Qian Zhang

List of Publications by Year
in descending order

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

Version: 2024-02-01

61	9,920	109321	128289
papers	citations	35 h-index	60 g-index

67	67	67	14884
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasma Non-transferrin-Bound Iron Could Enter into Mice Duodenum and Negatively Affect Duodenal Defense Response to Virus and Immune Responses. Biological Trace Element Research, 2023, 201, 786-799.	3.5	1
2	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. Science Immunology, 2023, 8, .	11.9	35
3	Identification of driver genes for critical forms of COVID-19 in a deeply phenotyped young patient cohort. Science Translational Medicine, 2022, 14, eabj7521.	12.4	71
4	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
5	X-Linked TLR7 Deficiency Underlies Critical COVID-19 Pneumonia in a Male Patient with Ataxia-Telangiectasia. Journal of Clinical Immunology, 2022, 42, 1-9.	3.8	34
6	Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598.	27.8	216
7	Type I interferons and SARS-CoV-2: from cells to organisms. Current Opinion in Immunology, 2022, 74, 172-182.	5.5	49
8	Inherited IFNAR1 Deficiency in a Child with Both Critical COVID-19 Pneumonia and Multisystem Inflammatory Syndrome. Journal of Clinical Immunology, 2022, 42, 471-483.	3.8	44
9	A loss-of-function IFNAR1 allele in Polynesia underlies severe viral diseases in homozygotes. Journal of Experimental Medicine, 2022, 219, .	8.5	28
10	Human NLRP1 is a sensor of pathogenic coronavirus 3CL proteases in lung epithelial cells. Molecular Cell, 2022, 82, 2385-2400.e9.	9.7	61
11	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
12	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. Journal of Experimental Medicine, 2022, 219, .	8.5	21
13	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. Journal of Experimental Medicine, 2022, 219, .	8.5	59
14	Herpes simplex encephalitis in a patient with a distinctive form of inherited IFNAR1 deficiency. Journal of Clinical Investigation, 2021, 131, .	8.2	64
15	SARS-CoV-2 induces human plasmacytoid predendritic cell diversification via UNC93B and IRAK4. Journal of Experimental Medicine, 2021, 218, .	8.5	107
16	Negative selection on human genes underlying inborn errors depends on disease outcome and both the mode and mechanism of inheritance. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33
17	Distinct antibody repertoires against endemic human coronaviruses in children and adults. JCI Insight, 2021, 6, .	5.0	40
18	Auto-antibodies to type I IFNs can underlie adverse reactions to yellow fever live attenuated vaccine. Journal of Experimental Medicine, 2021, 218, .	8.5	130

#	Article	IF	Citations
19	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
20	Human STAT3 variants underlie autosomal dominant hyper-IgE syndrome by negative dominance. Journal of Experimental Medicine, 2021, 218, .	8.5	30
21	Insufficient type I IFN immunity underlies life-threatening COVID-19 pneumonia. Comptes Rendus - Biologies, 2021, 344, 19-25.	0.2	16
22	Harnessing Type I IFN Immunity Against SARS-CoV-2 with Early Administration of IFN-Î². Journal of Clinical Immunology, 2021, 41, 1425-1442.	3.8	39
23	Association of rare predicted loss-of-function variants of influenza-related type I IFN genes with critical COVID-19 pneumonia. Journal of Clinical Investigation, 2021, 131, .	8.2	12
24	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
25	A Novel STK4 Mutation Impairs T Cell Immunity Through Dysregulation of Cytokine-Induced Adhesion and Chemotaxis Genes. Journal of Clinical Immunology, 2021, 41, 1839-1852.	3.8	3
26	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
27	Type I interferon autoantibodies are associated with systemic immune alterations in patients with COVID-19. Science Translational Medicine, 2021, 13, eabh2624.	12.4	155
28	Biochemically deleterious human NFKB1 variants underlie an autosomal dominant form of common variable immunodeficiency. Journal of Experimental Medicine, 2021, 218, .	8.5	32
29	Monoclonal antibody-mediated neutralization of SARS-CoV-2 in an IRF9-deficient child. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
30	Single-Cell and Bulk RNA-Sequencing Reveal Differences in Monocyte Susceptibility to Influenza A Virus Infection Between Africans and Europeans. Frontiers in Immunology, 2021, 12, 768189.	4.8	14
31	Migration-induced cell shattering due to DOCK8 deficiency causes a type 2â€“biased helper T cell response. Nature Immunology, 2020, 21, 1528-1539.	14.5	21
32	Life-Threatening COVID-19: Defective Interferons Unleash Excessive Inflammation. Med, 2020, 1, 14-20.	4.4	110
33	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,749
34	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,983
35	Human TET2 bridges cancer and immunity. Blood, 2020, 136, 1018-1019.	1.4	6
36	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. Cell, 2020, 181, 1194-1199.	28.9	185

