

Kim E Nichols

List of Publications by Year in descending order

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270
papers

17,262
citations

14655

66
h-index

17105

122
g-index

277
all docs

277
docs citations

277
times ranked

19560
citing authors

#	ARTICLE	IF	CITATIONS
1	SHP-1 and SHP-2 Associate with Immunoreceptor Tyrosine-Based Switch Motif of Programmed Death 1 upon Primary Human T Cell Stimulation, but Only Receptor Ligation Prevents T Cell Activation. <i>Journal of Immunology</i> , 2004, 173, 945-954.	0.8	989
2	Germline Mutations in Predisposition Genes in Pediatric Cancer. <i>New England Journal of Medicine</i> , 2015, 373, 2336-2346.	27.0	949
3	Recommendations for the management of hemophagocytic lymphohistiocytosis in adults. <i>Blood</i> , 2019, 133, 2465-2477.	1.4	587
4	Cytokine release syndrome after blinatumomab treatment related to abnormal macrophage activation and ameliorated with cytokine-directed therapy. <i>Blood</i> , 2013, 121, 5154-5157.	1.4	524
5	Familial dyserythropoietic anaemia and thrombocytopenia due to an inherited mutation in GATA1. <i>Nature Genetics</i> , 2000, 24, 266-270.	21.4	474
6	Inactivating mutations in an SH2 domain-encoding gene in X-linked lymphoproliferative syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13765-13770.	7.1	459
7	The Immunology of Macrophage Activation Syndrome. <i>Frontiers in Immunology</i> , 2019, 10, 119.	4.8	448
8	2016 Classification Criteria for Macrophage Activation Syndrome Complicating Systemic Juvenile Idiopathic Arthritis: A European League Against Rheumatism/American College of Rheumatology/Paediatric Rheumatology International Trials Organisation Collaborative Initiative. <i>Arthritis and Rheumatology</i> , 2016, 68, 566-576.	5.6	427
9	Regulation of NKT cell development by SAP, the protein defective in XLP. <i>Nature Medicine</i> , 2005, 11, 340-345.	30.7	349
10	2016 Classification Criteria for Macrophage Activation Syndrome Complicating Systemic Juvenile Idiopathic Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 481-489.	0.9	338
11	Mg ²⁺ Regulates Cytotoxic Functions of NK and CD8 T Cells in Chronic EBV Infection Through NKG2D. <i>Science</i> , 2013, 341, 186-191.	12.6	269
12	X-linked lymphoproliferative disease due to SAP/SH2D1A deficiency: a multicenter study on the manifestations, management and outcome of the disease. <i>Blood</i> , 2011, 117, 53-62.	1.4	268
13	Cutting Edge: Functional Requirement for SAP in 2B4-Mediated Activation of Human Natural Killer Cells as Revealed by the X-Linked Lymphoproliferative Syndrome. <i>Journal of Immunology</i> , 2000, 165, 2932-2936.	0.8	245
14	The genetic basis and cell of origin of mixed phenotype acute leukaemia. <i>Nature</i> , 2018, 562, 373-379.	27.8	236
15	Regulation of Cellular and Humoral Immune Responses by the SLAM and SAP Families of Molecules. <i>Annual Review of Immunology</i> , 2007, 25, 337-379.	21.8	229
16	Challenges in the diagnosis of hemophagocytic lymphohistiocytosis: Recommendations from the North American Consortium for Histiocytosis (NACHO). <i>Pediatric Blood and Cancer</i> , 2019, 66, e27929.	1.5	220
17	SAP Regulates TH2 Differentiation and PKC- ζ -Mediated Activation of NF- κ B1. <i>Immunity</i> , 2004, 21, 693-706.	14.3	215
18	Janus kinase inhibition lessens inflammation and ameliorates disease in murine models of hemophagocytic lymphohistiocytosis. <i>Blood</i> , 2016, 127, 1666-1675.	1.4	207

