Emmanuelle Jouanguy

List of Publications by Year in Descending Order

119 papers	15,517 citations	59 h-index	124 g-index
135 ext. papers	19,119 ext. citations	15.4 avg, IF	5.46 L-index

#	Paper	IF	Citations
119	Human genetic and immunological determinants of critical COVID-19 pneumonia.. *Nature*, **2022**,	50.4	23
118	Autoantibodies Neutralizing Type I Interferons in 20% of COVID-19 Deaths in a French Hospital.. *Journal of Clinical Immunology*, **2022**, 1	5.7	7
117	Type I interferons and SARS-CoV-2: from cells to organisms.. *Current Opinion in Immunology*, **2022**, 74, 172-182	7.8	4
116	TIM3+ TRBV11-2 T cells and IFN signature in patrolling monocytes and CD16+ NK cells delineate MIS-C.. *Journal of Experimental Medicine*, **2022**, 219,	16.6	9
115	Diagnosis of APS-1 in Two Siblings Following Life-Threatening COVID-19 Pneumonia.. *Journal of Clinical Immunology*, **2022**, 1	5.7	0
114	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	11.5	3
113	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. *Nature Immunology*, **2021**,	19.1	7
112	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,	11.5	3
111	SARS-CoV-2 induces human plasmacytoid pre-dendritic cell diversification via UNC93B and IRAK4 **2021**,		11
110	SARS-CoV-2-related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. *Journal of Experimental Medicine*, **2021**, 218,	16.6	45
109	Preexisting autoantibodies to type I IFNs underlie critical COVID-19 pneumonia in patients with APS-1. *Journal of Experimental Medicine*, **2021**, 218,	16.6	79
108	Insufficient type I IFN immunity underlies life-threatening COVID-19 pneumonia. *Comptes Rendus - Biologies*, **2021**, 344, 19-25	1.4	7
107	Humans with inherited T´cell CD28 deficiency are susceptible to skin papillomaviruses but are otherwise healthy. *Cell*, **2021**, 184, 3812-3828.e30	56.2	18
106	TLR3 controls constitutive IFN- antiviral immunity in human fibroblasts and cortical neurons. *Journal of Clinical Investigation*, **2021**, 131,	15.9	19
105	SARS-CoV-2 induces human plasmacytoid predendritic cell diversification via UNC93B and IRAK4. *Journal of Experimental Medicine*, **2021**, 218,	16.6	65
104	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,	11.5	14
103	Distinct antibody repertoires against endemic human coronaviruses in children and adults. *JCI Insight*, **2021**, 6,	9.9	17

102	Auto-antibodies to type I IFNs can underlie adverse reactions to yellow fever live attenuated vaccine. *Journal of Experimental Medicine*, **2021**, 218,	16.6	49
101	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,	28	91
100	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. *Science Immunology*, **2021**, 6,	28	67
99	Biochemically deleterious human NFKB1 variants underlie an autosomal dominant form of common variable immunodeficiency. *Journal of Experimental Medicine*, **2021**, 218,	16.6	6
98	Autoantibodies neutralizing type I interferons in 20% of COVID-19 deaths in a French hospital **2021** ,		6
97	Human inborn errors of immunity to oncogenic viruses. *Current Opinion in Immunology*, **2021**, 72, 277-285	7.8	0
96	Human genetic and immunological dissection of papillomavirus-driven diseases: new insights into their pathogenesis. *Current Opinion in Virology*, **2021**, 51, 9-15	7.5	3
95	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. *Cell*, **2020**, 181, 1194-1199	56.2	113
94	Severe COVID-19 in the young and healthy: monogenic inborn errors of immunity?. *Nature Reviews Immunology*, **2020**, 20, 455-456	36.5	25
93	JAK Inhibitor Therapy in a Child with Inherited USP18 Deficiency. *New England Journal of Medicine*, **2020**, 382, 256-265	59.2	32
92	Fatal Cytomegalovirus Infection in an Adult with Inherited NOS2 Deficiency. *New England Journal of Medicine*, **2020**, 382, 437-445	59.2	21
91	Human inborn errors of immunity to herpes viruses. *Current Opinion in Immunology*, **2020**, 62, 106-122	7.8	33
90	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	994
89	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	1090
88	Human genetic basis of fulminant viral hepatitis. *Human Genetics*, **2020**, 139, 877-884	6.3	5
87	Candidate Predisposition Variants in Kaposi Sarcoma as Detected by Whole-Genome Sequencing. *Open Forum Infectious Diseases*, **2019**, 6, ofz337	1	1
86	Inherited IL-18BP deficiency in human fulminant viral hepatitis. *Journal of Experimental Medicine*, **2019**, 216, 1777-1790	16.6	42
85	Life-Threatening Infections Due to Live-Attenuated Vaccines: Early Manifestations of Inborn Errors of Immunity. *Journal of Clinical Immunology*, **2019**, 39, 376-390	5.7	26

