Rebecca A Marsh

List of Publications by Year
in descending order

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115 papers	5,380 citations	94433 37 h-index	91884 69 g-index
120 all docs	120 docs citations	120 times ranked	5719 citing authors

#	Article	IF	Citations
1	Patients with LRBA deficiency show CTLA4 loss and immune dysregulation responsive to abatacept therapy. Science, 2015, 349, 436-440.	12.6	580
2	Hypomorphic mutations in PRF1, MUNC13-4, and STXBP2 are associated with adult-onset familial HLH. Blood, 2011, 118, 5794-5798.	1.4	349
3	Salvage therapy of refractory hemophagocytic lymphohistiocytosis with alemtuzumab. Pediatric Blood and Cancer, 2013, 60, 101-109.	1.5	246
4	Reduced-intensity conditioning significantly improves survival of patients with hemophagocytic lymphohistiocytosis undergoing allogeneic hematopoietic cell transplantation. Blood, 2010, 116, 5824-5831.	1.4	241
5	Pediatric hemophagocytic lymphohistiocytosis. Blood, 2020, 135, 1332-1343.	1.4	226
6	XIAP deficiency: a unique primary immunodeficiency best classified as X-linked familial hemophagocytic lymphohistiocytosis and not as X-linked lymphoproliferative disease. Blood, 2010, 116, 1079-1082.	1.4	223
7	X-linked lymphoproliferative syndromes: brothers or distant cousins?. Blood, 2010, 116, 3398-3408.	1.4	150
8	Dominant-negative IKZF1 mutations cause a T, B, and myeloid cell combined immunodeficiency. Journal of Clinical Investigation, 2018, 128, 3071-3087.	8.2	133
9	Allogeneic hematopoietic cell transplantation for XIAP deficiency: an international survey reveals poor outcomes. Blood, 2013, 121, 877-883.	1.4	132
10	Restimulation-induced apoptosis of T cells is impaired in patients with X-linked lymphoproliferative disease caused by SAP deficiency. Journal of Clinical Investigation, 2009, 119, 2976-89.	8.2	126
11	Perforin and CD107a testing is superior to NK cell function testing for screening patients for genetic HLH. Blood, 2017, 129, 2993-2999.	1.4	114
12	Sustained elevation of serum interleukin-18 and its association with hemophagocytic lymphohistiocytosis in XIAP deficiency. Cytokine, 2014, 65, 74-78.	3.2	112
13	Epsteinâ€“Barr Virus and Hemophagocytic Lymphohistiocytosis. Frontiers in Immunology, 2017, 8, 1902.	4.8	99
14	Ruxolitinib as Salvage Therapy in Steroid-Refractory Acute Graft-versus-Host Disease in Pediatric Hematopoietic Stem Cell Transplant Patients. Biology of Blood and Marrow Transplantation, 2017, 23, 1122-1127.	2.0	96
15	Use of Genetic Testing for Primary Immunodeficiency Patients. Journal of Clinical Immunology, 2018, 38, 320-329.	3.8	88
16	The minimum required level of donor chimerism in hereditary hemophagocytic lymphohistiocytosis. Blood, 2016, 127, 3281-3290.	1.4	83
17	Reduced-intensity conditioning for hematopoietic cell transplant for HLH and primary immune deficiencies. Blood, 2018, 132, 1438-1451.	1.4	78
18	Hemophagocytic Lymphohistiocytosis: Clinical Presentations and Diagnosis. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 824-832.	3.8	76

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19	Using flow cytometry to screen patients for X-linked lymphoproliferative disease due to SAP deficiency and XIAP deficiency. Journal of Immunological Methods, 2010, 362, 1-9.	1.4	69
20	Alemtuzumab levels impact acute GVHD, mixed chimerism, and lymphocyte recovery following alemtuzumab, fludarabine, and melphalan RIC HCT. Blood, 2016, 127, 503-512.	1.4	69
