

Carrie L Lucas

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,923
citations

361413

20
h-index

414414

32
g-index

49
all docs

49
docs citations

49
times ranked

4447
citing authors

#	ARTICLE	IF	CITATIONS
1	Dominant-activating germline mutations in the gene encoding the PI(3)K catalytic subunit p110 β result in T cell senescence and human immunodeficiency. <i>Nature Immunology</i> , 2014, 15, 88-97.	14.5	575
2	Mg ²⁺ Regulates Cytotoxic Functions of NK and CD8 T Cells in Chronic EBV Infection Through NKG2D. <i>Science</i> , 2013, 341, 186-191.	12.6	269
3	PI3K β and primary immunodeficiencies. <i>Nature Reviews Immunology</i> , 2016, 16, 702-714.	22.7	259
4	Heterozygous splice mutation in <i>PIK3R1</i> causes human immunodeficiency with lymphoproliferation due to dominant activation of PI3K. <i>Journal of Experimental Medicine</i> , 2014, 211, 2537-2547.	8.5	249
5	Effective α -activated PI3K β syndrome β -targeted therapy with the PI3K β inhibitor leniolisib. <i>Blood</i> , 2017, 130, 2307-2316.	1.4	227
6	Clinical and immunologic phenotype associated with activated phosphoinositide 3-kinase β syndrome 2: A cohort study. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 210-218.e9.	2.9	215
7	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. <i>Cell</i> , 2020, 181, 1194-1199.	28.9	185
8	Immune dysregulation and autoreactivity correlate with disease severity in SARS-CoV-2-associated multisystem inflammatory syndrome in children. <i>Immunity</i> , 2021, 54, 1083-1095.e7.	14.3	164
9	SARS-CoV-2-related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	100
10	Conformational disruption of PI3K β regulation by immunodeficiency mutations in <i>PIK3CD</i> and <i>PIK3R1</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1982-1987.	7.1	92
11	Studying severe long COVID to understand post-infectious disorders beyond COVID-19. <i>Nature Medicine</i> , 2022, 28, 879-882.	30.7	72
12	Novel PIK3CD mutations affecting N-terminal residues of p110 β cause activated PI3K β syndrome (APDS) in humans. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1152-1156.e10.	2.9	62
13	Human PI3K β deficiency and its microbiota-dependent mouse model reveal immunodeficiency and tissue immunopathology. <i>Nature Communications</i> , 2019, 10, 4364.	12.8	51
14	Genomics of Immune Diseases and New Therapies. <i>Annual Review of Immunology</i> , 2016, 34, 121-149.	21.8	47
15	Hematopoietic Cell Transplantation Cures Adenosine Deaminase 2 Deficiency: Report on 30 Patients. <i>Journal of Clinical Immunology</i> , 2021, 41, 1633-1647.	3.8	43
16	A CD8 T cell β -intrinsic role for the calcineurin-NFAT pathway for tolerance induction in vivo. <i>Blood</i> , 2010, 115, 1280-1287.	1.4	40
17	LAG-3, TGF- β 2, and cell-intrinsic PD-1 inhibitory pathways contribute to CD8 but not CD4 T-cell tolerance induced by allogeneic BMT with anti-CD40L. <i>Blood</i> , 2011, 117, 5532-5540.	1.4	38
18	Epstein β -Barr Virus Susceptibility in Activated PI3K β Syndrome (APDS) Immunodeficiency. <i>Frontiers in Immunology</i> , 2017, 8, 2005.	4.8	33

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19	Human autoinflammatory disease reveals ELF4 as a transcriptional regulator of inflammation. <i>Nature Immunology</i> , 2021, 22, 1118-1126.	14.5	30
20	The Mystery of MIS-C Post-SARS-CoV-2 Infection. <i>Trends in Microbiology</i> , 2020, 28, 956-958.	7.7	26
21	Antibodies against insulin measured by electrochemiluminescence predicts insulinitis severity and disease onset in non-obese diabetic mice and can distinguish human type 1 diabetes status. <i>Journal of Translational Medicine</i> , 2011, 9, 203.	4.4	22
22	The role of PI3K $\hat{1}$ ³ in the immune system: new insights and translational implications. <i>Nature Reviews Immunology</i> , 2022, 22, 687-700.	22.7	22
23	Germline biallelic PIK3CG mutations in a multifaceted immunodeficiency with immune dysregulation. <i>Haematologica</i> , 2020, 105, e488.	3.5	17
24	The receptor for advanced glycation endproducts (RAGE) modulates T cell signaling. <i>PLoS ONE</i> , 2020, 15, e0236921.	2.5	13
25	Novel compound heterozygous variants in NHLRC2 in a patient with FINCA syndrome. <i>Journal of Human Genetics</i> , 2020, 65, 911-915.	2.3	11
26	Infections in activated PI3K delta syndrome (APDS). <i>Current Opinion in Immunology</i> , 2021, 72, 146-157.	5.5	11
27	Identifying genetic determinants of autoimmunity and immune dysregulation. <i>Current Opinion in Immunology</i> , 2015, 37, 28-33.	5.5	10
28	Uncontrolled Epstein-Barr Virus as an Atypical Presentation of Deficiency in ADA2 (DADA2). <i>Journal of Clinical Immunology</i> , 2021, 41, 680-683.	3.8	7
29	Expression and purification of soluble murine CD40L monomers and polymers in yeast <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2011, 76, 115-120.	1.3	6
30	Editorial: Human Disorders of PI3K Biology. <i>Frontiers in Immunology</i> , 2020, 11, 617464.	4.8	3
31	Layers of regulation in induction of mixed chimerism by anti-CD40L. <i>Chimerism</i> , 2011, 2, 111-113.	0.7	2
32	Maximizing insights from monogenic immune disorders. <i>Current Opinion in Immunology</i> , 2021, 73, 50-57.	5.5	2
33	Molecular Basis of Cell Death Programs in Mature T Cell Homeostasis. , 2014, , 41-59.		0
34	The receptor for advanced glycation endproducts (RAGE) modulates T cell signaling. , 2020, 15, e0236921.		0
35	The receptor for advanced glycation endproducts (RAGE) modulates T cell signaling. , 2020, 15, e0236921.		0
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