#	Article	IF	Citations
37	Severe COVID-19 in the young and healthy: monogenic inborn errors of immunity?. Nature Reviews Immunology, 2020, 20, 455-456.	22.7	47
38	Human genetics of life-threatening influenza pneumonitis. Human Genetics, 2020, 139, 941-948.	3.8	36
39	A deep intronic splice mutation of STAT3 underlies hyper IgE syndrome by negative dominance. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16463-16472.	7.1	17
40	Inherited IFNAR1 deficiency in otherwise healthy patients with adverse reaction to measles and yellow fever live vaccines. Journal of Experimental Medicine, 2019, 216, 2057-2070.	8.5	127
41	Severe influenza pneumonitis in children with inherited TLR3 deficiency. Journal of Experimental Medicine, 2019, 216, 2038-2056.	8.5	134
42	Life-Threatening Infections Due to Live-Attenuated Vaccines: Early Manifestations of Inborn Errors of Immunity. Journal of Clinical Immunology, 2019, 39, 376-390.	3.8	50
43	Human inborn errors of immunity to infection affecting cells other than leukocytes: from the immune system to the whole organism. Current Opinion in Immunology, 2019, 59, 88-100.	5.5	44
44	Immunoglobulin Eâ€”an Innocent Bystander in Host Defense?. Journal of Clinical Immunology, 2018, 38, 223-224.	3.8	1
45	A Cohort of 169 Chronic Granulomatous Disease Patients Exposed to BCG Vaccination: a Retrospective Study from a Single Center in Shanghai, China (2004â€“2017). Journal of Clinical Immunology, 2018, 38, 260-272.	3.8	52
46	Tuberculosis and impaired IL-23â€“dependent IFN-Î³ immunity in humans homozygous for a common TYK2 missense variant. Science Immunology, 2018, 3, .	11.9	148
47	Life-threatening influenza pneumonitis in a child with inherited IRF9 deficiency. Journal of Experimental Medicine, 2018, 215, 2567-2585.	8.5	146
48	Human hyper-IgE syndrome: singular or plural?. Mammalian Genome, 2018, 29, 603-617.	2.2	55
49	30 Years of NF-ÎºB: A Blossoming of Relevance to Human Pathobiology. Cell, 2017, 168, 37-57.	28.9	1,437
50	Pathogenesis of infections in HIV-infected individuals: insights from primary immunodeficiencies. Current Opinion in Immunology, 2017, 48, 122-133.	5.5	34
51	Recent Advances in DOCK8 Immunodeficiency Syndrome. Journal of Clinical Immunology, 2016, 36, 441-449.	3.8	31
52	Dual Proteolytic Pathways Govern Glycolysis and Immune Competence. Cell, 2014, 159, 1578-1590.	28.9	54
53	DOCK8 regulates lymphocyte shape integrity for skin antiviral immunity. Journal of Experimental Medicine, 2014, 211, 2549-2566.	8.5	150
54	Somatic reversion in dedicator of cytokinesis 8 immunodeficiency modulates disease phenotype. Journal of Allergy and Clinical Immunology, 2014, 133, 1667-1675.	2.9	82

#	Article	IF	Citations
55	DOCK8 regulates lymphocyte shape integrity for skin antiviral immunity. Journal of Cell Biology, 2014, 207, 2075OIA223.	5.2	0
56	DOCK8 is critical for the survival and function of NKT cells. Blood, 2013, 122, 2052-2061.	1.4	68
57	DOCK8 deficiency. Annals of the New York Academy of Sciences, 2011, 1246, 26-33.	3.8	74
58	DOCK8 is essential for Tâ€cell survival and the maintenance of CD8⁺ Tâ€cell memory. European Journal of Immunology, 2011, 41, 3423-3435.	2.9	105
59	Hyperimmunoglobulin E syndromes in pediatrics. Current Opinion in Pediatrics, 2011, 23, 653-658.	2.0	33
60	Genetic, clinical, and laboratory markers for DOCK8 immunodeficiency syndrome. Disease Markers, 2010, 29, 131-9.	1.3	51
61	Combined Immunodeficiency Associated withDOCK8Mutations. New England Journal of Medicine, 2009, 361, 2046-2055.	27.0	655