

Fabien Touzot

List of Publications by Year in descending order

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73
papers

3,450
citations

218677

26
h-index

144013

57
g-index

77
all docs

77
docs citations

77
times ranked

5852
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical spectrum and features of activated phosphoinositide 3-kinase γ syndrome: A large patient cohort study. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 597-606.e4.	2.9	377
2	A Modified β -Retrovirus Vector for X-Linked Severe Combined Immunodeficiency. <i>New England Journal of Medicine</i> , 2014, 371, 1407-1417.	27.0	358
3	Outcomes Following Gene Therapy in Patients With Severe Wiskott-Aldrich Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 1550.	7.4	327
4	Clinical similarities and differences of patients with X-linked lymphoproliferative syndrome type 1 (XLP-1/SAP deficiency) versus type 2 (XLP-2/XIAP deficiency). <i>Blood</i> , 2011, 117, 1522-1529.	1.4	320
5	Evidence of innate lymphoid cell redundancy in humans. <i>Nature Immunology</i> , 2016, 17, 1291-1299.	14.5	260
6	Human RTEL1 deficiency causes Hoyeraalâ€Hreidarsson syndrome with short telomeres and genome instability. <i>Human Molecular Genetics</i> , 2013, 22, 3239-3249.	2.9	150
7	Inherited CD70 deficiency in humans reveals a critical role for the CD70â€CD27 pathway in immunity to Epstein-Barr virus infection. <i>Journal of Experimental Medicine</i> , 2017, 214, 73-89.	8.5	122
8	Unraveling the pathogenesis of Hoyeraalâ€Hreidarsson syndrome, a complex telomere biology disorder. <i>British Journal of Haematology</i> , 2015, 170, 457-471.	2.5	105
9	Major histocompatibility complex class II expression deficiency caused by a RFXANK founder mutation: a survey of 35 patients. <i>Blood</i> , 2011, 118, 5108-5118.	1.4	102
10	Primary T-cell immunodeficiency with immunodysregulation caused by autosomal recessive LCK deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1144-1152.e11.	2.9	96
11	Haploidentical Hematopoietic Stem Cell Transplantation with Post-Transplant Cyclophosphamide for Primary Immunodeficiencies and Inherited Disorders in Children. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 1363-1373.	2.0	78
12	Function of Apollo (SNM1B) at telomere highlighted by a splice variant identified in a patient with Hoyeraalâ€Hreidarsson syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10097-10102.	7.1	76
13	Hyperinflammation in patients with chronic granulomatous disease leads to impairment of hematopoietic stem cell functions. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 219-228.e9.	2.9	74
14	Prevalence and Clinical Impact of Norovirus Fecal Shedding in Children with Inherited Immune Deficiencies. <i>Journal of Infectious Diseases</i> , 2012, 206, 1269-1274.	4.0	65
15	Faster T-cell development following gene therapy compared with haploidentical HSCT in the treatment of SCID-X1. <i>Blood</i> , 2015, 125, 3563-3569.	1.4	64
16	An in vivo genetic reversion highlights the crucial role of Myb-Like, SWIRM, and MPN domains 1 (MYSM1) in human hematopoiesis and lymphocyte differentiation. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1619-1626.e5.	2.9	63
17	CD45RA depletion in HLA-mismatched allogeneic hematopoietic stem cell transplantation for primary combined immunodeficiency: A preliminary study. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1303-1309.e3.	2.9	57
18	Genetic, Cellular and Clinical Features of ICF Syndrome: a French National Survey. <i>Journal of Clinical Immunology</i> , 2016, 36, 149-159.	3.8	48

