 48, 590-592.	3.2	66
119	Complex Autoinflammatory Syndrome Unveils Fundamental Principles of JAK1 Kinase Transcriptional and Biochemical Function. Immunity, 2020, 53, 672-684.e11.	14.3	66
120	Rapid Up-Regulation and Granule-Independent Transport of Perforin to the Immunological Synapse Define a Novel Mechanism of Antigen-Specific CD8+ T Cell Cytotoxic Activity. Journal of Immunology, 2009, 182, 5560-5569.	0.8	65
121	Evaluation of Prolonged Fatigue Postâ€“West Nile Virus Infection and Association of Fatigue with Elevated Antiviral and Proinflammatory Cytokines. Viral Immunology, 2014, 27, 327-333.	1.3	65
122	Recruitment of A20 by the C-terminal domain of NEMO suppresses NF-ÎºB activation and autoinflammatory disease. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1612-1617.	7.1	65
123	HEM1 deficiency disrupts mTORC2 and F-actin control in inherited immunodysregulatory disease. Science, 2020, 369, 202-207.	12.6	65
124	Destabilized SMC5/6 complex leads to chromosome breakage syndrome with severe lung disease. Journal of Clinical Investigation, 2016, 126, 2881-2892.	8.2	65
125	Transcription of the activating receptor NKG2D in natural killer cells is regulated by STAT3 tyrosine phosphorylation. Blood, 2014, 124, 403-411.	1.4	63
126	Association of CLEC16A with human common variable immunodeficiency disorder and role in murine B cells. Nature Communications, 2015, 6, 6804.	12.8	63

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127	Arf-like GTPase Arl8b regulates lytic granule polarization and natural killer cellâ€“mediated cytotoxicity. Molecular Biology of the Cell, 2013, 24, 3721-3735.	2.1	62
128	Antibody targeting of anaplastic lymphoma kinase induces cytotoxicity of human neuroblastoma. Oncogene, 2012, 31, 4859-4867.	5.9	61
129	Acute chylothorax in children: selective retention of memory T cells and natural killer cells. Journal of Pediatrics, 2003, 143, 243-249.	1.8	60
130	Severe Combined Immunodeficiency Resulting From Mutations in MTHFD1. Pediatrics, 2013, 131, e629-e634.	2.1	60
131	iNKT Cell Cytotoxic Responses Control T-Lymphoma Growth In Vitro and In Vivo. Cancer Immunology Research, 2014, 2, 59-69.	3.4	60
132	A comprehensive iterative approach is highly effective in diagnosing individuals who are exome negative. Genetics in Medicine, 2019, 21, 161-172.	2.4	60
133	Human NK cell development requires CD56-mediated motility and formation of the developmental synapse. Nature Communications, 2016, 7, 12171.	12.8	59
134	Biallelic Mutations in ATP5F1D, which Encodes a Subunit of ATP Synthase, Cause a Metabolic Disorder. American Journal of Human Genetics, 2018, 102, 494-504.	6.2	59
135	Expanding the Spectrum of BAF-Related Disorders: De Novo Variants in SMARCC2 Cause a Syndrome with Intellectual Disability and Developmental Delay. American Journal of Human Genetics, 2019, 104, 164-178.	6.2	59
136	Genetic sharing and heritability of paediatric age of onset autoimmune diseases. Nature Communications, 2015, 6, 8442.	12.8	58
137	Health-Related Quality of Life in Adult Patients with Common Variable Immunodeficiency Disorders and Impact of Treatment. Journal of Clinical Immunology, 2017, 37, 461-475.	3.8	55
138	Rapid activation receptorâ€“ or IL-2â€“induced lytic granule convergence in human natural killer cells requires Src, but not downstream signaling. Blood, 2013, 121, 2627-2637.	1.4	54
139	Mutation in IRF2BP2 is responsible for a familial form of common variable immunodeficiency disorder. Journal of Allergy and Clinical Immunology, 2016, 138, 544-550.e4.	2.9	54
140	Diagnostic interpretation of genetic studies in patients with primary immunodeficiency diseases: AÂworking group report of the Primary Immunodeficiency Diseases Committee of the American Academy of Allergy, Asthma & Immunology. Journal of Allergy and Clinical Immunology, 2020, 145, 46-69.	2.9	54
141	Bilateral adrenal EBV-associated smooth muscle tumors in a child with a natural killer cell deficiency. Blood, 2012, 119, 4009-4012.	1.4	53
142	Impaired specific antibody response and increased B-cell population in transient hypogammaglobulinemia of infancy. Annals of Allergy, Asthma and Immunology, 2006, 97, 590-595.	1.0	52
143	CD137 deficiency causes immune dysregulation with predisposition to lymphomagenesis. Blood, 2019, 134, 1510-1516.	1.4	52
144	Phosphorylation of the myosin IIA tailpiece regulates single myosin IIA molecule association with lytic granules to promote NK-cell cytotoxicity. Blood, 2011, 118, 5862-5871.	1.4	50