84	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	7.8	30
83	A CIB1 Splice-Site Founder Mutation in Families with Typical Epidermodysplasia Verruciformis. *Journal of Investigative Dermatology*, **2019**, 139, 1195-1198	4.3	10
82	Immunodeficiencies at the Interface of Innate and Adaptive Immunity **2019**, 509-522.e1		
81	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	16.6	77
80	Inherited Interleukin 2-Inducible T-Cell (ITK) Kinase Deficiency in Siblings With Epidermodysplasia Verruciformis and Hodgkin Lymphoma. *Clinical Infectious Diseases*, **2019**, 68, 1938-1941	11.6	15
79	Identification of an Endoglin Variant Associated With HCV-Related Liver Fibrosis Progression by Next-Generation Sequencing. *Frontiers in Genetics*, **2019**, 10, 1024	4.5	6
78	Homozygous gain-of-function mutation in siblings with a syndromic form of recurrent respiratory papillomatosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 19055-19063	11.5	55
77	Epidermodysplasia Verruciformis: Genetic Heterogeneity and EVER1 and EVER2 Mutations Revealed by Genome-Wide Analysis. *Journal of Investigative Dermatology*, **2019**, 139, 241-244	4.3	11
76	The human CIB1-EVER1-EVER2 complex governs keratinocyte-intrinsic immunity to β-papillomaviruses. *Journal of Experimental Medicine*, **2018**, 215, 2289-2310	16.6	56
75	Epidermodysplasia Verruciformis: Inborn Errors of Immunity to Human Beta-Papillomaviruses. *Frontiers in Microbiology*, **2018**, 9, 1222	5.7	32
74	Recurrent elevated liver transaminases and acute liver failure in two siblings with novel bi-allelic mutations of NBAS. *European Journal of Medical Genetics*, **2017**, 60, 426-432	2.6	23
73	Inherited GINS1 deficiency underlies growth retardation along with neutropenia and NK cell deficiency. *Journal of Clinical Investigation*, **2017**, 127, 1991-2006	15.9	73
72	Dual T cell- and B cell-intrinsic deficiency in humans with biallelic RLTPR mutations. *Journal of Experimental Medicine*, **2016**, 213, 2413-2435	16.6	75
71	Whole-exome sequencing to analyze population structure, parental inbreeding, and familial linkage. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 6713-8	11.5	37
70	Kaposi Sarcoma of Childhood: Inborn or Acquired Immunodeficiency to Oncogenic HHV-8. *Pediatric Blood and Cancer*, **2016**, 63, 392-7	3	33
69	Human intracellular ISG15 prevents interferon-α over-amplification and auto-inflammation. *Nature*, **2015**, 517, 89-93	50.4	311
68	A homozygous mutation of RTEL1 in a child presenting with an apparently isolated natural killer cell deficiency. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 1113-4	11.5	27
67	TLR3 deficiency in herpes simplex encephalitis: high allelic heterogeneity and recurrence risk. *Neurology*, **2014**, 83, 1888-97	6.5	105

