

# Peter A Vandenberghe

## List of Publications by Year in descending order

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280  
papers

19,695  
citations

14655

66  
h-index

11607

135  
g-index

288  
all docs

288  
docs citations

288  
times ranked

20222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activating mutation in the tyrosine kinase JAK2 in polycythemia vera, essential thrombocythemia, and myeloid metaplasia with myelofibrosis. <i>Cancer Cell</i> , 2005, 7, 387-397.	16.8	2,695
2	A Tyrosine Kinase Created by Fusion of the PDGFRA and FIP1L1 Genes as a Therapeutic Target of Imatinib in Idiopathic Hypereosinophilic Syndrome. <i>New England Journal of Medicine</i> , 2003, 348, 1201-1214.	27.0	1,655
3	Somatic mutations of the histone methyltransferase gene EZH2 in myelodysplastic syndromes. <i>Nature Genetics</i> , 2010, 42, 665-667.	21.4	708
4	Acquired mutations in TET2 are common in myelodysplastic syndromes. <i>Nature Genetics</i> , 2009, 41, 838-842.	21.4	680
5	Contemporary consensus proposal on criteria and classification of eosinophilic disorders and related syndromes. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 607-612.e9.	2.9	604
6	Prognostic Value of Positron Emission Tomography (PET) With Fluorine-18 Fluorodeoxyglucose ( <sup>18</sup> F) After First-Line Chemotherapy in Non-Hodgkin's Lymphoma: Is <sup>18</sup> F-FDG-PET a Valid Alternative to Conventional Diagnostic Methods?. <i>Journal of Clinical Oncology</i> , 2001, 19, 414-419.	1.6	455
7	Constitutively activating mutation in WASP causes X-linked severe congenital neutropenia. <i>Nature Genetics</i> , 2001, 27, 313-317.	21.4	401
8	Fusion of NUP214 to ABL1 on amplified episomes in T-cell acute lymphoblastic leukemia. <i>Nature Genetics</i> , 2004, 36, 1084-1089.	21.4	393
9	Efficacy and safety of rituximab in B-cell post-transplantation lymphoproliferative disorders: results of a prospective multicenter phase 2 study. <i>Blood</i> , 2006, 107, 3053-3057.	1.4	390
10	Early restaging positron emission tomography with 18F-fluorodeoxyglucose predicts outcome in patients with aggressive non-Hodgkin's lymphoma. <i>Annals of Oncology</i> , 2002, 13, 1356-1363.	1.2	376
11	Exome sequencing identifies mutation in CNOT3 and ribosomal genes RPL5 and RPL10 in T-cell acute lymphoblastic leukemia. <i>Nature Genetics</i> , 2013, 45, 186-190.	21.4	365
12	Constitutional and somatic rearrangement of chromosome 21 in acute lymphoblastic leukaemia. <i>Nature</i> , 2014, 508, 98-102.	27.8	261
13	Duplication of the MYB oncogene in T cell acute lymphoblastic leukemia. <i>Nature Genetics</i> , 2007, 39, 593-595.	21.4	252
14	Cytogenetics and molecular genetics of T-cell acute lymphoblastic leukemia: from thymocyte to lymphoblast. <i>Leukemia</i> , 2006, 20, 1496-1510.	7.2	250
15	A cooperative microRNA-tumor suppressor gene network in acute T-cell lymphoblastic leukemia (T-ALL). <i>Nature Genetics</i> , 2011, 43, 673-678.	21.4	244
16	CD80, CD86 and CD40 Provide Accessory Signals in a Multiple-Step T-Cell Activation Model. <i>Immunological Reviews</i> , 1996, 153, 47-83.	6.0	219
17	Prognostic value of pretransplantation positron emission tomography using fluorine 18-fluorodeoxyglucose in patients with aggressive lymphoma treated with high-dose chemotherapy and stem cell transplantation. <i>Blood</i> , 2003, 102, 53-59.	1.4	217
18	Clinical, Molecular, and Prognostic Significance of WHO Type inv(3)(q21q26.2)/t(3;3)(q21;q26.2) and Various Other 3q Abnormalities in Acute Myeloid Leukemia. <i>Journal of Clinical Oncology</i> , 2010, 28, 3890-3898.	1.6	217