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145	Finding NEMO: genetic disorders of NF-ÎºB activation. Journal of Clinical Investigation, 2003, 112, 983-985.	8.2	49
146	Noncanonical NF-ÎºB Signaling Is Limited by Classical NF-ÎºB Activity. Science Signaling, 2014, 7, ra13.	3.6	49
147	Quantitative Imaging Approaches to Study the CAR Immunological Synapse. Molecular Therapy, 2017, 25, 1757-1768.	8.2	49
148	High-resolution phenotyping identifies NK cell subsets that distinguish healthy children from adults. PLoS ONE, 2017, 12, e0181134.	2.5	49
149	Human DEF6 deficiency underlies an immunodeficiency syndrome with systemic autoimmunity and aberrant CTLA-4 homeostasis. Nature Communications, 2019, 10, 3106.	12.8	48
150	The microRNA144/451 Locus Enhances Nuclear FOXO3a Activity to Protect Erythroid Cells against Oxidant Stress. Blood, 2008, 112, 277-277.	1.4	48
151	A review of newborn outcomes during the COVID-19 pandemic. Seminars in Perinatology, 2020, 44, 151286.	2.5	47
152	Development of a Clinical Assay To Evaluate Toll-Like Receptor Function. Vaccine Journal, 2006, 13, 68-76.	3.1	45
153	Allogeneic transplantation successfully corrects immune defects, but not susceptibility to colitis, in a patient with nuclear factor-ÎºB essential modulator deficiency. Journal of Allergy and Clinical Immunology, 2008, 122, 1113-1118.e1.	2.9	45
154	Food allergy in patients with primary immunodeficiency diseases: Prevalence within the US Immunodeficiency Network (USIDNET). Journal of Allergy and Clinical Immunology, 2015, 135, 273-275.	2.9	45
155	Human NK cell deficiency as a result of biallelic mutations in MCM10. Journal of Clinical Investigation, 2020, 130, 5272-5286.	8.2	44
156	Centers for Mendelian Genomics: A decade of facilitating gene discovery. Genetics in Medicine, 2022, 24, 784-797.	2.4	44
157	Pediatric common variable immunodeficiency: Immunologic and phenotypic associations with switched memory B cells. Pediatric Allergy and Immunology, 2010, 21, 852-858.	2.6	43
158	Unraveling human natural killer cell deficiency. Journal of Clinical Investigation, 2012, 122, 798-801.	8.2	43
159	IKBKG (nuclear factor-ÎºB essential modulator) mutation can be associated with opportunistic infection without impairing Toll-like receptor function. Journal of Allergy and Clinical Immunology, 2008, 121, 976-982.	2.9	42
160	Primary immunodeficiencies worldwide: an updated overview from the Jeffrey Modell Centers Global Network. Immunologic Research, 2016, 64, 736-753.	2.9	42
161	Schistosomiasis Induces Persistent DNA Methylation and Tuberculosis-Specific Immune Changes. Journal of Immunology, 2018, 201, 124-133.	0.8	41
162	Modeling Primary Immunodeficiency Disease Epidemiology and Its Treatment to Estimate Latent Therapeutic Demand for Immunoglobulin. Journal of Clinical Immunology, 2014, 34, 233-244.	3.8	38

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163	PTEN Is a Negative Regulator of NK Cell Cytolytic Function. Journal of Immunology, 2015, 194, 1832-1840.	0.8	37
164	GATA2 deficiency underlying severeÂblastomycosis and fatal herpes simplex virusâ€“associated hemophagocytic lymphohistiocytosis. Journal of Allergy and Clinical Immunology, 2016, 137, 638-640.	2.9	36
165	Mutations in PI3K110Î´ cause impaired natural killer cell function partially rescued by rapamycin treatment. Journal of Allergy and Clinical Immunology, 2018, 142, 605-617.e7.	2.9	36
166	A homing system targets therapeutic T cells to brain cancer. Nature, 2018, 561, 331-337.	27.8	36
167	Prevalence of Toll-like receptor signalling defects in apparently healthy children who developed invasive pneumococcal infection. Clinical Immunology, 2007, 122, 271-278.	3.2	35
168	NK Cell Lytic Granules Are Highly Motile at the Immunological Synapse and Require F-Actin for Post-Degranulation Persistence. Journal of Immunology, 2012, 189, 4870-4880.	0.8	35
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343	COPA Syndrome. , 2020, , 1-4.		0