Filomeen Haerynck

List of Publications by Year
in descending order

74	8,571	117619 34	76898 74
papers	citations	h-index	g-index

81	81	81	13629
all docs	docs citations	times ranked	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	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
3	Mental Health Outcomes Among Parents of Children With a Chronic Disease During the COVID-19 Pandemic: The Role of Parental Burn-Out. Journal of Pediatric Psychology, 2022, 47, 420-431.	2.1	20
4	Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598.	27.8	216
5	TIM3+ TRBV11-2 T cells and IFNÎ³ signature in patrolling monocytes and CD16+ NK cells delineate MIS-C. Journal of Experimental Medicine, 2022, 219, .	8.5	57
6	Acute Perimyocarditis in a Case of Multisystem Inflammatory Syndrome in Adults. Journal of Rheumatology, 2022, , jrheum.210850.	2.0	1
7	Evaluation of Humoral and Cellular Responses in SARS-CoV-2 mRNA Vaccinated Immunocompromised Patients. Frontiers in Immunology, 2022, 13, 858399.	4.8	42
8	Mutations in RNU7-1 Weaken Secondary RNA Structure, Induce MCP-1 and CXCL10 in CSF, and Result in Aicardi-GoutiÃ¨res Syndrome with Severe End-Organ Involvement. Journal of Clinical Immunology, 2022, 42, 962-974.	3.8	8
9	Familial hemophagocytic lymphohistiocytosis type 3 presenting as neonatal cholestasis and splenomegaly. Pediatric Allergy and Immunology, 2022, 33, e13774.	2.6	1
10	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
11	Severe Acute Respiratory Syndrome Coronavirus 2 Vaccination in Children with a History of Multisystem Inflammatory Syndrome in Children: AnÂInternational Survey. Journal of Pediatrics, 2022, 248, 114-118.	1.8	15
12	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. Journal of Experimental Medicine, 2022, 219, .	8.5	59
13	Missing heritability in Bloom syndrome: First report of a deep intronic variant leading to pseudoâ€exon activation in the <scp>BLM</scp> gene. Clinical Genetics, 2021, 99, 292-297.	2.0	3
14	Plasma C3d levels as a diagnostic marker for complete complement factor I deficiency. Journal of Allergy and Clinical Immunology, 2021, 147, 749-753.e2.	2.9	6
15	Distinct antibody repertoires against endemic human coronaviruses in children and adults. JCI Insight, 2021, 6, .	5.0	40
16	Multisystem inflammatory syndrome in children related to COVID-19: a systematic review. European Journal of Pediatrics, 2021, 180, 2019-2034.	2.7	286
17	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
18	Immune Monitoring in Melanoma and Urothelial Cancer Patients Treated with Anti-PD-1 Immunotherapy and SBRT Discloses Tumor Specific Immune Signatures. Cancers, 2021, 13, 2630.	3.7	3

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19	A Novel Non-Coding Variant in DCLRE1C Results in Deregulated Splicing and Induces SCID Through the Generation of a Truncated ARTEMIS Protein That Fails to Support V(D)J Recombination and DNA Damage Repair. Frontiers in Immunology, 2021, 12, 674226.	4.8	2
20	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
21	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
22	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
23	Congenital Defects of Phagocytes. Rare Diseases of the Immune System, 2021, , 97-176.	0.1	0
24	Effect of anti-interleukin drugs in patients with COVID-19 and signs of cytokine release syndrome (COV-AID): a factorial, randomised, controlled trial. Lancet Respiratory Medicine,the, 2021, 9, 1427-1438.	10.7	86
25	Granulomatousâ€“lymphocytic interstitial lung disease: an international research prioritisation. ERJ Open Research, 2021, 7, 00467-2021.	2.6	6
26	GATA2 deficiency and haematopoietic stem cell transplantation: challenges for the clinical practitioner. British Journal of Haematology, 2020, 188, 768-773.	2.5	27
27	Long-term outcome of LRBA deficiency in 76 patients after various treatment modalities as evaluated by the immune deficiency and dysregulation activity (IDDA) score. Journal of Allergy and Clinical Immunology, 2020, 145, 1452-1463.	2.9	112
28	Managing Granulomatousâ€“Lymphocytic Interstitial Lung Disease in Common Variable Immunodeficiency Disorders: e-GLILDnet International Clinicians Survey. Frontiers in Immunology, 2020, 11, 606333.	4.8	10
29	Case Report: Convalescent Plasma, a Targeted Therapy for Patients with CVID and Severe COVID-19. Frontiers in Immunology, 2020, 11, 596761.	4.8	45
30	Dominant-negative mutations in human IL6ST underlie hyper-IgE syndrome. Journal of Experimental Medicine, 2020, 217, .	8.5	64
31	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,749
32	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,983
33	Improved Standardization of Flow Cytometry Diagnostic Screening of Primary Immunodeficiency by Software-Based Automated Gating. Frontiers in Immunology, 2020, 11, 584646.	4.8	11
34	Blood-based test for diagnosis and functional subtyping of familial Mediterranean fever. Annals of the Rheumatic Diseases, 2020, 79, 960-968.	0.9	29
35	EuroFlow Standardized Approach to Diagnostic Immunopheneotyping of Severe PID in Newborns and Young Children. Frontiers in Immunology, 2020, 11, 371.	4.8	17
36	A human immune dysregulation syndrome characterized by severe hyperinflammation with a homozygous nonsense Roquin-1 mutation. Nature Communications, 2019, 10, 4779.	12.8	43

