

Nico Marr

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

4,513
citations

147566

31
h-index

182168

51
g-index

61
all docs

61
docs citations

61
times ranked

9114
citing authors

#	ARTICLE	IF	CITATIONS
1	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	6.0	1,749
2	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , 2021, 6, .	5.6	267
3	Human genetic and immunological determinants of critical COVID-19 pneumonia. <i>Nature</i> , 2022, 603, 587-598.	13.7	216
4	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, .	5.6	148
5	Life-threatening influenza pneumonitis in a child with inherited IRF9 deficiency. <i>Journal of Experimental Medicine</i> , 2018, 215, 2567-2585.	4.2	146
6	A recessive form of hyper-IgE syndrome by disruption of ZNF341-dependent STAT3 transcription and activity. <i>Science Immunology</i> , 2018, 3, .	5.6	132
7	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.	4.2	127
8	Combined immunodeficiency associated with homozygous MALT1 mutations. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1458-1462.e7.	1.5	103
9	Attenuation of Respiratory Syncytial Virus-Induced and RIG-I-Dependent Type I IFN Responses in Human Neonates and Very Young Children. <i>Journal of Immunology</i> , 2014, 192, 948-957.	0.4	95
10	Inherited human IFN- γ deficiency underlies mycobacterial disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 3158-3171.	3.9	89
11	Human T-bet Governs Innate and Innate-like Adaptive IFN- γ Immunity against Mycobacteria. <i>Cell</i> , 2020, 183, 1826-1847.e31.	13.5	83
12	Functional Genetic Variation in <i>NFKBIA</i> and Susceptibility to Childhood Asthma, Bronchiolitis, and Bronchopulmonary Dysplasia. <i>Journal of Immunology</i> , 2013, 190, 3949-3958.	0.4	66
13	Inherited PD-1 deficiency underlies tuberculosis and autoimmunity in a child. <i>Nature Medicine</i> , 2021, 27, 1646-1654.	15.2	65
14	<i>Bordetella pertussis</i> Autotransporter Vag8 Binds Human C1 Esterase Inhibitor and Confers Serum Resistance. <i>PLoS ONE</i> , 2011, 6, e20585.	1.1	64
15	Role of human TLR4 in respiratory syncytial virus-induced NF- κ B activation, viral entry and replication. <i>Innate Immunity</i> , 2012, 18, 856-865.	1.1	64
16	Herpes simplex encephalitis in a patient with a distinctive form of inherited IFNAR1 deficiency. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	64
17	Glucosamine Found as a Substituent of Both Phosphate Groups in <i>Bordetella</i> Lipid A Backbones: Role of a BvgAS-Activated ArnT Ortholog. <i>Journal of Bacteriology</i> , 2008, 190, 4281-4290.	1.0	61
18	Humans with inherited T β cell CD28 deficiency are susceptible to skin papillomaviruses but are otherwise healthy. <i>Cell</i> , 2021, 184, 3812-3828.e30.	13.5	53