21	An Intermediate Alemtuzumab Schedule Reduces the Incidence of Mixed Chimerism Following Reduced-Intensity Conditioning Hematopoietic Cell Transplantation for Hemophagocytic Lymphohistiocytosis. Biology of Blood and Marrow Transplantation, 2013, 19, 1625-1631.	2.0	65
22	Experience with Alemtuzumab, Fludarabine, and Melphalan Reduced-Intensity Conditioning Hematopoietic Cell Transplantation in Patients with Nonmalignant Diseases Reveals Good Outcomes and That the Risk of Mixed Chimerism Depends on Underlying Disease, Stem Cell Source, and Alemtuzumab Regimen. Biology of Blood and Marrow Transplantation, 2015, 21, 1460-1470.	2.0	65
23	Standardizing Definitions of Hematopoietic Recovery, Graft Rejection, Graft Failure, Poor Graft Function, and Donor Chimerism in Allogeneic Hematopoietic Cell Transplantation: A Report on Behalf of the American Society for Transplantation and Cellular Therapy. Transplantation and Cellular Therapy, 2021, 27, 642-649.	1.2	65
24	Reducedâ€intensity conditioning haematopoietic cell transplantation for haemophagocytic lymphohistiocytosis: an important step forward. British Journal of Haematology, 2011, 154, 556-563.	2.5	64
25	T-cell activation profiles distinguish hemophagocytic lymphohistiocytosis and early sepsis. Blood, 2021, 137, 2337-2346.	1.4	63
26	A rapid flow cytometric screening test for Xâ€linked lymphoproliferative disease due to XIAP deficiency. Cytometry Part B - Clinical Cytometry, 2009, 76B, 334-344.	1.5	57
27	Elevated Granzyme B in Cytotoxic Lymphocytes is a Signature of Immune Activation in Hemophagocytic Lymphohistiocytosis. Frontiers in Immunology, 2013, 4, 72.	4.8	57
28	Hematopoietic Cell Transplantation in Patients With Primary Immune Regulatory Disorders (PIRD): A Primary Immune Deficiency Treatment Consortium (PIDTC) Survey. Frontiers in Immunology, 2020, 11, 239.	4.8	57
29	Patients with X-linked lymphoproliferative disease due to BIRC4 mutation have normal invariant natural killer T-cell populations. Clinical Immunology, 2009, 132, 116-123.	3.2	51
30	Outcomes of Donor Lymphocyte Infusion for Treatment of Mixed Donor Chimerism after a Reduced-Intensity Preparative Regimen for Pediatric Patients with Nonmalignant Diseases. Biology of Blood and Marrow Transplantation, 2015, 21, 288-292.	2.0	50
31	APOL1-Associated Collapsing Focal Segmental Glomerulosclerosis in a Patient With Stimulator of Interferon Genes (STING)-Associated Vasculopathy With Onset in Infancy (SAVI). American Journal of Kidney Diseases, 2020, 75, 287-290.	1.9	48
32	Bortezomib for Refractory Autoimmunity in Pediatrics. Biology of Blood and Marrow Transplantation, 2014, 20, 1654-1659.	2.0	47
33	Reduced-Intensity Conditioning Hematopoietic Cell Transplantation Is an Effective Treatment for Patients withÂSLAM-Associated Protein Deficiency/X-linked Lymphoproliferative Disease Type 1. Biology of Blood and Marrow Transplantation, 2014, 20, 1641-1645.	2.0	46
34	Histiocytic disorders. Nature Reviews Disease Primers, 2021, 7, 73.	30.5	46
35	Salvage therapy for refractory hemophagocytic lymphohistiocytosis: A review of the published experience. Pediatric Blood and Cancer, 2017, 64, e26308.	1.5	43
36	STX11 mutations and clinical phenotypes of familial hemophagocytic lymphohistiocytosis in North America. Pediatric Blood and Cancer, 2010, 55, 134-140.	1.5	42