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37	A Computational Pipeline for the Diagnosis of CVID Patients. Frontiers in Immunology, 2019, 10, 2009.	4.8	18
38	Defects in memory B-cell and plasma cell subsets expressing different immunoglobulin-subclasses in patients with CVID and immunoglobulin subclass deficiencies. Journal of Allergy and Clinical Immunology, 2019, 144, 809-824.	2.9	55
39	X-linked agammaglobulinemia (XLA): Phenotype, diagnosis, and therapeutic challenges around the world. World Allergy Organization Journal, 2019, 12, 100018.	3.5	83
40	Homozygous NLRP1 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.	7.1	92
41	Long-term follow-up of IPEX syndrome patients after different therapeutic strategies: An international multicenter retrospective study. Journal of Allergy and Clinical Immunology, 2018, 141, 1036-1049.e5.	2.9	233
42	Structural Activation of Pro-inflammatory Human Cytokine IL-23 by Cognate IL-23 Receptor Enables Recruitment of the Shared Receptor IL-12RÎ²1. Immunity, 2018, 48, 45-58.e6.	14.3	95
43	Ikaros family zinc finger 1 regulates dendritic cell development and function in humans. Nature Communications, 2018, 9, 1239.	12.8	62
44	Development and validation of an LC tandem MS assay for the quantification of Î²-lactam antibiotics in the sputum of cystic fibrosis patients. Journal of Antimicrobial Chemotherapy, 2018, 73, 95-101.	3.0	3
45	A novel IKAROS haploinsufficiency kindred with unexpectedly late and variable B-cell maturation defects. Journal of Allergy and Clinical Immunology, 2018, 141, 432-435.e7.	2.9	41
46	When One Rare Disease Hides Another: Kartagener Syndrome Masking FMF. Clinical Pediatrics, 2018, 57, 981-985.	0.8	0
47	A CARD9 Founder Mutation Disrupts NF-ÎºB Signaling by Inhibiting BCL10 and MALT1 Recruitment and Signalosome Formation. Frontiers in Immunology, 2018, 9, 2366.	4.8	46
48	A novel LPS-responsive beige-like anchor protein (LRBA) mutation presents with normal cytotoxic T lymphocyte-associated protein 4 (CTLA-4) and overactive TH17 immunity. Journal of Allergy and Clinical Immunology, 2018, 142, 1968-1971.	2.9	13
49	Genes at the Crossroad of Primary Immunodeficiencies and Cancer. Frontiers in Immunology, 2018, 9, 2544.	4.8	15
50	The immunophenotypic fingerprint of patients with primary antibody deficiencies is partially present in their asymptomatic first-degree relatives. Haematologica, 2017, 102, 192-202.	3.5	15
51	Exercise performance and quality of life in children with cystic fibrosis and mildly impaired lung function: relation with antibiotic treatments and hospitalization. European Journal of Pediatrics, 2017, 176, 1689-1696.	2.7	11
52	Early-onset primary antibody deficiency resembling common variable immunodeficiency challenges the diagnosis of Wiedeman-Steiner and Roifman syndromes. Scientific Reports, 2017, 7, 3702.	3.3	30
53	Genes associated with common variable immunodeficiency: one diagnosis to rule them all?. Journal of Medical Genetics, 2016, 53, 575-590.	3.2	301
54	Persistentrotavirusdiarrhea post-transplant in a novelJAK3-SCID patient after vaccination. Pediatric Allergy and Immunology, 2016, 27, 93-96.	2.6	17