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19	CD150 Association with Either the SH2-Containing Inositol Phosphatase or the SH2-Containing Protein Tyrosine Phosphatase Is Regulated by the Adaptor Protein SH2D1A. <i>Journal of Immunology</i> , 2001, 166, 5480-5487.	0.8	201
20	Enhanced T cell responses due to diacylglycerol kinase δ deficiency. <i>Nature Immunology</i> , 2003, 4, 882-890.	14.5	201
21	Molecular and cellular pathogenesis of X-linked lymphoproliferative disease. <i>Immunological Reviews</i> , 2005, 203, 180-199.	6.0	200
22	Treatment of Epstein-Barr virus-induced haemophagocytic lymphohistiocytosis with rituximab-containing chemotherapeutic regimens. <i>British Journal of Haematology</i> , 2013, 162, 376-382.	2.5	191
23	Expansion of Functionally Immature Transitional B Cells Is Associated with Human-Immunodeficient States Characterized by Impaired Humoral Immunity. <i>Journal of Immunology</i> , 2006, 176, 1506-1516.	0.8	169
24	The EWS-WT1 translocation product induces PDGFA in desmoplastic small round-cell tumour. <i>Nature Genetics</i> , 1997, 17, 309-313.	21.4	166
25	Germline genetic variation in ETV6 and risk of childhood acute lymphoblastic leukaemia: a systematic genetic study. <i>Lancet Oncology</i> , 2015, 16, 1659-1666.	10.7	161
26	Outcome of hematopoietic stem cell transplantation for adenosine deaminase-deficient severe combined immunodeficiency. <i>Blood</i> , 2012, 120, 3615-3624.	1.4	151
27	Hemophagocytic lymphohistiocytosis due to germline mutations in SH2D1A, the X-linked lymphoproliferative disease gene. <i>Blood</i> , 2001, 97, 1131-1133.	1.4	148
28	The genomic landscape of pediatric myelodysplastic syndromes. <i>Nature Communications</i> , 2017, 8, 1557.	12.8	143
29	Germline Genetic IKZF1 Variation and Predisposition to Childhood Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2018, 33, 937-948.e8.	16.8	142
30	Primary immunodeficiency diseases associated with increased susceptibility to viral infections and malignancies. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1329-1341.e2.	2.9	140
31	Surveillance Recommendations for Children with Overgrowth Syndromes and Predisposition to Wilms Tumors and Hepatoblastoma. <i>Clinical Cancer Research</i> , 2017, 23, e115-e122.	7.0	140
32	Development of Promyelocytic Zinc Finger and ThPOK-Expressing Innate $\gamma\delta$ T Cells Is Controlled by Strength of TCR Signaling and Id3. <i>Journal of Immunology</i> , 2010, 184, 1268-1279.	0.8	139
33	Impaired humoral immunity in X-linked lymphoproliferative disease is associated with defective IL-10 production by CD4+ T cells. <i>Journal of Clinical Investigation</i> , 2005, 115, 1049-1059.	8.2	139
34	Characteristics and Outcomes of Children With the Wilms Tumor-Aniridia Syndrome: A Report From the National Wilms Tumor Study Group. <i>Journal of Clinical Oncology</i> , 2003, 21, 4579-4585.	1.6	136
35	Consensus recommendations for the diagnosis and management of hemophagocytic lymphohistiocytosis associated with malignancies. <i>Haematologica</i> , 2015, 100, 997-1004.	3.5	135
36	Treatment of primary Epstein-Barr virus infection in patients with X-linked lymphoproliferative disease using B-cell-directed therapy. <i>Blood</i> , 2004, 105, 994-996.	1.4	132