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19	Gene therapy for inherited immunodeficiency. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 789-798.	3.1	46
20	Primary Microcephaly, Impaired DNA Replication, and Genomic Instability Caused by Compound Heterozygous <i>ATR</i> Mutations. <i>Human Mutation</i> , 2013, 34, 374-384.	2.5	43
21	Gene therapy for primary immunodeficiencies. <i>Clinical Genetics</i> , 2015, 88, 507-515.	2.0	36
22	Innovative Curative Treatment of Beta Thalassemia: Cost-Efficacy Analysis of Gene Therapy Versus Allogeneic Hematopoietic Stem-Cell Transplantation. <i>Human Gene Therapy</i> , 2019, 30, 753-761.	2.7	36
23	Heterogeneous telomere defects in patients with severe forms of dyskeratosis congenita. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 473-482.e3.	2.9	34
24	Neuroinflammatory Disease as an Isolated Manifestation of Hemophagocytic Lymphohistiocytosis. <i>Journal of Clinical Immunology</i> , 2020, 40, 901-916.	3.8	33
25	Mammalian target of rapamycin inhibition counterbalances the inflammatory status of immune cells in patients with chronic granulomatous disease. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1641-1649.e6.	2.9	30
26	Outcomes of Gene Therapy for Severe Sickle Disease and Beta-Thalassemia Major Via Transplantation of Autologous Hematopoietic Stem Cells Transduced Ex Vivo with a Lentiviral Beta AT87Q-Globin Vector. <i>Blood</i> , 2015, 126, 202-202.	1.4	28
27	Functional classification of <i>ATM</i> variants in ataxia-telangiectasia patients. <i>Human Mutation</i> , 2019, 40, 1713-1730.	2.5	27
28	Dramatic interaction between levothyroxine and lopinavir/ritonavir in a HIV-infected patient. <i>Aids</i> , 2006, 20, 1210-1212.	2.2	26
29	Temporal and Spatial Compartmentalization of Drug-Resistant Cytomegalovirus (CMV) in a Child with CMV Meningoencephalitis: Implications for Sampling in Molecular Diagnosis. <i>Journal of Clinical Microbiology</i> , 2013, 51, 4266-4269.	3.9	26
30	Rapamycin as an Adjunctive Therapy for NLRP4 Associated Macrophage Activation Syndrome. <i>Frontiers in Immunology</i> , 2018, 9, 2162.	4.8	26
31	Inherited Immunodeficiency: A New Association With Early-Onset Childhood Panniculitis. <i>Pediatrics</i> , 2018, 141, S496-S500.	2.1	24
32	Extensive multilineage analysis in patients with mixed chimerism after allogeneic transplantation for sickle cell disease: insight into hematopoiesis and engraftment thresholds for gene therapy. <i>Haematologica</i> , 2020, 105, 1240-1247.	3.5	24
33	Adenoviral Infection Presenting as an Isolated Central Nervous System Disease without Detectable Viremia in Two Children after Stem Cell Transplantation. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2361-2364.	3.9	23
34	In hematopoietic cells with a germline mutation of CBL, loss of heterozygosity is not a signature of juvenile myelo-monocytic leukemia. <i>Leukemia</i> , 2013, 27, 2404-2407.	7.2	23
35	Very Early-Onset Inflammatory Manifestations of X-Linked Chronic Granulomatous Disease. <i>Frontiers in Immunology</i> , 2017, 8, 1167.	4.8	23
36	Massive expansion of maternal T cells in response to EBV infection in a patient with SCID-XI. <i>Blood</i> , 2012, 120, 1957-1959.	1.4	21

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37	Specific T cells for the treatment of cytomegalovirus and/or adenovirus in the context of hematopoietic stem cell transplantation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 920-924.e3.	2.9	21
38	Extended clinical and genetic spectrum associated with biallelic RTEL1 mutations. <i>Blood Advances</i> , 2016, 1, 36-46.	5.2	19
39	Inherited human ApoE deficiency causes severe bone marrow failure and developmental defects. <i>Blood</i> , 2022, 139, 2427-2440.	1.4	14
40	Safety of CD34+ Hematopoietic Stem Cells and CD4+ T Lymphocytes Transduced with LVsh5/C46 in HIV-1 Infected Patients with High-Risk Lymphoma. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 13, 303-309.	4.1	13
41	Stem cell transplantation for primary immunodeficiencies. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2014, 14, 516-520.	2.3	12
42	Circulating endothelial cells as markers of endothelial dysfunction during hematopoietic stem cell transplantation for pediatric primary immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1203-1206.	2.9	12
43	Study Hgb-205: Outcomes of Gene Therapy for Hemoglobinopathies Via Transplantation of Autologous Hematopoietic Stem Cells Transduced Ex Vivo with a Lentiviral β^0 -T87Q-Globin Vector (LentiGlobin [®]) Tj ETQq1 1 @.784314 rgBT /Over		
44	Successful in utero stem cell transplantation in X-linked severe combined immunodeficiency. <i>Blood Advances</i> , 2019, 3, 237-241.	5.2	9
45	Hepatitis E virus in hematopoietic stem cell donors: Towards a systematic HEV screening of donors?. <i>Journal of Infection</i> , 2015, 71, 141-144.	3.3	8
46	CRISPR gene-engineered CYBB δ THP-1 cell lines highlight the crucial role of NADPH-induced reactive oxygen species for regulating inflammasome activation. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1690-1693.e5.	2.9	8
47	Safety of hematopoietic stem cell transplantation from hepatitis B core antibodies-positive donors with low/undetectable viremia in HBV-naïve children. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 545-550.	2.9	7
48	Successful management of familial hemophagocytic lymphohistiocytosis by the JAK 1/2 inhibitor ruxolitinib. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28954.	1.5	6
49	279. Clinical Outcomes of Gene Therapy with BB305 Lentiviral Vector for Sickle Cell Disease and β^0 -Thalassemia. <i>Molecular Therapy</i> , 2016, 24, S111-S112.	8.2	5
50	Evaluation of antithymocyte globulin pharmacokinetics and pharmacodynamics in children. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 306-309.e4.	2.9	4
51	Multicentric Castleman disease revealing complete signal transducer and activator of transcription 1 deficiency treated by JAK1/2 inhibition. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3838-3840.e1.	3.8	4
52	Update from the Hgb-205 Phase 1/2 Clinical Study of Lentiglobin Gene Therapy: Sustained Clinical Benefit in Severe Hemoglobinopathies. <i>Blood</i> , 2016, 128, 2311-2311.	1.4	4
53	Understanding therapeutic emergencies in acute hemolysis. <i>Intensive Care Medicine</i> , 2018, 44, 482-485.	8.2	3
54	Polyarthritides and anemia in a hemodialysis patient: systemic lupus erythematosus following treatment with Interferon alpha. <i>Clinical Nephrology</i> , 2010, 73, 318-320.	0.7	3

