

A Kerry Dobbs

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

6,019
citations

159525

30
h-index

102432

66
g-index

79
all docs

79
docs citations

79
times ranked

12233
citing authors

#	ARTICLE	IF	CITATIONS
1	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	6.0	1,983
2	Primary B Cell Immunodeficiencies: Comparisons and Contrasts. <i>Annual Review of Immunology</i> , 2009, 27, 199-227.	9.5	374
3	An immune-based biomarker signature is associated with mortality in COVID-19 patients. <i>JCI Insight</i> , 2021, 6, .	2.3	269
4	Human HOIP and LUBAC deficiency underlies autoinflammation, immunodeficiency, amylopectinosis, and lymphangiectasia. <i>Journal of Experimental Medicine</i> , 2015, 212, 939-951.	4.2	241
5	Agammaglobulinemia and absent B lineage cells in a patient lacking the p85 β subunit of PI3K. <i>Journal of Experimental Medicine</i> , 2012, 209, 463-470.	4.2	200
6	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. <i>New England Journal of Medicine</i> , 2015, 372, 2409-2422.	13.9	169
7	Time-resolved systems immunology reveals a late juncture linked to fatal COVID-19. <i>Cell</i> , 2021, 184, 1836-1857.e22.	13.5	167
8	Broad-spectrum antibodies against self-antigens and cytokines in RAG deficiency. <i>Journal of Clinical Investigation</i> , 2015, 125, 4135-4148.	3.9	159
9	Immunopathological signatures in multisystem inflammatory syndrome in children and pediatric COVID-19. <i>Nature Medicine</i> , 2022, 28, 1050-1062.	15.2	144
10	Whole-exome sequencing identifies tetratricopeptide repeat domain 7A (TTC7A) mutations for combined immunodeficiency with intestinal atresias. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 656-664.e17.	1.5	140
11	Severe influenza pneumonitis in children with inherited TLR3 deficiency. <i>Journal of Experimental Medicine</i> , 2019, 216, 2038-2056.	4.2	134
12	A systematic analysis of recombination activity and genotype-phenotype correlation in human recombination-activating gene 1 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1099-1108.e12.	1.5	132
13	T-cell defects in patients with ARPC1B germline mutations account for combined immunodeficiency. <i>Blood</i> , 2018, 132, 2362-2374.	0.6	99
14	Inborn Errors of RNA Lariat Metabolism in Humans with Brainstem Viral Infection. <i>Cell</i> , 2018, 172, 952-965.e18.	13.5	92
15	Characterization of T and B cell repertoire diversity in patients with RAG deficiency. <i>Science Immunology</i> , 2016, 1, .	5.6	88
16	Hyperactivated PI3K β promotes self and commensal reactivity at the expense of optimal humoral immunity. <i>Nature Immunology</i> , 2018, 19, 986-1000.	7.0	77
17	<i>EXTL3</i> mutations cause skeletal dysplasia, immune deficiency, and developmental delay. <i>Journal of Experimental Medicine</i> , 2017, 214, 623-637.	4.2	76
18	Human SNORA31 variations impair cortical neuron-intrinsic immunity to HSV-1 and underlie herpes simplex encephalitis. <i>Nature Medicine</i> , 2019, 25, 1873-1884.	15.2	76