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37	Somatic and germline genomics in paediatric acute lymphoblastic leukaemia. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 227-240.	27.6	132
38	Pediatric Cancer Predisposition and Surveillance: An Overview, and a Tribute to Alfred G. Knudson Jr. <i>Clinical Cancer Research</i> , 2017, 23, e1-e5.	7.0	130
39	Germline ETV6 Mutations Confer Susceptibility to Acute Lymphoblastic Leukemia and Thrombocytopenia. <i>PLoS Genetics</i> , 2015, 11, e1005262.	3.5	128
40	Restimulation-induced apoptosis of T cells is impaired in patients with X-linked lymphoproliferative disease caused by SAP deficiency. <i>Journal of Clinical Investigation</i> , 2009, 119, 2976-89.	8.2	126
41	Selective generation of functional somatically mutated IgM+CD27+, but not Ig isotype-switched, memory B cells in X-linked lymphoproliferative disease. <i>Journal of Clinical Investigation</i> , 2006, 116, 322-333.	8.2	122
42	<i>TP53</i> Germline Variations Influence the Predisposition and Prognosis of B-Cell Acute Lymphoblastic Leukemia in Children. <i>Journal of Clinical Oncology</i> , 2018, 36, 591-599.	1.6	121
43	Malignancy-associated haemophagocytic lymphohistiocytosis in children and adolescents. <i>British Journal of Haematology</i> , 2015, 170, 539-549.	2.5	118
44	Familial clustering of Langerhans cell histiocytosis. <i>British Journal of Haematology</i> , 1999, 107, 883-888.	2.5	116
45	Recommendations for the Use of Etoposide-Based Therapy and Bone Marrow Transplantation for the Treatment of HLH: Consensus Statements by the HLH Steering Committee of the Histiocyte Society. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1508-1517.	3.8	112
46	ClinGen Myeloid Malignancy Variant Curation Expert Panel recommendations for germline RUNX1 variants. <i>Blood Advances</i> , 2019, 3, 2962-2979.	5.2	110
47	St. Jude Cloud: A Pediatric Cancer Genomic Data-Sharing Ecosystem. <i>Cancer Discovery</i> , 2021, 11, 1082-1099.	9.4	109
48	Genetic Risk for Subsequent Neoplasms Among Long-Term Survivors of Childhood Cancer. <i>Journal of Clinical Oncology</i> , 2018, 36, 2078-2087.	1.6	105
49	Use of Rituximab in Conjunction With Immunosuppressive Chemotherapy as a Novel Therapy for Epstein Barr Virus-associated Hemophagocytic Lymphohistiocytosis. <i>Journal of Pediatric Hematology/Oncology</i> , 2007, 29, 569-573.	0.6	103
50	Stepwise phosphorylation of p65 promotes NF- κ B activation and NK cell responses during target cell recognition. <i>Nature Communications</i> , 2016, 7, 11686.	12.8	101
51	Hemophagocytic lymphohistiocytosis caused by dominant-negative mutations in STXBP2 that inhibit SNARE-mediated membrane fusion. <i>Blood</i> , 2015, 125, 1566-1577.	1.4	99
52	Mechanisms of action of ruxolitinib in murine models of hemophagocytic lymphohistiocytosis. <i>Blood</i> , 2019, 134, 147-159.	1.4	99
53	PLZF Induces the Spontaneous Acquisition of Memory/Effector Functions in T Cells Independently of NKT Cell-Related Signals. <i>Journal of Immunology</i> , 2010, 184, 6746-6755.	0.8	94
54	Germline Elongator mutations in Sonic Hedgehog medulloblastoma. <i>Nature</i> , 2020, 580, 396-401.	27.8	94