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19	Clinical and molecular features of FIP1L1-PDFGRA (+) chronic eosinophilic leukemias. <i>Leukemia</i> , 2004, 18, 734-742.	7.2	188
20	Presymptomatic Identification of Cancers in Pregnant Women During Noninvasive Prenatal Testing. <i>JAMA Oncology</i> , 2015, 1, 814.	7.1	180
21	Flow cytometric measurement of cytoplasmic free calcium in human peripheral blood T lymphocytes with fluo-3, a new fluorescent calcium indicator. <i>Journal of Immunological Methods</i> , 1990, 127, 197-205.	1.4	176
22	An international study of intrachromosomal amplification of chromosome 21 (iAMP21): cytogenetic characterization and outcome. <i>Leukemia</i> , 2014, 28, 1015-1021.	7.2	175
23	ALK activation by the CLTC-ALK fusion is a recurrent event in large B-cell lymphoma. <i>Blood</i> , 2003, 102, 2638-2641.	1.4	174
24	The H3K27me3 demethylase UTX is a gender-specific tumor suppressor in T-cell acute lymphoblastic leukemia. <i>Blood</i> , 2015, 125, 13-21.	1.4	168
25	Deletion of the protein tyrosine phosphatase gene PTPN2 in T-cell acute lymphoblastic leukemia. <i>Nature Genetics</i> , 2010, 42, 530-535.	21.4	162
26	Disruption of SF3B1 results in deregulated expression and splicing of key genes and pathways in myelodysplastic syndrome hematopoietic stem and progenitor cells. <i>Leukemia</i> , 2015, 29, 1092-1103.	7.2	161
27	Can positron emission tomography with [18 F]-fluorodeoxyglucose after first-line treatment distinguish Hodgkin's disease patients who need additional therapy from others in whom additional therapy would mean avoidable toxicity?. <i>British Journal of Haematology</i> , 2001, 115, 272-278.	2.5	159
28	Trial watch: chemotherapy-induced immunogenic cell death in immuno-oncology. <i>Oncolmmunology</i> , 2020, 9, 1703449.	4.6	156
29	Targeted sequencing identifies associations between IL7R-JAK mutations and epigenetic modulators in T-cell acute lymphoblastic leukemia. <i>Haematologica</i> , 2015, 100, 1301-1310.	3.5	151
30	Ligation of B7 with CD28/CTLA-4 on T cells results in CD40 ligand expression, interleukin-4 secretion and efficient help for antibody production by B cells. <i>European Journal of Immunology</i> , 1993, 23, 3120-3125.	2.9	147
31	PHF6 mutations in adult acute myeloid leukemia. <i>Leukemia</i> , 2011, 25, 130-134.	7.2	142
32	FOXP1, a gene highly expressed in a subset of diffuse large B-cell lymphoma, is recurrently targeted by genomic aberrations. <i>Leukemia</i> , 2005, 19, 1299-1305.	7.2	141
33	Pathogenesis and classification of eosinophil disorders: a review of recent developments in the field. <i>Expert Review of Hematology</i> , 2012, 5, 157-176.	2.2	140
34	Cooperativity of RUNX1 and CSF3R mutations in severe congenital neutropenia: a unique pathway in myeloid leukemogenesis. <i>Blood</i> , 2014, 123, 2229-2237.	1.4	135
35	Sorafenib is a potent inhibitor of FIP1L1-PDGFR $\hat{I}\pm$ and the imatinib-resistant FIP1L1-PDGFR $\hat{I}\pm$ T674I mutant. <i>Blood</i> , 2006, 108, 1374-1376.	1.4	128
36	Loss or Inhibition of Stromal-Derived PIGF Prolongs Survival of Mice with Imatinib-Resistant Bcr-Abl1+ Leukemia. <i>Cancer Cell</i> , 2011, 19, 740-753.	16.8	124