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19	Protective activity of the <i>Bordetella pertussis</i> BrkA autotransporter in the murine lung colonization model. <i>Vaccine</i> , 2008, 26, 4306-4311.	1.7	51
20	Inherited human IRAK-1 deficiency selectively impairs TLR signaling in fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E514-E523.	3.3	49
21	Inherited deficiency of stress granule ZNFX1 in patients with monocytosis and mycobacterial disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	47
22	Respiratory syncytial virus infection of primary human mast cells induces the selective production of type I interferons, CXCL10, and CCL4. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1346-1354.e1.	1.5	46
23	Substitution of the <i>Bordetella pertussis</i> Lipid A Phosphate Groups with Glucosamine Is Required for Robust NF- κ B Activation and Release of Proinflammatory Cytokines in Cells Expressing Human but Not Murine Toll-Like Receptor 4-MD-2-CD14. <i>Infection and Immunity</i> , 2010, 78, 2060-2069.	1.0	45
24	Chronic mucocutaneous candidiasis and connective tissue disorder in humans with impaired JNK1-dependent responses to IL-17A/F and TGF- β 2. <i>Science Immunology</i> , 2019, 4, .	5.6	45
25	IL-4R α on CD4+ T cells plays a pathogenic role in respiratory syncytial virus reinfection in mice infected initially as neonates. <i>Journal of Leukocyte Biology</i> , 2013, 93, 933-942.	1.5	44
26	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.	2.0	44
27	IRF4 haploinsufficiency in a family with Whipple's disease. <i>ELife</i> , 2018, 7, .	2.8	43
28	Distinct antibody repertoires against endemic human coronaviruses in children and adults. <i>JCI Insight</i> , 2021, 6, .	2.3	40
29	Fatal Cytomegalovirus Infection in an Adult with Inherited NOS2 Deficiency. <i>New England Journal of Medicine</i> , 2020, 382, 437-445.	13.9	38
30	<i>Bordetella pertussis</i> Binds Human C1 Esterase Inhibitor during the Virulent Phase, to Evade Complement-Mediated Killing. <i>Journal of Infectious Diseases</i> , 2007, 195, 585-588.	1.9	37
31	Minor Modifications to the Phosphate Groups and the C3 Acyl Chain Length of Lipid A in Two <i>Bordetella pertussis</i> Strains, BP338 and 18-323, Independently Affect Toll-like Receptor 4 Protein Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 11751-11760.	1.6	35
32	Genetic, Immunological, and Clinical Features of 32 Patients with Autosomal Recessive STAT1 Deficiency. <i>Journal of Immunology</i> , 2021, 207, 133-152.	0.4	33
33	Hierarchical Maturation of Innate Immune Defences in Very Preterm Neonates. <i>Neonatology</i> , 2014, 106, 1-9.	0.9	32
34	Variability in the Lipooligosaccharide Structure and Endotoxicity among <i>Bordetella pertussis</i> Strains. <i>Journal of Infectious Diseases</i> , 2010, 202, 1897-1906.	1.9	30
35	Human <i>STAT3</i> variants underlie autosomal dominant hyper-IgE syndrome by negative dominance. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	30
36	Pathogen recognition receptor crosstalk in respiratory syncytial virus sensing: a host and cell type perspective. <i>Trends in Microbiology</i> , 2013, 21, 568-574.	3.5	27

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37	Soluble TNF-R1, VEGF and other cytokines as markers of disease activity in systemic lupus erythematosus and lupus nephritis. <i>Lupus</i> , 2019, 28, 713-721.	0.8	23
38	Inherited human c-Rel deficiency disrupts myeloid and lymphoid immunity to multiple infectious agents. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	21
39	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	21
40	Virome-wide serological profiling reveals association of herpesviruses with obesity. <i>Scientific Reports</i> , 2021, 11, 2562.	1.6	18
41	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.	3.3	17
42	Assessment of Genetic Associations between Common Single Nucleotide Polymorphisms in RIG-I-Like Receptor and IL-4 Signaling Genes and Severe Respiratory Syncytial Virus Infection in Children: A Candidate Gene Case-Control Study. <i>PLoS ONE</i> , 2014, 9, e100269.	1.1	13
43	Outcomes of Respiratory Syncytial Virus Immunoprophylaxis in Infants Using an Abbreviated Dosing Regimen of Palivizumab. <i>JAMA Pediatrics</i> , 2016, 170, 174.	3.3	12
44	A curated transcriptome dataset collection to investigate the functional programming of human hematopoietic cells in early life. <i>F1000Research</i> , 2016, 5, 414.	0.8	12
45	A comparative study of the complete lipopolysaccharide structures and biosynthesis loci of <i>Bordetella avium</i> , <i>B. hinzii</i> , and <i>B. trematum</i> . <i>Biochimie</i> , 2019, 159, 81-92.	1.3	10
46	Respiratory syncytial virus-neutralizing serum antibody titers in infants following palivizumab prophylaxis with an abbreviated dosing regimen. <i>PLoS ONE</i> , 2017, 12, e0176152.	1.1	10
47	Dromedary camels as a natural source of neutralizing nanobodies against SARS-CoV-2. <i>JCI Insight</i> , 2021, 6, .	2.3	9
48	A curated transcriptome dataset collection to investigate the blood transcriptional response to viral respiratory tract infection and vaccination.. <i>F1000Research</i> , 2019, 8, 284.	0.8	9
49	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.	2.0	3
50	A curated transcriptome dataset collection to investigate inborn errors of immunity. <i>F1000Research</i> , 2019, 8, 188.	0.8	3
51	A curated transcriptome dataset collection to investigate inborn errors of immunity. <i>F1000Research</i> , 2019, 8, 188.	0.8	3
52	Organizing gene literature retrieval,Âprofiling, and visualization training workshops for early career researchers. <i>F1000Research</i> , 0, 10, 275.	0.8	2
53	A Web-Based Systems Immunology Toolkit Allows the Visualization and Analysis of Public Collective Data to Decipher Immunity in Early Life. , 2016, , .		0