

Qian Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6721527/publications.pdf>

Version: 2024-02-01

61
papers

9,920
citations

109321

35
h-index

128289

60
g-index

67
all docs

67
docs citations

67
times ranked

14884
citing authors

#	ARTICLE	IF	CITATIONS
1	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	12.6	1,983
2	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	12.6	1,749
3	30 Years of NF- κ B: A Blossoming of Relevance to Human Pathobiology. <i>Cell</i> , 2017, 168, 37-57.	28.9	1,437
4	Combined Immunodeficiency Associated with <i>DOCK8</i> Mutations. <i>New England Journal of Medicine</i> , 2009, 361, 2046-2055.	27.0	655
5	Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. <i>Science Immunology</i> , 2021, 6, .	11.9	357
6	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , 2021, 6, .	11.9	267
7	Human genetic and immunological determinants of critical COVID-19 pneumonia. <i>Nature</i> , 2022, 603, 587-598.	27.8	216
8	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
9	Type I interferon autoantibodies are associated with systemic immune alterations in patients with COVID-19. <i>Science Translational Medicine</i> , 2021, 13, eabh2624.	12.4	155
10	<i>DOCK8</i> regulates lymphocyte shape integrity for skin antiviral immunity. <i>Journal of Experimental Medicine</i> , 2014, 211, 2549-2566.	8.5	150
11	Tuberculosis and impaired IL-23-dependent IFN- γ immunity in humans homozygous for a common <i>TYK2</i> missense variant. <i>Science Immunology</i> , 2018, 3, .	11.9	148
12	Life-threatening influenza pneumonitis in a child with inherited IRF9 deficiency. <i>Journal of Experimental Medicine</i> , 2018, 215, 2567-2585.	8.5	146
13	Severe influenza pneumonitis in children with inherited TLR3 deficiency. <i>Journal of Experimental Medicine</i> , 2019, 216, 2038-2056.	8.5	134
14	Auto-antibodies to type I IFNs can underlie adverse reactions to yellow fever live attenuated vaccine. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	130
15	Inherited IFNAR1 deficiency in otherwise healthy patients with adverse reaction to measles and yellow fever live vaccines. <i>Journal of Experimental Medicine</i> , 2019, 216, 2057-2070.	8.5	127
16	Life-Threatening COVID-19: Defective Interferons Unleash Excessive Inflammation. <i>Med</i> , 2020, 1, 14-20.	4.4	110
17	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200413119.	7.1	110
18	SARS-CoV-2 induces human plasmacytoid dendritic cell diversification via UNC93B and IRAK4. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	107

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19	DOCK8 is essential for Tâ€cell survival and the maintenance of CD8⁺ Tâ€cell memory. <i>European Journal of Immunology</i> , 2011, 41, 3423-3435.	2.9	105
20	SARS-CoV-2â€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
21	Somatic reversion in dedicator of cytokinesis 8 immunodeficiency modulates disease phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1667-1675.	2.9	82
22	DOCK8 deficiency. <i>Annals of the New York Academy of Sciences</i> , 2011, 1246, 26-33.	3.8	74
23	Identification of driver genes for critical forms of COVID-19 in a deeply phenotyped young patient cohort. <i>Science Translational Medicine</i> , 2022, 14, eabj7521.	12.4	71
24	DOCK8 is critical for the survival and function of NKT cells. <i>Blood</i> , 2013, 122, 2052-2061.	1.4	68
25	Herpes simplex encephalitis in a patient with a distinctive form of inherited IFNAR1 deficiency. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	64
26	Human NLRP1 is a sensor of pathogenic coronavirus 3CL proteases in lung epithelial cells. <i>Molecular Cell</i> , 2022, 82, 2385-2400.e9.	9.7	61
27	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	59
28	Human hyper-IgE syndrome: singular or plural?. <i>Mammalian Genome</i> , 2018, 29, 603-617.	2.2	55
29	Dual Proteolytic Pathways Govern Glycolysis and Immune Competence. <i>Cell</i> , 2014, 159, 1578-1590.	28.9	54
30	A Cohort of 169 Chronic Granulomatous Disease Patients Exposed to BCG Vaccination: a Retrospective Study from a Single Center in Shanghai, China (2004â€2017). <i>Journal of Clinical Immunology</i> , 2018, 38, 260-272.	3.8	52
31	Genetic, clinical, and laboratory markers for DOCK8 immunodeficiency syndrome. <i>Disease Markers</i> , 2010, 29, 131-9.	1.3	51
32	Life-Threatening Infections Due to Live-Attenuated Vaccines: Early Manifestations of Inborn Errors of Immunity. <i>Journal of Clinical Immunology</i> , 2019, 39, 376-390.	3.8	50
33	Type I interferons and SARS-CoV-2: from cells to organisms. <i>Current Opinion in Immunology</i> , 2022, 74, 172-182.	5.5	49
34	Severe COVID-19 in the young and healthy: monogenic inborn errors of immunity?. <i>Nature Reviews Immunology</i> , 2020, 20, 455-456.	22.7	47
35	Human inborn errors of immunity to infection affecting cells other than leukocytes: from the immune system to the whole organism. <i>Current Opinion in Immunology</i> , 2019, 59, 88-100.	5.5	44
36	Inherited IFNAR1 Deficiency in a Child with Both Critical COVID-19 Pneumonia and Multisystem Inflammatory Syndrome. <i>Journal of Clinical Immunology</i> , 2022, 42, 471-483.	3.8	44