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19	Cutting Edge: A Hypomorphic Mutation in Ig λ 2 (CD79b) in a Patient with Immunodeficiency and a Leaky Defect in B Cell Development. <i>Journal of Immunology</i> , 2007, 179, 2055-2059.	0.4	74
20	Antibody responses to the SARS-CoV-2 vaccine in individuals with various inborn errors of immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 1192-1197.	1.5	67
21	Artificial thymic organoids represent a reliable tool to study T-cell differentiation in patients with severe T-cell lymphopenia. <i>Blood Advances</i> , 2020, 4, 2611-2616.	2.5	65
22	PAX1 is essential for development and function of the human thymus. <i>Science Immunology</i> , 2020, 5, .	5.6	55
23	Architecture of the human PI4KIII β lipid kinase complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13720-13725.	3.3	54
24	Lymphocyte-driven regional immunopathology in pneumonitis caused by impaired central immune tolerance. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	52
25	Patients with CD3G mutations reveal a role for human CD3 β in Treg diversity and suppressive function. <i>Blood</i> , 2018, 131, 2335-2344.	0.6	51
26	Reticular dysgenesis-associated AK2 protects hematopoietic stem and progenitor cell development from oxidative stress. <i>Journal of Experimental Medicine</i> , 2015, 212, 1185-1202.	4.2	49
27	A novel mutation in the POLE2 gene causing combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 635-638.e1.	1.5	49
28	Natural Killer Cells from Patients with Recombinase-Activating Gene and Non-Homologous End Joining Gene Defects Comprise a Higher Frequency of CD56bright NKG2A+++ Cells, and Yet Display Increased Degranulation and Higher Perforin Content. <i>Frontiers in Immunology</i> , 2017, 8, 798.	2.2	41
29	Next Generation Sequencing Reveals Skewing of the T and B Cell Receptor Repertoires in Patients with Wiskott-Aldrich Syndrome. <i>Frontiers in Immunology</i> , 2014, 5, 340.	2.2	40
30	Differential role of nonhomologous end joining factors in the generation, DNA damage response, and myeloid differentiation of human induced pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8889-8894.	3.3	34
31	Production and persistence of specific antibodies in COVID-19 patients with hematologic malignancies: role of rituximab. <i>Blood Cancer Journal</i> , 2021, 11, 151.	2.8	32
32	Cysteine and hydrophobic residues in CDR3 serve as distinct T-cell self-reactivity indices. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 333-336.	1.5	31
33	Ligase-4 Deficiency Causes Distinctive Immune Abnormalities in Asymptomatic Individuals. <i>Journal of Clinical Immunology</i> , 2016, 36, 341-353.	2.0	30
34	Efficacy of lentivirus-mediated gene therapy in an Omenn syndrome recombination-activating gene 2 mouse model is not hindered by inflammation and immune dysregulation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 928-941.e8.	1.5	28
35	SASH3 variants cause a novel form of X-linked combined immunodeficiency with immune dysregulation. <i>Blood</i> , 2021, 138, 1019-1033.	0.6	28
36	Gene Editing Rescues In vitro T Cell Development of RAG2-Deficient Induced Pluripotent Stem Cells in an Artificial Thymic Organoid System. <i>Journal of Clinical Immunology</i> , 2021, 41, 852-862.	2.0	27