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37	FIP1L1-PDGFR $\beta$ D842V, a novel panresistant mutant, emerging after treatment of FIP1L1-PDGFR $\beta$ T6741 eosinophilic leukemia with single agent sorafenib. <i>Leukemia</i> , 2009, 23, 845-851.	7.2	123
38	Fusion of EML1 to ABL1 in T-cell acute lymphoblastic leukemia with cryptic t(9;14)(q34;q32). <i>Blood</i> , 2005, 105, 4849-4852.	1.4	119
39	Identification of a novel, recurrent <i>MBTD1-Xorf67</i> fusion in low-grade endometrial stromal sarcoma. <i>International Journal of Cancer</i> , 2014, 134, 1112-1122.	5.1	117
40	Translocations targeting CCND2, CCND3, and MYCN do occur in t(11;14)-negative mantle cell lymphomas. <i>Blood</i> , 2008, 111, 5683-5690.	1.4	116
41	Activity of Dasatinib, a Dual SRC/ABL Kinase Inhibitor, and IPI-504, a Heat Shock Protein 90 Inhibitor, against Gastrointestinal Stromal Tumor-Associated PDGFRAD842V Mutation. <i>Clinical Cancer Research</i> , 2008, 14, 5749-5758.	7.0	116
42	Non-invasive detection of genomic imbalances in Hodgkin/Reed-Sternberg cells in early and advanced stage Hodgkin's lymphoma by sequencing of circulating cell-free DNA: a technical proof-of-principle study. <i>Lancet Haematology</i> , 2015, 2, e55-e65.	4.6	115
43	Comprehensive Analysis of Transcriptome Variation Uncovers Known and Novel Driver Events in T-Cell Acute Lymphoblastic Leukemia. <i>PLoS Genetics</i> , 2013, 9, e1003997.	3.5	110
44	A new recurrent inversion, inv(7)(p15q34), leads to transcriptional activation of HOXA10 and HOXA11 in a subset of T-cell acute lymphoblastic leukemias. <i>Leukemia</i> , 2005, 19, 358-366.	7.2	106
45	Array CGH analysis in primary gastrointestinal stromal tumors: Cytogenetic profile correlates with anatomic site and tumor aggressiveness, irrespective of mutational status. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 261-276.	2.8	106
46	JAK2 rearrangements, including the novel SEC31A-JAK2 fusion, are recurrent in classical Hodgkin lymphoma. <i>Blood</i> , 2011, 117, 4056-4064.	1.4	103
47	The Interlaboratory ROBustness of Next-generation sequencing (IRON) study: a deep sequencing investigation of TET2, CBL and KRAS mutations by an international consortium involving 10 laboratories. <i>Leukemia</i> , 2011, 25, 1840-1848.	7.2	96
48	Mutation of the receptor tyrosine phosphatase PTPRC (CD45) in T-cell acute lymphoblastic leukemia. <i>Blood</i> , 2012, 119, 4476-4479.	1.4	96
49	Deregulated Expression of <i>EVII</i> Defines a Poor Prognostic Subset of <i>MLL</i> -Rearranged Acute Myeloid Leukemias: A Study of the German-Austrian Acute Myeloid Leukemia Study Group and the Dutch-Belgian-Swiss HOVON/SAKK Cooperative Group. <i>Journal of Clinical Oncology</i> , 2013, 31, 95-103.	1.6	95
50	A large kindred with X-linked neutropenia with an I294T mutation of the Wiskott-Aldrich syndrome gene. <i>British Journal of Haematology</i> , 2009, 144, 120-126.	2.5	90
51	ALK-positive large B-cell lymphomas with cryptic SEC31A-ALK and NPM1-ALK fusions. <i>Haematologica</i> , 2010, 95, 509-513.	3.5	89
52	Chromosomal translocations independently predict treatment failure, treatment-free survival and overall survival in B-cell chronic lymphocytic leukemia patients treated with cladribine. <i>Leukemia</i> , 2007, 21, 1715-1722.	7.2	83
53	External Quality Assessment for <i>KRAS</i> Testing Is Needed: Setup of a European Program and Report of the First Jointed Regional Quality Assessment Rounds. <i>Oncologist</i> , 2011, 16, 467-478.	3.7	83
54	Blockade of CTLA-4 enhances allergic sensitization and eosinophilic airway inflammation in genetically predisposed mice. <i>European Journal of Immunology</i> , 2002, 32, 585-594.	2.9	81