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37	How i treat primary haemophagocytic lymphohistiocytosis. British Journal of Haematology, 2018, 182, 185-199.	2.5	42
38	The transcription factor Bcl11b promotes both canonical and adaptive NK cell differentiation. Science Immunology, 2021, 6, .	11.9	42
39	Allogeneic Hematopoietic Cell Transplantation for Chronic Granulomatous Disease: Controversies and State of the Art. Journal of the Pediatric Infectious Diseases Society, 2018, 7, S31-S39.	1.3	41
40	Chronic Granulomatous Disease-Associated IBD Resolves and Does Not Adversely Impact Survival Following Allogeneic HCT. Journal of Clinical Immunology, 2019, 39, 653-667.	3.8	41
41	Clinical flow cytometric screening of SAP and XIAP expression accurately identifies patients withSH2D1AandXIAP/BIRC4mutations. , 2014, 86, 263-271.		38
42	Evolution of Our Understanding of XIAP Deficiency. Frontiers in Pediatrics, 2021, 9, 660520.	1.9	38
43	Allogeneic hematopoietic stem cell transplantation for severe, refractory juvenile idiopathic arthritis. Blood Advances, 2018, 2, 777-786.	5.2	37
44	Contemporary diagnostic methods for hemophagocytic lymphohistiocytic disorders. Journal of Immunological Methods, 2011, 364, 1-13.	1.4	35
45	Thinking Beyond HLH: Clinical Features of Patients with Concurrent Presentation of Hemophagocytic Lymphohistiocytosis and Thrombotic Microangiopathy. Journal of Clinical Immunology, 2020, 40, 699-707.	3.8	35
46	A challenging undertaking: Stem cell transplantation for immune dysregulation, polyendocrinopathy, enteropathy, X-linked (IPEX) syndrome. Journal of Allergy and Clinical Immunology, 2016, 137, 953-955.e4.	2.9	34
47	Neuroinflammatory Disease as an Isolated Manifestation of Hemophagocytic Lymphohistiocytosis. Journal of Clinical Immunology, 2020, 40, 901-916.	3.8	33
48	Accuracy of flow cytometric perforin screening for detecting patients with FHL due to PRF1 mutations. Blood, 2015, 126, 1858-1860.	1.4	29
49	Frequency and spectrum of disease-causing variants in 1892 patients with suspected genetic HLH disorders. Blood Advances, 2020, 4, 2578-2594.	5.2	29
50	Clinical Flow Cytometric Screening of SAP and XIAP Expression Accurately Identifies Patients withSH2D1AandXIAP/BIRC4Mutations. , 2014, , n/a-n/a.		28
51	Cytokine Profile of Engraftment Syndrome in Pediatric Hematopoietic Stem Cell Transplant Recipients. Biology of Blood and Marrow Transplantation, 2016, 22, 690-697.	2.0	28
52	A Reduced-Intensity Conditioning Regimen for Patients with Dyskeratosis Congenita Undergoing Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2016, 22, 884-888.	2.0	28
53	T cell dynamics and response of the microbiota after gene therapy to treat X-linked severe combined immunodeficiency. Genome Medicine, 2018, 10, 70.	8.2	28
54	Antibody deficiency testing for primary immunodeficiency. Annals of Allergy, Asthma and Immunology, 2019, 123, 444-453.	1.0	28

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55	Peripheral Blood CD38 Bright CD8+ Effector Memory T Cells Predict Acute Graft-versus-Host Disease. Biology of Blood and Marrow Transplantation, 2015, 21, 1215-1222.	2.0	25
56	TNFR2 induced priming of the inflammasome leads to a RIPK1-dependent cell death in the absence of XIAP. Cell Death and Disease, 2019, 10, 700.	6.3	25
57	Pretransplant Absolute Lymphocyte Counts Impact the Pharmacokinetics of Alemtuzumab. Biology of Blood and Marrow Transplantation, 2017, 23, 635-641.	2.0	24