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55	Abdominal cellulitis due to Escherichia coli in a two month old premature newborn. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2006, 91, F442-F442.	2.8	1
56	689. The Content of the More Immature Hematopoietic Stem Cells (HSCs) Is Dependent from the Underlying Genetic Diseases: Consequence on Transduction Efficiencies. Molecular Therapy, 2016, 24, S273.	8.2	1
57	Tu1876 A PILOT DOUBLE-BLIND RANDOMIZED CONTROLLED TRIAL ON VITAMIN D3 IN CHILDREN WITH NEWLY DIAGNOSED CROHN'S DISEASE. Gastroenterology, 2020, 158, S-1199-S-1200.	1.3	1
58	Idiopathic thrombocytopenic purpura revealed by a severe hemorrhagic syndrome in a seven month old infant. Annales Francaises De Medecine D'Urgence, 2013, 3, 40-43.	0.1	0
59	Idiopathic Acute Eosinophilic Pneumonia. Pediatric, Allergy, Immunology, and Pulmonology, 2013, 26, 38-41.	0.8	0
60	AB0967â€¦Auto-Inflammatory Diseases Are a Main Cause of Early-Onset Panniculitis. Annals of the Rheumatic Diseases, 2015, 74, 1222.1-1222.	0.9	0
61	The Immunologic Complications and Genetic Origins of Telomere Disorders. , 2016, , 451-457.		0
62	231. Mixed Chimerism After Allogeneic Hematopoietic Stem Cell Transplantation in Sickle Cell Disease: Preliminary Results on Peripheral Blood Sorted Subpopulations and Erythroid Progenitors. Molecular Therapy, 2016, 24, S90-S91.	8.2	0
63	754. Exploring the Human Hematopoietic Hierarchy Through Retroviral Integration Sites Tracking in the Wiskott Aldrich Syndrome Gene Therapy Trial. Molecular Therapy, 2016, 24, S298.	8.2	0
64	225. Preserving CD4+ T-Cells Phenotype and Function Upon Ex Vivo Lentiviral Transduction. Molecular Therapy, 2016, 24, S88.	8.2	0
65	Reply. Journal of Allergy and Clinical Immunology, 2016, 138, 633-634.	2.9	0
66	Mo1902 NON-MONOGENIC VERY EARLY ONSET INFLAMMATORY BOWEL DISEASE: A TERTIARY CENTER SIX YEARS RETROSPECTIVE EXPERIENCE. Gastroenterology, 2020, 158, S-970.	1.3	0
67	Cytokine Environement Analysis During Allogeneic Hematopoietic Stem Cell Transplantation for Inherited Diseases. Blood, 2012, 120, 4484-4484.	1.4	0
68	Anti CMV and/or Anti Adenovirus IFN-g-Positive CD4+ CD8+ T Lymphocytes for Treatment of Viral Infections After Allogeneic HSC Transplantation: First Results. Blood, 2012, 120, 1906-1906.	1.4	0
69	Circulating Endothelial Cells As a Reliable Marker Of Endothelial Damage In Children Undergoing Hematopoietic Stem Cell Transplantation. Blood, 2013, 122, 2049-2049.	1.4	0
70	Optimizing CD4+ T-Cells Transduction Protocol for Gene Therapy of HIV-1 Infected Patients. Blood, 2015, 126, 4429-4429.	1.4	0
71	B Cell Reconstitution after Gene Therapy in Patients with Wiskott Aldrich Syndrome and Comparison with Mismatched Allogeneic Hematopoietic Stem Cell Transplantation. Blood, 2015, 126, 3235-3235.	1.4	0
72	Reiterated Therapeutic Drug Monitoring (TDM) Dosing to Significantly Improve the Control of Exposure to IV Busulfan in Infants and Older Children Undergoing Hematopoietic Stem-Cell Transplantation (HSCT). Blood, 2015, 126, 4326-4326.	1.4	0

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73	Treatment of Post- HSCT Immunodeficiency By Infusion of Ex Vivo- Generated T Cell Precursors from Adult and Cord Blood Hematopoietic Stem and Progenitor Cells. Blood, 2015, 126, 1887-1887.	1.4	0