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55	Familial Mediterranean fever mutations lift the obligatory requirement for microtubules in Pyrin inflammasome activation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14384-14389.	7.1	139
56	Chronic and Invasive Fungal Infections in a Family with CARD9 Deficiency. Journal of Clinical Immunology, 2016, 36, 204-209.	3.8	98
57	Colistin and neurotoxicity: recommendations for optimal use in cystic fibrosis patients. International Journal of Clinical Pharmacy, 2015, 37, 555-558.	2.1	8
58	Lambertâ€“Eaton myasthenic syndrome in a 13-year-old girl with Xp11.22-p11.23 duplication. European Journal of Paediatric Neurology, 2014, 18, 439-443.	1.6	6
59	Pneumococcal Antibody Levels in Children With PID Receiving Immunoglobulin. Pediatrics, 2014, 133, e154-e162.	2.1	15
60	Eradication therapy for Pseudomonas aeruginosa colonization episodes in cystic fibrosis patients not chronically colonized by P. aeruginosa. Journal of Cystic Fibrosis, 2013, 12, 1-8.	0.7	70
61	Genetic variations in toll-like receptor pathway and lung function decline in Cystic Fibrosis patients. Human Immunology, 2013, 74, 1649-1655.	2.4	16
62	Complete Factor I Deficiency Due to Dysfunctional Factor I with Recurrent Aseptic Meningo-Encephalitis. Journal of Clinical Immunology, 2013, 33, 1293-1301.	3.8	28
63	Misdiagnosis as asphyxiating thoracic dystrophy and CMV-associated haemophagocytic lymphohistiocytosis in Shwachman-Diamond syndrome. European Journal of Pediatrics, 2013, 172, 613-622.	2.7	16
64	Polymorphisms in the lectin pathway genes as a possible cause of early chronic Pseudomonas aeruginosa colonization in cystic fibrosis patients. Human Immunology, 2012, 73, 1175-1183.	2.4	47
65	Clinical similarities and differences of patients with X-linked lymphoproliferative syndrome type 1 (XLP-1/SAP deficiency) versus type 2 (XLP-2/XIAP deficiency). Blood, 2011, 117, 1522-1529.	1.4	320
66	Onset of autoimmune lymphoproliferative syndrome (ALPS) in humans as a consequence of genetic defect accumulation. Journal of Clinical Investigation, 2011, 121, 106-112.	8.2	110
67	Revisiting Human IL-12RÎ²1 Deficiency. Medicine (United States), 2010, 89, 381-402.	1.0	367
68	Comparison of culture and qPCR for the detection of Pseudomonas aeruginosa in not chronically infected cystic fibrosis patients. BMC Microbiology, 2010, 10, 245.	3.3	22
69	Milk protein and Oil-Red-O staining of alveolar macrophages in chronic respiratory disease of infancy. Pediatric Pulmonology, 2010, 45, 1213-1219.	2.0	11
70	Genotype based evaluation of Pseudomonas aeruginosa eradication treatment success in cystic fibrosis patients. Journal of Cystic Fibrosis, 2010, 9, 99-103.	0.7	24
71	Disseminated Mycobacterium avium Infection in a Patient with a Novel Mutation in the Interleukin-12 Receptor-Î²1 Chain. Journal of Pediatrics, 2008, 153, 721-722.	1.8	25
72	Mutation 1623_1624delGCinsTTand IL-12Rb1 Deficiency: A Mutational Founder Effect on the Most Frequently Affected Gene for Mendelian Susceptibility to Mycobacterial Disease. International Journal of Infectious Diseases, 2008, 12, S4.	3.3	0

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73	Achromobacter xylosoxidans in cystic fibrosis: Prevalence and clinical relevance. Journal of Cystic Fibrosis, 2007, 6, 75-78.	0.7	140
74	Factors Influencing Long Term Persistence of Sinus Rhythm After a First Electrical Cardioversion for Atrial Fibrillation. PACE - Pacing and Clinical Electrophysiology, 1998, 21, 284-287.	1.2	64