66	Compound heterozygous CORO1A mutations in siblings with a mucocutaneous-immunodeficiency syndrome of epidermodysplasia verruciformis-HPV, molluscum contagiosum and granulomatous tuberculoid leprosy. *Journal of Clinical Immunology*, **2014**, 34, 871-90	5.7	65
65	EVER2 deficiency is associated with mild T-cell abnormalities. *Journal of Clinical Immunology*, **2013**, 33, 14-21	5.7	33
64	Inborn errors of the development of human natural killer cells. *Current Opinion in Allergy and Clinical Immunology*, **2013**, 13, 589-95	3.3	22
63	Inherited human OX40 deficiency underlying classic Kaposi sarcoma of childhood. *Journal of Experimental Medicine*, **2013**, 210, 1743-59	16.6	99
62	Inherited disorders of IFN-Ε IFN-ΖΖΕ and NF-Β-mediated immunity **2013**, 454-464		1
61	Impaired intrinsic immunity to HSV-1 in human iPSC-derived TLR3-deficient CNS cells. *Nature*, **2012**, 491, 769-73	50.4	240
60	Genome-wide association study identifies variants associated with progression of liver fibrosis from HCV infection. *Gastroenterology*, **2012**, 143, 1244-1252.e12	13.3	111
59	Inherited MST1 deficiency underlies susceptibility to EV-HPV infections. *PLoS ONE*, **2012**, 7, e44010	3.7	101
58	Partial MCM4 deficiency in patients with growth retardation, adrenal insufficiency, and natural killer cell deficiency. *Journal of Clinical Investigation*, **2012**, 122, 821-32	15.9	201
57	Human RHOH deficiency causes T cell defects and susceptibility to EV-HPV infections. *Journal of Clinical Investigation*, **2012**, 122, 3239-47	15.9	109
56	NEMO is a key component of NF-Β- and IRF-3-dependent TLR3-mediated immunity to herpes simplex virus. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 610-7.e1-4	11.5	57
55	Inborn errors of anti-viral interferon immunity in humans. *Current Opinion in Virology*, **2011**, 1, 487-96	7.5	98
54	Herpes simplex virus encephalitis in a patient with complete TLR3 deficiency: TLR3 is otherwise redundant in protective immunity. *Journal of Experimental Medicine*, **2011**, 208, 2083-98	16.6	223
53	DOCK8 deficiency impairs CD8 T cell survival and function in humans and mice. *Journal of Experimental Medicine*, **2011**, 208, 2305-20	16.6	140
52	Gain-of-function human STAT1 mutations impair IL-17 immunity and underlie chronic mucocutaneous candidiasis. *Journal of Experimental Medicine*, **2011**, 208, 1635-48	16.6	599
51	Herpes simplex encephalitis in children with autosomal recessive and dominant TRIF deficiency. *Journal of Clinical Investigation*, **2011**, 121, 4889-902	15.9	227
50	Whole-exome sequencing-based discovery of STIM1 deficiency in a child with fatal classic Kaposi sarcoma. *Journal of Experimental Medicine*, **2010**, 207, 2307-12	16.6	236
49	Classic Kaposi sarcoma in 3 unrelated Turkish children born to consanguineous kindreds. *Pediatrics*, **2010**, 125, e704-8	7.4	38