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55	The complex genetic landscape of familial MDS and AML reveals pathogenic germline variants. <i>Nature Communications</i> , 2020, 11, 1044.	12.8	81
56	Coactivated Platelet-Derived Growth Factor Receptor $\hat{\pm}$ and Epidermal Growth Factor Receptor Are Potential Therapeutic Targets in Intimal Sarcoma. <i>Cancer Research</i> , 2010, 70, 7304-7314.	0.9	80
57	Interaction of CTLA $\hat{\pm}$ 4 (CD152) with CD80 or CD86 inhibits human T $\hat{\pm}$ cell activation. <i>Immunology</i> , 1999, 98, 413-421.	4.4	77
58	In vitro validation of $\hat{\pm}$ -secretase inhibitors alone or in combination with other anti-cancer drugs for the treatment of T-cell acute lymphoblastic leukemia. <i>Haematologica</i> , 2008, 93, 533-542.	3.5	77
59	PTPN2 negatively regulates oncogenic JAK1 in T-cell acute lymphoblastic leukemia. <i>Blood</i> , 2011, 117, 7090-7098.	1.4	76
60	Post-transplant molecularly defined Burkitt lymphomas are frequently MYC-negative and characterized by the 11q-gain/loss pattern. <i>Haematologica</i> , 2015, 100, e275-e279.	3.5	76
61	Lymphocyte predominance Hodgkin disease is characterized by recurrent genomic imbalances. <i>Blood</i> , 2001, 97, 1845-1853.	1.4	75
62	The B7/BB1 antigen is expressed by Reed-Sternberg cells of Hodgkin's disease and contributes to the stimulating capacity of Hodgkin's disease-derived cell lines. <i>Blood</i> , 1993, 82, 2845-2852.	1.4	73
63	Polyclonal primitive hematopoietic progenitors can be detected in mobilized peripheral blood from patients with high-risk myelodysplastic syndromes. <i>Blood</i> , 1995, 86, 3660-3667.	1.4	71
64	EBV-Positive and EBV-Negative Posttransplant Diffuse Large B Cell Lymphomas Have Distinct Genomic and Transcriptomic Features. <i>American Journal of Transplantation</i> , 2016, 16, 414-425.	4.7	70
65	Constitutive IP3 signaling underlies the sensitivity of B-cell cancers to the Bcl-2/IP3 receptor disruptor BIRD-2. <i>Cell Death and Differentiation</i> , 2019, 26, 531-547.	11.2	69
66	Hodgkin lymphoma: Response assessment by Revised International Workshop Criteria. <i>Leukemia and Lymphoma</i> , 2007, 48, 1539-1547.	1.3	68
67	Comparative Genomic Hybridization Pattern Distinguishes T-Cell/Histiocyte-Rich B-Cell Lymphoma from Nodular Lymphocyte Predominance Hodgkin's Lymphoma. <i>American Journal of Pathology</i> , 2002, 161, 1861-1867.	3.8	67
68	Activating WASP mutations associated with X-linked neutropenia result in enhanced actin polymerization, altered cytoskeletal responses, and genomic instability in lymphocytes. <i>Journal of Experimental Medicine</i> , 2010, 207, 1145-1152.	8.5	67
69	Single-cell sequencing reveals the origin and the order of mutation acquisition in T-cell acute lymphoblastic leukemia. <i>Leukemia</i> , 2018, 32, 1358-1369.	7.2	66
70	Heterogeneous patterns of amplification of the NUP214-ABL1 fusion gene in T-cell acute lymphoblastic leukemia. <i>Leukemia</i> , 2009, 23, 125-133.	7.2	65
71	Chronic lymphocytic leukemia and prolymphocytic leukemia with MYC translocations: a subgroup with an aggressive disease course. <i>Annals of Hematology</i> , 2012, 91, 863-873.	1.8	65
72	Peripheral blood lymphocyte subset shifts in patients with untreated hematological tumors: Evidence for systemic activation of the T cell compartment. <i>Leukemia Research</i> , 1998, 22, 175-184.	0.8	64