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55	Complementation In Trans of Altered Thymocyte Development in Mice Expressing Mutant Forms of the Adaptor Molecule SLP76. <i>Immunity</i> , 2008, 28, 359-369.	14.3	93
56	Mutational Landscape and Patterns of Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. <i>Blood Cancer Discovery</i> , 2020, 1, 96-111.	5.0	93
57	X-linked lymphoproliferative syndrome: a genetic condition typified by the triad of infection, immunodeficiency and lymphoma. <i>British Journal of Haematology</i> , 2011, 152, 13-30.	2.5	92
58	Graded repression of PU.1/Sfp1 gene transcription by GATA factors regulates hematopoietic cell fate. <i>Blood</i> , 2009, 114, 983-994.	1.4	89
59	Genomes for Kids: The Scope of Pathogenic Mutations in Pediatric Cancer Revealed by Comprehensive DNA and RNA Sequencing. <i>Cancer Discovery</i> , 2021, 11, 3008-3027.	9.4	88
60	Li-Fraumeni syndrome: a paradigm for the understanding of hereditary cancer predisposition. <i>British Journal of Haematology</i> , 2017, 176, 539-552.	2.5	83
61	Transcriptional control of invariant NKT cell development. <i>Immunological Reviews</i> , 2010, 238, 195-215.	6.0	82
62	Diagnostic Performance of Whole-Body MRI as a Tool for Cancer Screening in Children With Genetic Cancer-Predisposing Conditions. <i>American Journal of Roentgenology</i> , 2015, 205, 400-408.	2.2	82
63	Impaired humoral immunity in X-linked lymphoproliferative disease is associated with defective IL-10 production by CD4+ T cells. <i>Journal of Clinical Investigation</i> , 2005, 115, 1049-1059.	8.2	81
64	Recommendations for Surveillance for Children with Leukemia-Predisposing Conditions. <i>Clinical Cancer Research</i> , 2017, 23, e14-e22.	7.0	80
65	Use of the JAK Inhibitor Ruxolitinib in the Treatment of Hemophagocytic Lymphohistiocytosis. <i>Frontiers in Immunology</i> , 2021, 12, 614704.	4.8	77
66	Invariant natural killer T cells from children with versus without food allergy exhibit differential responsiveness to milk-derived sphingomyelin. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 102-109.e13.	2.9	75
67	Coincident expression of the chemokine receptors CCR6 and CCR7 by pathologic Langerhans cells in Langerhans cell histiocytosis. <i>Blood</i> , 2003, 101, 2473-2475.	1.4	73
68	Affinity purification mass spectrometry analysis of PD-1 uncovers SAP as a new checkpoint inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E468-E477.	7.1	72
69	Cohort Profile: The St. Jude Lifetime Cohort Study (SJLIFE) for paediatric cancer survivors. <i>International Journal of Epidemiology</i> , 2021, 50, 39-49.	1.9	70
70	Recommended Guidelines for Validation, Quality Control, and Reporting of TP53 Variants in Clinical Practice. <i>Cancer Research</i> , 2017, 77, 1250-1260.	0.9	68
71	Pathology of the Liver in Familial Hemophagocytic Lymphohistiocytosis. <i>American Journal of Surgical Pathology</i> , 2010, 34, 852-867.	3.7	64
72	Functional Requirements for Interactions Between CD84 and Src Homology 2 Domain-Containing Proteins and Their Contribution to Human T Cell Activation. <i>Journal of Immunology</i> , 2003, 171, 2485-2495.	0.8	63

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73	Successful use of the anti-CD25 antibody daclizumab in an adult patient with hemophagocytic lymphohistiocytosis. <i>American Journal of Hematology</i> , 2008, 83, 747-749.	4.1	63
74	Clinical features of three girls with mosaic genome-wide paternal uniparental isodisomy. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 1929-1939.	1.2	63
75	Clinical genome sequencing uncovers potentially targetable truncations and fusions of MAP3K8 in spitzoid and other melanomas. <i>Nature Medicine</i> , 2019, 25, 597-602.	30.7	61
76	Hemophagocytic lymphohistiocytosis-like toxicity (carHLH) after CD19-specific CAR T-cell therapy. <i>British Journal of Haematology</i> , 2021, 194, 701-707.	2.5	61
77	Diacylglycerol kinase \uparrow regulates microbial recognition and host resistance to <i>Toxoplasma gondii</i> . <i>Journal of Experimental Medicine</i> , 2007, 204, 781-792.	8.5	60
78	iNKT Cell Cytotoxic Responses Control T-Lymphoma Growth <i>In Vitro</i> and <i>In Vivo</i> . <i>Cancer Immunology Research</i> , 2014, 2, 59-69.	3.4	60
79	Sensitive multistep clinical molecular screening of 180 unrelated individuals with retinoblastoma detects 36 novel mutations in the RB1 gene. <i>Human Mutation</i> , 2005, 25, 566-574.	2.5	59
80	Expansion of somatically reverted memory CD8+ T cells in patients with X-linked lymphoproliferative disease caused by selective pressure from Epstein-Barr virus. <i>Journal of Experimental Medicine</i> , 2012, 209, 913-924.	8.5	59
81	Heterozygous Germline ATM Mutations Do Not Contribute to Radiation-Associated Malignancies After Hodgkin's Disease. <i>Journal of Clinical Oncology</i> , 1999, 17, 1259-1259.	1.6	58
82	Integrating next-generation sequencing into pediatric oncology practice: An assessment of physician confidence and understanding of clinical genomics. <i>Cancer</i> , 2017, 123, 2352-2359.	4.1	58
83	Expert consensus on dynamics of laboratory tests for diagnosis of macrophage activation syndrome complicating systemic juvenile idiopathic arthritis. <i>RMD Open</i> , 2016, 2, e000161.	3.8	57
84	Germline Lysine-Specific Demethylase 1 (<i>LSD1/KDM1A</i>) Mutations Confer Susceptibility to Multiple Myeloma. <i>Cancer Research</i> , 2018, 78, 2747-2759.	0.9	56
85	Analysis of the Li-Fraumeni Spectrum Based on an International Germline <i>TP53</i> Variant Data Set. <i>JAMA Oncology</i> , 2021, 7, 1800.	7.1	55
86	Loss of circulating CD27+ memory B cells and CCR4+ T cells occurring in association with elevated EBV loads in XLP patients surviving primary EBV infection. <i>Blood</i> , 2004, 103, 1625-1631.	1.4	53
87	Genomic predictors of response to PD-1 inhibition in children with germline DNA replication repair deficiency. <i>Nature Medicine</i> , 2022, 28, 125-135.	30.7	53
88	Educational paper. <i>European Journal of Pediatrics</i> , 2011, 170, 285-294.	2.7	50
89	Development and Initial Validation of the Macrophage Activation Syndrome/Primary Hemophagocytic Lymphohistiocytosis Score, a Diagnostic Tool that Differentiates Primary Hemophagocytic Lymphohistiocytosis from Macrophage Activation Syndrome. <i>Journal of Pediatrics</i> , 2017, 189, 72-78.e3.	1.8	50
90	JAK/STAT pathway inhibition sensitizes CD8 T cells to dexamethasone-induced apoptosis in hyperinflammation. <i>Blood</i> , 2020, 136, 657-668.	1.4	50

