A Kerry Dobbs

List of Publications by Year
in descending order

66 papers	6,019 citations	159585 30 h-index	102487 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. Science, 2020, 370, .	12.6	1,983
2	Primary B Cell Immunodeficiencies: Comparisons and Contrasts. Annual Review of Immunology, 2009, 27, 199-227.	21.8	374
3	An immune-based biomarker signature is associated with mortality in COVID-19 patients. JCI Insight, 2021, 6, .	5.0	269
4	Human HOIP and LUBAC deficiency underlies autoinflammation, immunodeficiency, amylopectinosis, and lymphangiectasia. Journal of Experimental Medicine, 2015, 212, 939-951.	8.5	241
5	Agammaglobulinemia and absent B lineage cells in a patient lacking the p85Î± subunit of PI3K. Journal of Experimental Medicine, 2012, 209, 463-470.	8.5	200
6	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. New England Journal of Medicine, 2015, 372, 2409-2422.	27.0	169
7	Time-resolved systems immunology reveals a late juncture linked to fatal COVID-19. Cell, 2021, 184, 1836-1857.e22.	28.9	167
8	Broad-spectrum antibodies against self-antigens and cytokines in RAG deficiency. Journal of Clinical Investigation, 2015, 125, 4135-4148.	8.2	159
9	Immunopathological signatures in multisystem inflammatory syndrome in children and pediatric COVID-19. Nature Medicine, 2022, 28, 1050-1062.	30.7	144
10	Whole-exome sequencing identifies tetratricopeptide repeat domain 7A (TTC7A) mutations for combined immunodeficiency with intestinal atresias. Journal of Allergy and Clinical Immunology, 2013, 132, 656-664.e17.	2.9	140
11	Severe influenza pneumonitis in children with inherited TLR3 deficiency. Journal of Experimental Medicine, 2019, 216, 2038-2056.	8.5	134
12	A systematic analysis of recombination activity andÂgenotype-phenotype correlation in human recombination-activating gene 1 deficiency. Journal of Allergy and Clinical Immunology, 2014, 133, 1099-1108.e12.	2.9	132
13	T-cell defects in patients with ARPC1B germline mutations account for combined immunodeficiency. Blood, 2018, 132, 2362-2374.	1.4	99
14	Inborn Errors of RNA Lariat Metabolism in Humans with Brainstem Viral Infection. Cell, 2018, 172, 952-965.e18.	28.9	92
15	Characterization of T and B cell repertoire diversity in patients with RAG deficiency. Science Immunology, 2016, 1, .	11.9	88
16	Hyperactivated PI3KÎ´ promotes self and commensal reactivity at the expense of optimal humoral immunity. Nature Immunology, 2018, 19, 986-1000.	14.5	77
17	EXTL3 mutations cause skeletal dysplasia, immune deficiency, and developmental delay. Journal of Experimental Medicine, 2017, 214, 623-637.	8.5	76
18	Human SNORA31 variations impair cortical neuron-intrinsic immunity to HSV-1 and underlie herpes simplex encephalitis. Nature Medicine, 2019, 25, 1873-1884.	30.7	76

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19	Cutting Edge: A Hypomorphic Mutation in Igî² (CD79b) in a Patient with Immunodeficiency and a Leaky Defect in B Cell Development. Journal of Immunology, 2007, 179, 2055-2059.	0.8	74
20	Antibody responses to the SARS-CoV-2 vaccine in individuals with various inborn errors of immunity. Journal of Allergy and Clinical Immunology, 2021, 148, 1192-1197.	2.9	67
21	Artificial thymic organoids represent a reliable tool to study T-cell differentiation in patients with severe T-cell lymphopenia. Blood Advances, 2020, 4, 2611-2616.	5.2	65
22	PAX1 is essential for development and function of the human thymus. Science Immunology, 2020, 5, .	11.9	55
23	Architecture of the human PI4KIIIÎ± lipid kinase complex. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13720-13725.	7.1	54
24	Lymphocyte-driven regional immunopathology in pneumonitis caused by impaired central immune tolerance. Science Translational Medicine, 2019, 11, .	12.4	52
25	Patients with CD3G mutations reveal a role for human CD3Î³ in Treg diversity and suppressive function. Blood, 2018, 131, 2335-2344.	1.4	51
26	Reticular dysgenesisâ€“associated AK2 protects hematopoietic stem and progenitor cell development from oxidative stress. Journal of Experimental Medicine, 2015, 212, 1185-1202.	8.5	49
27	A novel mutation in the POLE2 geneÂcausing combined immunodeficiency. Journal of Allergy and Clinical Immunology, 2016, 137, 635-638.e1.	2.9	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. Frontiers in Immunology, 2017, 8, 798.	4.8	41
29	Next Generation Sequencing Reveals Skewing of the T and B Cell Receptor Repertoires in Patients with WiskottÃ¢â‚¬â€œAldrich Syndrome. Frontiers in Immunology, 2014, 5, 340.	4.8	40
30	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.	7.1	34
31	Production and persistence of specific antibodies in COVID-19 patients with hematologic malignancies: role of rituximab. Blood Cancer Journal, 2021, 11, 151.	6.2	32
32	Cysteine and hydrophobic residues in CDR3 serve as distinct T-cell self-reactivity indices. Journal of Allergy and Clinical Immunology, 2019, 144, 333-336.	2.9	31
33	Ligase-4 Deficiency Causes Distinctive Immune Abnormalities in Asymptomatic Individuals. Journal of Clinical Immunology, 2016, 36, 341-353.	3.8	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. Journal of Allergy and Clinical Immunology, 2018, 142, 928-941.e8.	2.9	28
35	SASH3variants cause a novel form of X-linked combined immunodeficiency with immune dysregulation. Blood, 2021, 138, 1019-1033.	1.4	28
36	Gene Editing Rescues In vitro T Cell Development of RAG2-Deficient Induced Pluripotent Stem Cells in an Artificial Thymic Organoid System. Journal of Clinical Immunology, 2021, 41, 852-862.	3.8	27