58	Impaired immune function in children and adults with Fanconi anemia. Pediatric Blood and Cancer, 2017, 64, e26599.	1.5	24
59	Nucleotide-binding oligomerization domain (NOD) signaling defects and cell death susceptibility cannot be uncoupled in X-linked inhibitor of apoptosis (XIAP)-driven inflammatory disease. Journal of Biological Chemistry, 2017, 292, 9666-9679.	3.4	23
60	A Single-Center Experience Comparing Alemtuzumab, Fludarabine, and Melphalan Reduced-Intensity Conditioning with Myeloablative Busulfan, Cyclophosphamide, and Antithymocyte Globulin for Chronic Granulomatous Disease. Biology of Blood and Marrow Transplantation, 2016, 22, 2011-2018.	2.0	22
61	Hemophagocytic lymphohistiocytosis in a female patient due to a heterozygous XIAP mutation and skewed X chromosome inactivation. Pediatric Blood and Cancer, 2015, 62, 1288-1290.	1.5	21
62	Screening for Wiskott-Aldrich syndrome by flow cytometry. Journal of Allergy and Clinical Immunology, 2018, 142, 333-335.e8.	2.9	20
63	Adenosine Deaminase (ADA)â€“Deficient Severe Combined Immune Deficiency (SCID) in the US Immunodeficiency Network (USIDNet) Registry. Journal of Clinical Immunology, 2020, 40, 1124-1131.	3.8	19
64	A Prospective Study of Alemtuzumab as a Second-Line Agent for Steroid-Refractory Acute Graft-versus-Host Disease in Pediatric and Young Adult Allogeneic Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2016, 22, 2220-2225.	2.0	18
65	CD38brightCD8+ T Cells Associated with the Development of Acute GVHD Are Activated, Proliferating, and Cytotoxic Trafficking Cells. Biology of Blood and Marrow Transplantation, 2020, 26, 1-6.	2.0	18
66	Incidence and Outcomes of Central Nervous System Hemophagocytic Lymphohistiocytosis Relapse after Reduced-Intensity Conditioning Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2017, 23, 857-860.	2.0	17
67	Treatment dilemmas in asymptomatic children with primary hemophagocytic lymphohistiocytosis. Blood, 2018, 132, 2088-2096.	1.4	17
68	Relationship Between Severity of T Cell Lymphopenia and Immune Dysregulation in Patients with DiGeorge Syndrome (22q11.2 Deletions and/or Related TBX1 Mutations): a USIDNET Study. Journal of Clinical Immunology, 2021, 41, 29-37.	3.8	17
69	Comparison of hematopoietic cell transplant conditioning regimens for hemophagocytic lymphohistiocytosis disorders. Journal of Allergy and Clinical Immunology, 2022, 149, 1097-1104.e2.	2.9	16
70	Flow Cytometric Measurement of SLAM-Associated Protein and X-Linked Inhibitor of Apoptosis. Methods in Molecular Biology, 2013, 979, 189-197.	0.9	15
71	Hypogammaglobulinemia with decreased class-switched B-cells and dysregulated T-follicular-helper cells in IPEX syndrome. Clinical Immunology, 2018, 197, 219-223.	3.2	15
72	Current Flow Cytometric Assays for the Screening and Diagnosis of Primary HLH. Frontiers in Immunology, 2019, 10, 1740.	4.8	15

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73	A Case of XIAP Deficiency Successfully Managed with Tadekinig Alfa (rhIL-18BP). Journal of Clinical Immunology, 2022, 42, 901-903.	3.8	15
74	Practice pattern changes and improvements in hematopoietic cell transplantation for primary immunodeficiencies. Journal of Allergy and Clinical Immunology, 2018, 142, 2004-2007.	2.9	14
75	T-follicular helper cell expansion and chronic T-cell activation are characteristic immune anomalies in Evans syndrome. Blood, 2022, 139, 369-383.	1.4	14