48	Interferon gamma receptor 2 gene variants are associated with liver fibrosis in patients with chronic hepatitis C infection. *Gut*, **2010**, 59, 1120-6	19.2	15
47	Age-dependent Mendelian predisposition to herpes simplex virus type 1 encephalitis in childhood. *Journal of Pediatrics*, **2010**, 157, 623-9, 629.e1	3.6	75
46	Primary immunodeficiencies of protective immunity to primary infections. *Clinical Immunology*, **2010**, 135, 204-9	9	57
45	Human TRAF3 adaptor molecule deficiency leads to impaired Toll-like receptor 3 response and susceptibility to herpes simplex encephalitis. *Immunity*, **2010**, 33, 400-11	32.3	262
44	A partial form of recessive STAT1 deficiency in humans. *Journal of Clinical Investigation*, **2009**, 119, 1502-14	15.9	140
43	IRAK-4- and MyD88-dependent pathways are essential for the removal of developing autoreactive B cells in humans. *Immunity*, **2008**, 29, 746-57	32.3	178
42	Recurrent staphylococcal cellulitis and subcutaneous abscesses in a child with autoantibodies against IL-6. *Journal of Immunology*, **2008**, 180, 647-54	5.3	122
41	A role for interleukin-12/23 in the maturation of human natural killer and CD56+ T cells in vivo. *Blood*, **2008**, 111, 5008-16	2.2	46
40	Novel primary immunodeficiencies revealed by the investigation of paediatric infectious diseases. *Current Opinion in Immunology*, **2008**, 20, 39-48	7.8	113
39	Inborn errors of interferon (IFN)-mediated immunity in humans: insights into the respective roles of IFN-alpha/beta, IFN-gamma, and IFN-lambda in host defense. *Immunological Reviews*, **2008**, 226, 29-40	11.3	220
38	Human Toll-like receptor-dependent induction of interferons in protective immunity to viruses. *Immunological Reviews*, **2007**, 220, 225-36	11.3	122
37	Genetic susceptibility to herpes simplex virus 1 encephalitis in mice and humans. *Current Opinion in Allergy and Clinical Immunology*, **2007**, 7, 495-505	3.3	86
36	Human primary immunodeficiencies of type I interferons. *Biochimie*, **2007**, 89, 878-83	4.6	56
35	TLR3 deficiency in patients with herpes simplex encephalitis. *Science*, **2007**, 317, 1522-7	33.3	842
34	Novel STAT1 alleles in otherwise healthy patients with mycobacterial disease. *PLoS Genetics*, **2006**, 2, e131	6	138
33	X-linked susceptibility to mycobacteria is caused by mutations in NEMO impairing CD40-dependent IL-12 production. *Journal of Experimental Medicine*, **2006**, 203, 1745-59	16.6	222
32	Familial NK cell deficiency associated with impaired IL-2- and IL-15-dependent survival of lymphocytes. *Journal of Immunology*, **2006**, 177, 8835-43	5.3	29
31	Human complete Stat-1 deficiency is associated with defective type I and II IFN responses in vitro but immunity to some low virulence viruses in vivo. *Journal of Immunology*, **2006**, 176, 5078-83	5.3	159