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37	Temporal Dynamics of Antiâ€“Type 1 Interferon Autoantibodies in Patients With Coronavirus Disease 2019. Clinical Infectious Diseases, 2022, 75, e1192-e1194.	5.8	26
38	Human OTULIN haploinsufficiency impairs cell-intrinsic immunity to staphylococcal Î±-toxin. Science, 2022, 376, eabm6380.	12.6	25
39	A minimally hypomorphic mutation in Btk resulting in reduced B cell numbers but no clinical disease. Clinical and Experimental Immunology, 2008, 152, 39-44.	2.6	22
40	Treatment of Relapsing HPV Diseases by Restored Function of Natural Killer Cells. New England Journal of Medicine, 2021, 385, 921-929.	27.0	22
41	Agammaglobulinemia associated with BCRâ˜ B cells and enhanced expression of CD19. Blood, 2011, 118, 1828-1837.	1.4	19
42	Defining a new immune deficiency syndrome: MAN2B2-CDG. Journal of Allergy and Clinical Immunology, 2020, 145, 1008-1011.	2.9	19
43	Autoantibodies Against Proteins Previously Associated With Autoimmunity in Adult and Pediatric Patients With COVID-19 and Children With MIS-C. Frontiers in Immunology, 2022, 13, 841126.	4.8	18
44	Prognostic value of serum/plasma neurofilament light chain for <scp>COVID</scp>â€19â€associated mortality. Annals of Clinical and Translational Neurology, 2022, 9, 622-632.	3.7	17
45	Disseminated and Congenital Toxoplasmosis in a Mother and Child With Activated PI3-Kinase Î´ Syndrome Type 2 (APDS2): Case Report and a Literature Review of Toxoplasma Infections in Primary Immunodeficiencies. Frontiers in Immunology, 2019, 10, 77.	4.8	16
46	Nfkb2 variants reveal a p100-degradation threshold that defines autoimmune susceptibility. Journal of Experimental Medicine, 2021, 218, .	8.5	16
47	Cutaneous barrier leakage and gut inflammation drive skin disease in Omenn syndrome. Journal of Allergy and Clinical Immunology, 2020, 146, 1165-1179.e11.	2.9	13
48	Natural killer cell hyporesponsiveness and impaired development in a CD247-deficient patient. Journal of Allergy and Clinical Immunology, 2016, 137, 942-945.e4.	2.9	12
49	POLD1 Deficiency Reveals a Role for POLD1 in DNA Repair and T and B Cell Development. Journal of Clinical Immunology, 2021, 41, 270-273.	3.8	10
50	Clonal hematopoiesis is not significantly associated with COVID-19 disease severity. Blood, 2022, 140, 1650-1655.	1.4	10
51	Asymptomatic Infant With Atypical SCID and Novel Hypomorphic RAG Variant Identified by Newborn Screening: A Diagnostic and Treatment Dilemma. Frontiers in Immunology, 2020, 11, 1954.	4.8	9
52	Diverse Autoantibody Reactivity in Cartilage-Hair Hypoplasia. Journal of Clinical Immunology, 2017, 37, 508-510.	3.8	8
53	The Use of Induced Pluripotent Stem Cells to Study the Effects of Adenosine Deaminase Deficiency on Human Neutrophil Development. Frontiers in Immunology, 2021, 12, 748519.	4.8	7
54	SARS-CoV-2 infection in dialysis and kidney transplant patients: immunological and serological response. Journal of Nephrology, 2022, , 1.	2.0	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.	3.8	4
57	Adult-Onset Myopathy in a Patient with Hypomorphic RAG2 Mutations and Combined Immune Deficiency. Journal of Clinical Immunology, 2018, 38, 642-645.	3.8	3
58	Purine nucleoside phosphorylase deficiency induces p53-mediated intrinsic apoptosis in human induced pluripotent stem cell-derived neurons. Scientific Reports, 2022, 12, .	3.3	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.	2.0	2
60	From Natural Killer Cell Receptor Discovery to Characterization of Natural Killer Cell Defects in Primary Immunodeficiencies. Frontiers in Immunology, 2019, 10, 1757.	4.8	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.	3.8	2
62	Complete Absence of CD3Î³ Protein Expression Is Responsible for Combined Immunodeficiency with Autoimmunity Rather than SCID. Journal of Clinical Immunology, 2021, 41, 482-485.	3.8	1
63	Reticular dysgenesisâ€“associated AK2 protects hematopoietic stem and progenitor cell development from oxidative stress. Journal of Cell Biology, 2015, 210, 2102OIA141.	5.2	0
64	Impaired Sars-Cov-2 Specific Antibody Responses in Patients Treated with Anti-CD20 Antibodies. Blood, 2020, 136, 47-48.	1.4	0
65	Longitudinal Serological Response to Sars-COV-2 in Patients Affected By Hematologic Diseases. Blood, 2020, 136, 4-4.	1.4	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.	0.9	0