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91	Central nervous system juvenile xanthogranuloma with malignant transformation. <i>Pediatric Blood and Cancer</i> , 2008, 50, 927-930.	1.5	49
92	Primary students' scientific reasoning and discourse during cooperative inquiry-based science activities. <i>International Journal of Educational Research</i> , 2014, 63, 127-140.	2.2	48
93	Differential Requirement for the SAP-Fyn Interaction during NK T Cell Development and Function. <i>Journal of Immunology</i> , 2008, 181, 2311-2320.	0.8	46
94	Representational Classroom Practices that Contribute to Students' Conceptual and Representational Understanding of Chemical Bonding. <i>International Journal of Science Education</i> , 2011, 33, 2215-2246.	1.9	45
95	SAP-Mediated Inhibition of Diacylglycerol Kinase $\hat{\pm}$ Regulates TCR-Induced Diacylglycerol Signaling. <i>Journal of Immunology</i> , 2011, 187, 5941-5951.	0.8	43
96	Salvage therapy for refractory hemophagocytic lymphohistiocytosis: A review of the published experience. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26308.	1.5	43
97	Distinct Interactions of the X-Linked Lymphoproliferative Syndrome Gene Product SAP with Cytoplasmic Domains of Members of the CD2 Receptor Family. <i>Clinical Immunology</i> , 2001, 100, 15-23.	3.2	41
98	Predisposition to Pediatric and Hematologic Cancers: A Moving Target. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2014, , e44-e55.	3.8	41
99	Parent decision-making around the genetic testing of children for germline <i>TP53</i> mutations. <i>Cancer</i> , 2015, 121, 286-293.	4.1	41
100	Inhibition of diacylglycerol kinase $\hat{\pm}$ restores restimulation-induced cell death and reduces immunopathology in XLP-1. <i>Science Translational Medicine</i> , 2016, 8, 321ra7.	12.4	41
101	A Novel Collaborative Community-Based Hepatitis B Screening and Linkage to Care Program for African Immigrants. <i>Clinical Infectious Diseases</i> , 2016, 62, S289-S297.	5.8	40
102	Survival Benefit for Individuals With Constitutional Mismatch Repair Deficiency Undergoing Surveillance. <i>Journal of Clinical Oncology</i> , 2021, 39, 2779-2790.	1.6	40
103	Genetic testing and tumor surveillance for children with cancer predisposition syndromes. <i>Current Opinion in Pediatrics</i> , 2008, 20, 1-7.	2.0	39
104	Synergistic Signaling of TLR and IFN $\hat{\pm}$ / $\hat{2}$ Facilitates Escape of IL-18 Expression from Endotoxin Tolerance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 526-539.	5.6	38
105	The adaptor protein SH2D1A regulates signaling through CD150 (SLAM) in B cells. <i>Blood</i> , 2004, 104, 4063-4070.	1.4	37
106	XAF1 as a modifier of p53 function and cancer susceptibility. <i>Science Advances</i> , 2020, 6, eaba3231.	10.3	37
107	Molecular basis of <i>ETV6</i> -mediated predisposition to childhood acute lymphoblastic leukemia. <i>Blood</i> , 2021, 137, 364-373.	1.4	37
108	Strategies to reduce medication errors with reference to older adults. <i>International Journal of Evidence-Based Healthcare</i> , 2006, 4, 2-41.	0.5	36

