JÃ©rÃ©mie Rosain

List of Publications by Year
in descending order

43 papers	6,386 citations	236925 25 h-index	265206 42 g-index
45 all docs	45 docs citations	45 times ranked	10121 citing authors

#	Article	IF	Citations
1	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. Science Immunology, 2023, 8, .	11.9	35
2	Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598.	27.8	216
3	Autoantibodies Neutralizing Type I Interferons in 20% of COVID-19 Deaths in a French Hospital. Journal of Clinical Immunology, 2022, 42, 459-470.	3.8	46
4	Autoantibodies against type I IFNs in patients with Ph-negative myeloproliferative neoplasms. Blood, 2022, 139, 2716-2720.	1.4	3
5	A partial form of inherited human USP18 deficiency underlies infection and inflammation. Journal of Experimental Medicine, 2022, 219, .	8.5	28
6	Pulmonary Alveolar Proteinosis and Multiple Infectious Diseases in a Child with Autosomal Recessive Complete IRF8 Deficiency. Journal of Clinical Immunology, 2022, 42, 975-985.	3.8	7
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	Challenges in Rare Diseases Diagnostics: Incontinentia Pigmenti with Heterozygous GBA Mutation. Diagnostics, 2022, 12, 1711.	2.6	1
9	Improving the diagnostic efficiency of primary immunodeficiencies with targeted next-generation sequencing. Journal of Allergy and Clinical Immunology, 2021, 147, 734-737.	2.9	17
10	Multibatch Cytometry Data Integration for Optimal Immunophenotyping. Journal of Immunology, 2021, 206, 206-213.	0.8	25
11	Herpes simplex encephalitis in a patient with a distinctive form of inherited IFNAR1 deficiency. Journal of Clinical Investigation, 2021, 131, .	8.2	64
12	Inherited GATA2 Deficiency Is Dominant by Haploinsufficiency and Displays Incomplete Clinical Penetrance. Journal of Clinical Immunology, 2021, 41, 639-657.	3.8	30
13	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
14	Two Novel Homozygous Mutations in Phosphoglucomutase 3 Leading to Severe Combined Immunodeficiency, Skeletal Dysplasia, and Malformations. Journal of Clinical Immunology, 2021, 41, 958-966.	3.8	6
15	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
16	Preexisting autoantibodies to type I IFNs underlie critical COVID-19 pneumonia in patients with APS-1. Journal of Experimental Medicine, 2021, 218, .	8.5	185
17	Inherited deficiency of stress granule ZNFX1 in patients with monocytosis and mycobacterial disease. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	47
18	Detection of homozygous and hemizygous complete or partial exon deletions by whole-exome sequencing. NAR Genomics and Bioinformatics, 2021, 3, lqab037.	3.2	7

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19	High Th2 cytokine levels and upper airway inflammation in human inherited T-bet deficiency. Journal of Experimental Medicine, 2021, 218, .	8.5	25
20	Inherited PD-1 deficiency underlies tuberculosis and autoimmunity in a child. Nature Medicine, 2021, 27, 1646-1654.	30.7	65
21	Genetic, Immunological, and Clinical Features of 32 Patients with Autosomal Recessive STAT1 Deficiency. Journal of Immunology, 2021, 207, 133-152.	0.8	33
22	Humans with inherited TÂcell CD28 deficiency are susceptible to skin papillomaviruses but are otherwise healthy. Cell, 2021, 184, 3812-3828.e30.	28.9	53
23	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
24	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
25	Inherited human c-Rel deficiency disrupts myeloid and lymphoid immunity to multiple infectious agents. Journal of Clinical Investigation, 2021, 131, .	8.2	21
26	Biochemically deleterious human NFKB1 variants underlie an autosomal dominant form of common variable immunodeficiency. Journal of Experimental Medicine, 2021, 218, .	8.5	32
27	Pre-existing Autoantibodies Neutralizing High Concentrations of Type I Interferons in Almost 10% of COVID-19 Patients Admitted to Intensive Care in Barcelona. Journal of Clinical Immunology, 2021, 41, 1733-1744.	3.8	66
28	Homozygous STAT2 gain-of-function mutation by loss of USP18 activity in a patient with type I interferonopathy. Journal of Experimental Medicine, 2020, 217, .	8.5	73
29	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,749
30	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,983
31	Human T-bet Governs Innate and Innate-like Adaptive IFN-Î³ Immunity against Mycobacteria. Cell, 2020, 183, 1826-1847.e31.	28.9	83
32	Inherited human IFN-Î³ deficiency underlies mycobacterial disease. Journal of Clinical Investigation, 2020, 130, 3158-3171.	8.2	89
33	PROMIDISÎ±: AÂT-cell receptor Î± signature associated with immunodeficiencies caused by V(D)J recombination defects. Journal of Allergy and Clinical Immunology, 2019, 143, 325-334.e2.	2.9	43
34	LINE-1-Mediated AluYa5 Insertion Underlying Complete Autosomal Recessive IFN-Î³R1 Deficiency. Journal of Clinical Immunology, 2019, 39, 739-742.	3.8	5
35	Haploidentical Hematopoietic Stem Cell Transplantation with Post-Transplant Cyclophosphamide for Primary Immunodeficiencies and Inherited Disorders in Children. Biology of Blood and Marrow Transplantation, 2019, 25, 1363-1373.	2.0	78
36	Progressive Multifocal Leukoencephalopathy in Primary Immunodeficiencies. Journal of Clinical Immunology, 2019, 39, 55-64.	3.8	20

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37	Mendelian susceptibility to mycobacterial disease: 2014â€“2018 update. Immunology and Cell Biology, 2019, 97, 360-367.	2.3	163
38	Disseminated abscesses due to Mycoplasma faucium in a patient with activated PI3KÎ´ syndrome type 2. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1796-1798.e2.	3.8	9
39	Impaired IL-12- and IL-23-Mediated Immunity Due to IL-12RÎ²1 Deficiency in Iranian Patients with Mendelian Susceptibility to Mycobacterial Disease. Journal of Clinical Immunology, 2018, 38, 787-793.	3.8	13
40	Long-term follow-up of an activated PI3K-Î´ syndrome 2 in patient presenting with an agammaglobulinemia phenotype. Annals of Allergy, Asthma and Immunology, 2018, 121, 739-740.e1.	1.0	0
41	A Variety of Alu-Mediated Copy Number Variations Can Underlie IL-12RÎ²1 Deficiency. Journal of Clinical Immunology, 2018, 38, 617-627.	3.8	45
42	CD21 deficiency in 2 siblings with recurrent respiratory infections and hypogammaglobulinemia. Journal of Allergy and Clinical Immunology: in Practice, 2017, 5, 1765-1767.e3.	3.8	14
43	Hematopoietic stem cell transplantation in 29 patients hemizygous for hypomorphic IKBKG/NEMO mutations. Blood, 2017, 130, 1456-1467.	1.4	95