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37	Temporal Dynamics of Anti-“Type 1 Interferon Autoantibodies in Patients With Coronavirus Disease 2019. <i>Clinical Infectious Diseases</i> , 2022, 75, e1192-e1194.	2.9	26
38	Human OTULIN haploinsufficiency impairs cell-intrinsic immunity to staphylococcal $\hat{\pm}$ -toxin. <i>Science</i> , 2022, 376, eabm6380.	6.0	25
39	A minimally hypomorphic mutation in Btk resulting in reduced B cell numbers but no clinical disease. <i>Clinical and Experimental Immunology</i> , 2008, 152, 39-44.	1.1	22
40	Treatment of Relapsing HPV Diseases by Restored Function of Natural Killer Cells. <i>New England Journal of Medicine</i> , 2021, 385, 921-929.	13.9	22
41	Agammaglobulinemia associated with BCR $\hat{\nu}$ B cells and enhanced expression of CD19. <i>Blood</i> , 2011, 118, 1828-1837.	0.6	19
42	Defining a new immune deficiency syndrome: MAN2B2-CDG. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1008-1011.	1.5	19
43	Autoantibodies Against Proteins Previously Associated With Autoimmunity in Adult and Pediatric Patients With COVID-19 and Children With MIS-C. <i>Frontiers in Immunology</i> , 2022, 13, 841126.	2.2	18
44	Prognostic value of serum/plasma neurofilament light chain for <scp>COVID</scp> $\hat{\nu}$ associated mortality. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 622-632.	1.7	17
45	Disseminated and Congenital Toxoplasmosis in a Mother and Child With Activated PI3-Kinase $\hat{\nu}$ Syndrome Type 2 (APDS2): Case Report and a Literature Review of Toxoplasma Infections in Primary Immunodeficiencies. <i>Frontiers in Immunology</i> , 2019, 10, 77.	2.2	16
46	<i>Nfkb2</i> variants reveal a p100-degradation threshold that defines autoimmune susceptibility. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	16
47	Cutaneous barrier leakage and gut inflammation drive skin disease in Omenn syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1165-1179.e11.	1.5	13
48	Natural killer cell hyporesponsiveness and impaired development in a CD247-deficient patient. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 942-945.e4.	1.5	12
49	POLD1 Deficiency Reveals a Role for POLD1 in DNA Repair and T and B Cell Development. <i>Journal of Clinical Immunology</i> , 2021, 41, 270-273.	2.0	10
50	Clonal hematopoiesis is not significantly associated with COVID-19 disease severity. <i>Blood</i> , 2022, 140, 1650-1655.	0.6	10
51	Asymptomatic Infant With Atypical SCID and Novel Hypomorphic RAG Variant Identified by Newborn Screening: A Diagnostic and Treatment Dilemma. <i>Frontiers in Immunology</i> , 2020, 11, 1954.	2.2	9
52	Diverse Autoantibody Reactivity in Cartilage-Hair Hypoplasia. <i>Journal of Clinical Immunology</i> , 2017, 37, 508-510.	2.0	8
53	The Use of Induced Pluripotent Stem Cells to Study the Effects of Adenosine Deaminase Deficiency on Human Neutrophil Development. <i>Frontiers in Immunology</i> , 2021, 12, 748519.	2.2	7
54	SARS-CoV-2 infection in dialysis and kidney transplant patients: immunological and serological response. <i>Journal of Nephrology</i> , 2022, , 1.	0.9	7

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55	Abnormal antibodies to self-carbohydrates in SARS-CoV-2-infected patients. , 2022, 1, .		5
56	Skewed TCR Alpha, but not Beta, Gene Rearrangements and Lymphoma Associated with a Pathogenic TRAC Variant. Journal of Clinical Immunology, 2021, 41, 1395-1399.	2.0	4
57	Adult-Onset Myopathy in a Patient with Hypomorphic RAG2 Mutations and Combined Immune Deficiency. Journal of Clinical Immunology, 2018, 38, 642-645.	2.0	3
58	Purine nucleoside phosphorylase deficiency induces p53-mediated intrinsic apoptosis in human induced pluripotent stem cell-derived neurons. Scientific Reports, 2022, 12, .	1.6	3
59	A possible bichromatid mutation in a male gamete giving rise to a female mosaic for two different mutations in the X-linked gene WAS. Clinical Genetics, 2007, 71, 171-176.	1.0	2
60	From Natural Killer Cell Receptor Discovery to Characterization of Natural Killer Cell Defects in Primary Immunodeficiencies. Frontiers in Immunology, 2019, 10, 1757.	2.2	2
61	Novel Compound Heterozygous Mutations in ZAP70 Leading to a SCID Phenotype with Normal Downstream In vitro Signaling. Journal of Clinical Immunology, 2021, 41, 470-472.	2.0	2
62	Complete Absence of CD3 β Protein Expression Is Responsible for Combined Immunodeficiency with Autoimmunity Rather than SCID. Journal of Clinical Immunology, 2021, 41, 482-485.	2.0	1
63	Reticular dysgenesis-associated AK2 protects hematopoietic stem and progenitor cell development from oxidative stress. Journal of Cell Biology, 2015, 210, 210201A141.	2.3	0
64	Impaired Sars-Cov-2 Specific Antibody Responses in Patients Treated with Anti-CD20 Antibodies. Blood, 2020, 136, 47-48.	0.6	0
65	Longitudinal Serological Response to Sars-COV-2 in Patients Affected By Hematologic Diseases. Blood, 2020, 136, 4-4.	0.6	0
66	126. Magnitude and Dynamics of the T-Cell Response to SARS-CoV-2 Infection and Vaccination. Open Forum Infectious Diseases, 2021, 8, S77-S77.	0.4	0