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109	Impaired SLAM-SLAM Homotypic Interaction between Invariant NKT Cells and Dendritic Cells Affects Differentiation of IL-4/IL-10-Secreting NKT2 Cells in Nonobese Diabetic Mice. <i>Journal of Immunology</i> , 2008, 181, 869-877.	0.8	36
110	A Common Molecular Mechanism Underlies Two Phenotypically Distinct 17p13.1 Microdeletion Syndromes. <i>American Journal of Human Genetics</i> , 2010, 87, 631-642.	6.2	36
111	Microbiota-dependent signals are required to sustain TLR-mediated immune responses. <i>JCI Insight</i> , 2019, 4, .	5.0	36
112	Recent advances in genetic predisposition to pediatric acute lymphoblastic leukemia. <i>Expert Review of Hematology</i> , 2020, 13, 55-70.	2.2	35
113	Relevance of Molecular Groups in Children with Newly Diagnosed Atypical Teratoid Rhabdoid Tumor: Results from Prospective St. Jude Multi-institutional Trials. <i>Clinical Cancer Research</i> , 2021, 27, 2879-2889.	7.0	35
114	Pathogenic Germline Mutations in DNA Repair Genes in Combination With Cancer Treatment Exposures and Risk of Subsequent Neoplasms Among Long-Term Survivors of Childhood Cancer. <i>Journal of Clinical Oncology</i> , 2020, 38, 2728-2740.	1.6	34
115	Prevalence of germline truncating mutations in ATM in women with a second breast cancer after radiation therapy for a contralateral tumor. , 2000, 27, 124-129.		33
116	Signaling lymphocytic activation molecule (SLAM)/SLAM-associated protein pathway regulates human B-cell tolerance. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1149-1161.	2.9	33
117	Genome-Wide DNA Methylation Analysis Reveals Epigenetic Dysregulation of MicroRNA-34A in TP53-Associated Cancer Susceptibility. <i>Journal of Clinical Oncology</i> , 2016, 34, 3697-3704.	1.6	33
118	Lymphocytic vasculitis involving the central nervous system occurs in patients with X-linked lymphoproliferative disease in the absence of Epstein-Barr virus infection. <i>Pediatric Blood and Cancer</i> , 2009, 53, 1120-1123.	1.5	32
119	Recent advances in retinoblastoma genetic research. <i>Current Opinion in Ophthalmology</i> , 2009, 20, 351-355.	2.9	32
120	Murine natural killer immunoreceptors use distinct proximal signaling complexes to direct cell function. <i>Blood</i> , 2013, 121, 3135-3146.	1.4	32
121	Should Genetic Testing be Offered for Children? The Perspectives of Adolescents and Emerging Adults in Families with Li-Fraumeni Syndrome. <i>Journal of Genetic Counseling</i> , 2017, 26, 1106-1115.	1.6	32
122	TP53, BRCA1, and BRCA2 Tumor Suppressor Genes Are Not Commonly Mutated in Survivors of Hodgkin's Disease With Second Primary Neoplasms. <i>Journal of Clinical Oncology</i> , 2003, 21, 4505-4509.	1.6	31
123	The acquisition of molecular drivers in pediatric therapy-related myeloid neoplasms. <i>Nature Communications</i> , 2021, 12, 985.	12.8	31
124	X-linked lymphoproliferative disease (XLP): a model of impaired anti-viral, anti-tumor and humoral immune responses. <i>Immunologic Research</i> , 2008, 42, 145-159.	2.9	29
125	The Future of Surveillance in the Context of Cancer Predisposition: Through the Murky Looking Glass. <i>Clinical Cancer Research</i> , 2017, 23, e133-e137.	7.0	29
126	Speaking genomics to parents offered germline testing for cancer predisposition: Use of a visit consent model. <i>Cancer</i> , 2019, 125, 2455-2464.	4.1	29

