Catherine M Biggs

List of Publications by Year
in descending order

39 papers	2,305 citations	304701 22 h-index	330122 37 g-index
40 all docs	40 docs citations	40 times ranked	3717 citing authors

#	Article	IF	Citations
1	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
2	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
3	Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598.	27.8	216
4	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. Cell, 2020, 181, 1194-1199.	28.9	185
5	Weathering the COVID-19 storm: Lessons from hematologic cytokine syndromes. Blood Reviews, 2021, 45, 100707.	5.7	137
6	DOCK8 deficiency: Insights into pathophysiology, clinical features and management. Clinical Immunology, 2017, 181, 75-82.	3.2	134
7	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
8	Practical Guidance for the Evaluation and Management of Drug Hypersensitivity: Specific Drugs. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, S16-S116.	3.8	107
9	SARS-CoV-2â€“related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. Journal of Experimental Medicine, 2021, 218, .	8.5	100
10	Calm in the midst of cytokine storm: a collaborative approach to the diagnosis and treatment of hemophagocytic lymphohistiocytosis and macrophage activation syndrome. Pediatric Rheumatology, 2019, 17, 7.	2.1	74
11	Studying severe long COVID to understand post-infectious disorders beyond COVID-19. Nature Medicine, 2022, 28, 879-882.	30.7	72
12	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. Journal of Experimental Medicine, 2022, 219, .	8.5	59
13	Heterozygous FOXN1 Variants Cause Low TRECs and Severe T Cell Lymphopenia, Revealing a Crucial Role of FOXN1 in Supporting Early Thymopoiesis. American Journal of Human Genetics, 2019, 105, 549-561.	6.2	52
14	Hematopoietic stem cell transplantation outcomes for 11 patients with dedicator of cytokinesis 8 deficiency. Journal of Allergy and Clinical Immunology, 2016, 138, 852-859.e3.	2.9	48
15	Germline CBM-opathies: From immunodeficiency to atopy. Journal of Allergy and Clinical Immunology, 2019, 143, 1661-1673.	2.9	44
16	Soluble interleukin-6 receptor in the COVID-19 cytokine storm syndrome. Cell Reports Medicine, 2021, 2, 100269.	6.5	41
17	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. Nature Immunology, 2022, 23, 159-164.	14.5	41
18	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. Science Immunology, 2023, 8, .	11.9	35

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19	Amelioration of COVIDâ€19â€related cytokine storm syndrome: parallels to chimeric antigen receptorâ€T cell cytokine release syndrome. British Journal of Haematology, 2020, 190, e150-e154.	2.5	32
20	Ruxolitinib as adjunctive therapy for secondary hemophagocytic lymphohistiocytosis: A case series. European Journal of Haematology, 2021, 106, 654-661.	2.2	30
21	First Case of X-Linked Moesin Deficiency Identified After Newborn Screening for SCID. Journal of Clinical Immunology, 2017, 37, 336-338.	3.8	28
22	Inborn errors of immunity manifesting as atopic disorders. Journal of Allergy and Clinical Immunology, 2021, 148, 1130-1139.	2.9	27
23	Newborn screening for severe combined immunodeficiency: a primer for clinicians. Cmaj, 2017, 189, E1551-E1557.	2.0	22
24	Atopy as Immune Dysregulation: Offender Genes and Targets. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 1737-1756.	3.8	15
25	De novo ATP1A3 and compound heterozygous NLRP3 mutations in a child with autism spectrum disorder, episodic fatigue and somnolence, and muckle-wells syndrome. Molecular Genetics and Metabolism Reports, 2018, 16, 23-29.	1.1	12
26	Diverse Autoantibody Reactivity in Cartilage-Hair Hypoplasia. Journal of Clinical Immunology, 2017, 37, 508-510.	3.8	8
27	The importance of functional validation after nextâ€generation sequencing: evaluation of a novel <scp>CARD</scp>11 variant. Pediatric Allergy and Immunology, 2018, 29, 663-668.	2.6	8
28	Monogenic immune disorders and severe atopic disease. Nature Genetics, 2017, 49, 1162-1163.	21.4	7
29	Extended analysis of parent and child confidence in recognizing anaphylaxis and using the epinephrine autoinjector during oral food challenges. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 693-695.	3.8	7
30	Clinical IRAK4 deficiency caused by homozygosity for the novel IRAK4 (c.1049delG,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	1.2	7
31	Diverse clinical features and diagnostic delay in monogenic inborn errors of immunity: A call for access to genetic testing. Pediatric Allergy and Immunology, 2021, 32, 1796-1803.	2.6	6
32	Inborn Errors of Immunity Associated With Type 2 Inflammation in the USIDNET Registry. Frontiers in Immunology, 2022, 13, 831279.	4.8	6
33	A81: Spectrum of Mevalonate Kinase Deficiency: Is Colitis More Common Than We Think?. Arthritis and Rheumatology, 2014, 66, S114-S114.	5.6	2
34	Exome sequencing enables diagnosis of X-linked hypohidrotic ectodermal dysplasia in patient with eosinophilic esophagitis and severe atopy. Allergy, Asthma and Clinical Immunology, 2021, 17, 9.	2.0	2
35	Reduced fixed dose tocilizumab 400 mg IV compared to weight-based dosing in critically ill patients with COVID-19: A before-after cohort study. The Lancet Regional Health Americas, 2022, 11, 100228.	2.6	2
36	Idiopathic splenomegaly in childhood and the spectrum of RAS-associated lymphoproliferative disease: a case report. BMC Pediatrics, 2021, 21, 45.	1.7	1

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37	All hands on deck: A multidisciplinary approach to SARS-CoV-2-associated MIS-C. Paediatrics and Child Health, 2022, 27, S53-S58.	0.6	1
38	Recurrent sterile abscesses in a case of Xâ€linked neutropenia. Pediatric Dermatology, 2020, 37, 742-744.	0.9	0
39	Targeted treatment of immune thrombocytopenia in CTLAâ€4 insufficiency: a case report. British Journal of Haematology, 2021, , .	2.5	0