76	Outcome of patients with NEMO deficiency following allogeneic hematopoietic cell transplant. Journal of Allergy and Clinical Immunology, 2017, 139, 1040-1043.e2.	2.9	13
77	Post-Transplant CD34+â€‰Selected Stem Cell â€œBoostâ€•for Mixed Chimerism after Reduced-Intensity Conditioning Hematopoietic Stem Cell Transplantation in Children and Young Adults with Primary Immune Deficiencies. Biology of Blood and Marrow Transplantation, 2018, 24, 1527-1529.	2.0	13
78	Reduced-intensity single-unit unrelated cord blood transplant with optional immune boost for nonmalignant disorders. Blood Advances, 2020, 4, 3041-3052.	5.2	13
79	Experience with a Reduced Toxicity Allogeneic Transplant Regimen for Non-CGD Primary Immune Deficiencies Requiring Myeloablation. Journal of Clinical Immunology, 2021, 41, 89-98.	3.8	13
80	Quercetin ameliorates XIAP deficiencyâ€“associated hyperinflammation. Blood, 2022, 140, 706-715.	1.4	12
81	Chronic Granulomatous Disease With Inflammatory Bowel Disease: Clinical Presentation, Treatment, and Outcomes From the USIDNET Registry. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 1325-1333.e5.	3.8	11
82	Ibrutinib for the treatment of chronic graftâ€vsâ€host disease in pediatric hematopoietic stem cell transplant patients: A singleâ€center experience. Pediatric Transplantation, 2020, 24, e13692.	1.0	10
83	HIF1A is a critical downstream mediator for hemophagocytic lymphohistiocytosis. Haematologica, 2017, 102, 1956-1968.	3.5	9
84	Î±4Î²7 Integrin expression and blockade in pediatric and young adult gastrointestinal graftâ€versusâ€host disease. Pediatric Blood and Cancer, 2021, 68, e28968.	1.5	9
85	Reduced-Intensity/Reduced-Toxicity Conditioning Approaches Are Tolerated in XIAP Deficiency but Patients Fare Poorly with Acute GVHD. Journal of Clinical Immunology, 2021, , 1.	3.8	9
86	Familial hemophagocytic lymphohistiocytosis and Xâ€linked lymphoproliferative disease. Annals of the New York Academy of Sciences, 2011, 1238, 106-121.	3.8	8
87	A Pharmacokinetic and Pharmacodynamic Study of Maraviroc as Acute Graft-versus-Host Disease Prophylaxis in Pediatric Allogeneic Stem Cell Transplant Recipients with Nonmalignant Diagnoses. Biology of Blood and Marrow Transplantation, 2016, 22, 1829-1835.	2.0	8
88	Modelâ€informed precision dosing for alemtuzumab in paediatric and young adult patients undergoing allogeneic haematopoietic cell transplantation. British Journal of Clinical Pharmacology, 2021, , .	2.4	8
89	Daratumumab for the management of autoimmune cytopenias in children and young adults: a case series. British Journal of Haematology, 2021, 194, e84-e89.	2.5	7
90	A Toolkit and Framework for Optimal Laboratory Evaluation of Individuals with Suspected Primary Immunodeficiency. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3293-3307.e6.	3.8	7

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91	Neutropenia Is an Underrecognized Finding in Pediatric Primary Immunodeficiency Diseases: An Analysis of the United States Immunodeficiency Network Registry. Journal of Pediatric Hematology/Oncology, 2020, 42, e601-e605.	0.6	7
92	Micafungin antifungal prophylaxis in children undergoing HSCT: can we give higher doses, less frequently? A pharmacokinetic study. Journal of Antimicrobial Chemotherapy, 2018, 73, 1651-1658.	3.0	6
93	Comprehensive molecular diagnosis of Epsteinâ€“Barr virus-associated lymphoproliferative diseases using next-generation sequencing. International Journal of Hematology, 2018, 108, 319-328.	1.6	6