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127	The adaptor molecule SAP plays essential roles during invariant NKT cell cytotoxicity and lytic synapse formation. <i>Blood</i> , 2013, 121, 3386-3395.	1.4	28
128	Pediatric Cancer Variant Pathogenicity Information Exchange (PeCanPIE): a cloud-based platform for curating and classifying germline variants. <i>Genome Research</i> , 2019, 29, 1555-1565.	5.5	28
129	Enrichment of heterozygous germline <i>RECQL4</i> loss-of-function variants in pediatric osteosarcoma. <i>Journal of Physical Education and Sports Management</i> , 2019, 5, a004218.	1.2	26
130	A multicenter study of patients with multisystem Langerhans cell histiocytosis who develop secondary hemophagocytic lymphohistiocytosis. <i>Cancer</i> , 2019, 125, 963-971.	4.1	26
131	Recent advances in Wilms's tumor predisposition. <i>Human Molecular Genetics</i> , 2020, 29, R138-R149.	2.9	26
132	Loss of SLP-76 Expression within Myeloid Cells Confers Resistance to Neutrophil-Mediated Tissue Damage while Maintaining Effective Bacterial Killing. <i>Journal of Immunology</i> , 2007, 178, 4606-4614.	0.8	25
133	Introduction to cancer genetic susceptibility syndromes. Hematology American Society of Hematology Education Program, 2016, 2016, 293-301.	2.5	25
134	Primary immunodeficiencies associated with EBV-Induced lymphoproliferative disorders. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 108, 109-127.	4.4	25
135	Identification, Management, and Evaluation of Children with Cancer-Predisposition Syndromes. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2012, , 576-584.	3.8	24
136	The Advantages and Challenges of Testing Children for Heritable Predisposition to Cancer. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2016, 35, 251-269.	3.8	24
137	The Parallels Between Philosophical Inquiry and Scientific Inquiry: Implications for science education. <i>Educational Philosophy and Theory</i> , 2012, 44, 1045-1059.	1.8	23
138	Ethical considerations surrounding germline next-generation sequencing of children with cancer. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 523-534.	3.1	23
139	Clinical Outcomes and Complications of Pituitary Blastoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 351-363.	3.6	23
140	Ruxolitinib, a JAK1/2 Inhibitor, Ameliorates Cytokine Storm in Experimental Models of Hyperinflammation Syndrome. <i>Frontiers in Pharmacology</i> , 2021, 12, 650295.	3.5	23
141	The Adaptor Molecule Signaling Lymphocytic Activation Molecule-Associated Protein (SAP) Regulates IFN- γ and IL-4 Production in V β 14 Transgenic NKT Cells via Effects on GATA-3 and T-bet Expression. <i>Journal of Immunology</i> , 2009, 182, 1370-1378.	0.8	22
142	Performance of the McGill Interactive Pediatric OncoGenetic Guidelines for Identifying Cancer Predisposition Syndromes. <i>JAMA Oncology</i> , 2021, 7, 1806.	7.1	22
143	Childhood cancer predisposition: Applications of molecular testing and future implications. <i>Journal of Pediatrics</i> , 1998, 132, 389-397.	1.8	21
144	A novel CD93 polymorphism in non-obese diabetic (NOD) and NZB/W F1 mice is linked to a CD4+ iNKT cell deficient state. <i>Immunogenetics</i> , 2010, 62, 397-407.	2.4	21

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145	Medical radiation exposure and risk of retinoblastoma resulting from new germline RB1 mutation. <i>International Journal of Cancer</i> , 2011, 128, 2393-2404.	5.1	21
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