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37	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. <i>Nature Immunology</i> , 2022, 23, 159-164.	14.5	41
38	Distinct antibody repertoires against endemic human coronaviruses in children and adults. <i>JCI Insight</i> , 2021, 6, .	5.0	40
39	Harnessing Type I IFN Immunity Against SARS-CoV-2 with Early Administration of IFN- β . <i>Journal of Clinical Immunology</i> , 2021, 41, 1425-1442.	3.8	39
40	Human genetics of life-threatening influenza pneumonitis. <i>Human Genetics</i> , 2020, 139, 941-948.	3.8	36
41	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. <i>Science Immunology</i> , 2023, 8, .	11.9	35
42	Pathogenesis of infections in HIV-infected individuals: insights from primary immunodeficiencies. <i>Current Opinion in Immunology</i> , 2017, 48, 122-133.	5.5	34
43	X-Linked TLR7 Deficiency Underlies Critical COVID-19 Pneumonia in a Male Patient with Ataxia-Telangiectasia. <i>Journal of Clinical Immunology</i> , 2022, 42, 1-9.	3.8	34
44	Hyperimmunoglobulin E syndromes in pediatrics. <i>Current Opinion in Pediatrics</i> , 2011, 23, 653-658.	2.0	33
45	Negative selection on human genes underlying inborn errors depends on disease outcome and both the mode and mechanism of inheritance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
46	Biochemically deleterious human <i>NFKB1</i> variants underlie an autosomal dominant form of common variable immunodeficiency. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	32
47	Recent Advances in DOCK8 Immunodeficiency Syndrome. <i>Journal of Clinical Immunology</i> , 2016, 36, 441-449.	3.8	31
48	Human <i>STAT3</i> variants underlie autosomal dominant hyper-IgE syndrome by negative dominance. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	30
49	A loss-of-function <i>IFNAR1</i> allele in Polynesia underlies severe viral diseases in homozygotes. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	28
50	Monoclonal antibody-mediated neutralization of SARS-CoV-2 in an IRF9-deficient child. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	24
51	Migration-induced cell shattering due to DOCK8 deficiency causes a type 2-biased helper T cell response. <i>Nature Immunology</i> , 2020, 21, 1528-1539.	14.5	21
52	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	21
53	A deep intronic splice mutation of <i>STAT3</i> underlies hyper IgE syndrome by negative dominance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16463-16472.	7.1	17
54	Insufficient type I IFN immunity underlies life-threatening COVID-19 pneumonia. <i>Comptes Rendus - Biologies</i> , 2021, 344, 19-25.	0.2	16

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55	Single-Cell and Bulk RNA-Sequencing Reveal Differences in Monocyte Susceptibility to Influenza A Virus Infection Between Africans and Europeans. <i>Frontiers in Immunology</i> , 2021, 12, 768189.	4.8	14
56	Association of rare predicted loss-of-function variants of influenza-related type I IFN genes with critical COVID-19 pneumonia. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	12
57	Human TET2 bridges cancer and immunity. <i>Blood</i> , 2020, 136, 1018-1019.	1.4	6
58	A Novel STK4 Mutation Impairs T Cell Immunity Through Dysregulation of Cytokine-Induced Adhesion and Chemotaxis Genes. <i>Journal of Clinical Immunology</i> , 2021, 41, 1839-1852.	3.8	3
59	Immunoglobulin Eâ€”an Innocent Bystander in Host Defense?. <i>Journal of Clinical Immunology</i> , 2018, 38, 223-224.	3.8	1
60	Plasma Non-transferrin-Bound Iron Could Enter into Mice Duodenum and Negatively Affect Duodenal Defense Response to Virus and Immune Responses. <i>Biological Trace Element Research</i> , 2023, 201, 786-799.	3.5	1
61	DOCK8 regulates lymphocyte shape integrity for skin antiviral immunity. <i>Journal of Cell Biology</i> , 2014, 207, 2075OIA223.	5.2	0