94	CCR5 inhibitor as novel acute graft versus host disease prophylaxis in children and young adults undergoing allogeneic stem cell transplant: results of the phase II study. Bone Marrow Transplantation, 2020, 55, 1552-1559.	2.4	6
95	Inborn Errors of Immunity Associated With Type 2 Inflammation in the USIDNET Registry. Frontiers in Immunology, 2022, 13, 831279.	4.8	6
96	The Value of Chromosome Analysis to Interrogate Variants in DNMT3B Causing Immunodeficiency, Centromeric Instability, and Facial Anomaly Syndrome Type I (ICF1). Journal of Clinical Immunology, 2019, 39, 857-859.	3.8	5
97	Testâ€dose pharmacokinetics guided melphalan dose adjustment in reduced intensity conditioning allogeneic transplant for nonâ€malignant disorders. British Journal of Clinical Pharmacology, 2022, 88, 115-127.	2.4	5
98	A prospective pilot study of a novel alemtuzumab target concentration intervention strategy. Bone Marrow Transplantation, 2021, 56, 3029-3031.	2.4	5
99	Cutaneous T-cell lymphoma as a unique presenting malignancy in X-linked magnesium defect with EBV infection and neoplasia (XMEN) disease. Clinical Immunology, 2021, 226, 108722.	3.2	4
100	Diagnostic dilemmas in HLH: Can Tâ€cell phenotyping help?. European Journal of Immunology, 2017, 47, 240-243.	2.9	3
101	Granulocyte Transfusions in Patients with Chronic Granulomatous Disease Undergoing Hematopoietic Cell Transplantation or Gene Therapy. Journal of Clinical Immunology, 2022, 42, 1026-1035.	3.8	3
102	BCG-osis and Hematopoietic Cell Transplant for Primary Immunodeficiencies. Journal of Clinical Immunology, 2021, 41, 491-494.	3.8	2
103	Novel Treatment of Infant With COVID-19 With the Sialidase Fusion Protein, DAS181. Pediatric Infectious Disease Journal, 2021, 40, e234-e235.	2.0	2
104	Preemptive hematopoietic cell transplantation for asymptomatic patients with X-linked lymphoproliferative syndrome type 1. Clinical Immunology, 2022, 237, 108993.	3.2	1
105	Does shining a spotlight on XIAP deficiency bring the role of allogeneic HCT into better focus?. Journal of Allergy and Clinical Immunology, 2022, , .	2.9	1
106	Reduced Intensity Conditioning Allogeneic Transplant for SCID Associated with Cartilage Hair Hypoplasia. Journal of Clinical Immunology, 2022, 42, 1604-1607.	3.8	1
107	The X-Linked Lymphoproliferative Syndromes. , 2014, , 475-495.		0
108	Treatment of Newly Diagnosed HLH and Refractory Disease. , 2018, , 247-263.		0

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109	Genetic diseases predisposing to HLH. , 2020, , 549-572.		0
110	EBV susceptibility. , 2020, , 591-616.		0
111	Evaluation of Natural Killer (NK) Cell Defects. , 0, , 775-780.		0
112	Salvage Therapy and Allogeneic Hematopoietic Cell Transplantation for theÂSevere Cytokine Storm Syndrome of Hemophagocytic Lymphohistiocytosis. , 2019, , 595-606.		0
113	A Multi-Center Case Series, Systematic Review and Meta-Analysis of Neonatal Hemophagocytic Lymphohistiocytosis. Blood, 2020, 136, 19-20.	1.4	0
114	Conditioning Regimens and Outcomes after Allogeneic Hematopoietic Cell Transplant for Hyperinflammatory Inborn Errors of Immunity. Blood, 2020, 136, 36-37.	1.4	0
115	Morbidity, Mortality, and Therapeutics in Combined Immunodeficiency: Data from the USIDNET Registry. Journal of Allergy and Clinical Immunology: in Practice, 2022, , .	3.8	0