30	A novel primary immunodeficiency with specific natural-killer cell deficiency maps to the centromeric region of chromosome 8. *American Journal of Human Genetics*, **2006**, 78, 721-7	11	91
29	Herpes simplex virus encephalitis in human UNC-93B deficiency. *Science*, **2006**, 314, 308-12	33.3	601
28	Inborn errors of IL-12/23- and IFN-gamma-mediated immunity: molecular, cellular, and clinical features. *Seminars in Immunology*, **2006**, 18, 347-61	10.7	366
27	Human TLR-7-, -8-, and -9-mediated induction of IFN-alpha/beta and -lambda Is IRAK-4 dependent and redundant for protective immunity to viruses. *Immunity*, **2005**, 23, 465-78	32.3	228
26	The Jak-STAT signaling pathway is required but not sufficient for the antiviral response of drosophila. *Nature Immunology*, **2005**, 6, 946-53	19.1	466
25	A novel immunodeficiency associated with hypomorphic RAG1 mutations and CMV infection. *Journal of Clinical Investigation*, **2005**, 115, 3291-9	15.9	149
24	A novel developmental and immunodeficiency syndrome associated with intrauterine growth retardation and a lack of natural killer cells. *Pediatrics*, **2004**, 113, 136-41	7.4	37
23	Pherokine-2 and -3. *FEBS Journal*, **2003**, 270, 3398-407		102
22	Impaired response to interferon-alpha/beta and lethal viral disease in human STAT1 deficiency. *Nature Genetics*, **2003**, 33, 388-91	36.3	634
21	Requirement for both IL-12 and IFN-gamma signaling pathways in optimal IFN-gamma production by human T cells. *European Journal of Immunology*, **2002**, 32, 693-700	6.1	19
20	. *Nature Genetics*, **2001**, 28, 7-9	36.3	1
19	Interferon-gamma receptor deficiency mimicking Langerhans cell histiocytosis. *Journal of Pediatrics*, **2001**, 139, 600-3	3.6	31
18	Recurrent Mycobacterium avium osteomyelitis associated with a novel dominant interferon gamma receptor mutation. *Pediatrics*, **2001**, 107, E47	7.4	43
17	Human interferon-gamma-mediated immunity is a genetically controlled continuous trait that determines the outcome of mycobacterial invasion. *Immunological Reviews*, **2000**, 178, 129-37	11.3	133
16	Surface expression of the IFN-gamma R2 chain is regulated by intracellular trafficking in human T lymphocytes. *Journal of Immunology*, **2000**, 164, 201-7	5.3	44
15	Partial interferon-gamma receptor signaling chain deficiency in a patient with bacille Calmette-Guérin and Mycobacterium abscessus infection. *Journal of Infectious Diseases*, **2000**, 181, 379-84	7	152
14	Osteopontin expression correlates with clinical outcome in patients with mycobacterial infection. *American Journal of Pathology*, **2000**, 157, 37-42	5.8	65
13	In a novel form of IFN-gamma receptor 1 deficiency, cell surface receptors fail to bind IFN-gamma. *Journal of Clinical Investigation*, **2000**, 105, 1429-36	15.9	127

12	IL-12 and IFN-gamma in host defense against mycobacteria and salmonella in mice and men. *Current Opinion in Immunology*, **1999**, 11, 346-51	7.8	278
11	A human IFNGR1 small deletion hotspot associated with dominant susceptibility to mycobacterial infection. *Nature Genetics*, **1999**, 21, 370-8	36.3	402
10	Nonpathogenic common variants of IFNGR1 and IFNGR2 in association with total serum IgE levels. *Biochemical and Biophysical Research Communications*, **1999**, 263, 425-9	3.4	25
9	Mendelian susceptibility to mycobacterial infection in man. *Current Opinion in Immunology*, **1998**, 10, 413-7	7.8	92
8	A causative relationship between mutant IFNgR1 alleles and impaired cellular response to IFNgamma in a compound heterozygous child. *American Journal of Human Genetics*, **1998**, 62, 723-6	11	90
7	Impairment of mycobacterial immunity in human interleukin-12 receptor deficiency. *Science*, **1998**, 280, 1432-5	33.3	708
6	Infections in IFNGR-1-deficient children. *Journal of Interferon and Cytokine Research*, **1997**, 17, 583-7	3.5	57
5	Correlation of granuloma structure with clinical outcome defines two types of idiopathic disseminated BCG infection. *Journal of Pathology*, **1997**, 181, 25-30	9.4	91
4	Interferon-gamma-receptor deficiency in an infant with fatal bacille Calmette-Guérin infection. *New England Journal of Medicine*, **1996**, 335, 1956-61	59.2	730
3	Idiopathic Disseminated Bacillus Calmette-Gue rin Infection: A French National Retrospective Study. *Pediatrics*, **1996**, 98, 774-778	7.4	102
2	Immunological conditions of children with BCG disseminated infection. *Lancet, The*, **1995**, 346, 581	40	174
1	Negative selection on human genes causing severe inborn errors depends on disease outcome and both the mode and mechanism of inheritance		1