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73	In situ expression of B7/BB1 on antigenpresenting cells and activated B cells: an immunohistochemical study. <i>International Immunology</i> , 1993, 5, 317-321.	4.0	63
74	Ponatinib is active against imatinib-resistant mutants of FIP1L1-PDGFR $\alpha$ and KIT, and against FGFR1-derived fusion kinases. <i>Leukemia</i> , 2012, 26, 1693-1695.	7.2	63
75	Ruxolitinib inhibits transforming JAK2 fusion proteins in vitro and induces complete cytogenetic remission in t(8;9)(p22;p24)/PCM1-JAK2 $\alpha$ positive chronic eosinophilic leukemia. <i>Blood</i> , 2012, 120, 1529-1531.	1.4	63
76	A new disease categorization of low-grade myelodysplastic syndromes based on the expression of cytopenia and dysplasia in one versus more than one lineage improves on the WHO classification. <i>Leukemia</i> , 2007, 21, 668-677.	7.2	62
77	The kinase inhibitor TKI258 is active against the novel CUX1-FGFR1 fusion detected in a patient with T-lymphoblastic leukemia/lymphoma and t(7;8)(q22;p11). <i>Haematologica</i> , 2011, 96, 922-926.	3.5	59
78	High Accuracy Mutation Detection in Leukemia on a Selected Panel of Cancer Genes. <i>PLoS ONE</i> , 2012, 7, e38463.	2.5	58
79	CD57 $^{+}$ /CD28 $^{+}$ T cells in untreated hemato-oncological patients are expanded and display a Th1-type cytokine secretion profile, ex vivo cytolytic activity and enhanced tendency to apoptosis. <i>Leukemia</i> , 1998, 12, 1573-1582.	7.2	57
80	Circulating myeloid and lymphoid precursor dendritic cells are clonally involved in myelodysplastic syndromes. <i>Leukemia</i> , 2004, 18, 1451-1456.	7.2	57
81	Positron emission tomography in mantle cell lymphoma. <i>Leukemia and Lymphoma</i> , 2008, 49, 1693-1701.	1.3	55
82	Improved detection of chromosomal abnormalities in chronic lymphocytic leukemia by conventional cytogenetics using CpG oligonucleotide and interleukin $\alpha$ 2 stimulation: A Belgian multicentric study. <i>Genes Chromosomes and Cancer</i> , 2009, 48, 843-853.	2.8	54
83	Standardisation and consensus guidelines for minimal residual disease assessment in Philadelphia-positive acute lymphoblastic leukemia (Ph $^{+}$ ALL) by real-time quantitative reverse transcriptase PCR of e1a2 BCR-ABL1. <i>Leukemia</i> , 2019, 33, 1910-1922.	7.2	54
84	Feasibility of peripheral blood progenitor cell harvest and transplantation in patients with poor $\alpha$ risk myelodysplastic syndromes. <i>British Journal of Haematology</i> , 1996, 92, 351-359.	2.5	53
85	Efficacy of ruxolitinib in myeloid neoplasms with PCM1-JAK2 fusion gene. <i>Annals of Hematology</i> , 2015, 94, 1927-1928.	1.8	51
86	Real-time reverse transcription-PCR and fluorescence in-situ hybridization are complementary to understand the mechanisms involved in HER-2/neu overexpression in human breast carcinomas. <i>Histopathology</i> , 2005, 46, 431-441.	2.9	50
87	CTLA-4 blockade in murine bone marrow chimeras induces a host-derived antileukemic effect without graft-versus-host disease. <i>Leukemia</i> , 2007, 21, 1451-1459.	7.2	50
88	Analysis of phenotype and outcome in essential thrombocythemia with CALR or JAK2 mutations. <i>Haematologica</i> , 2015, 100, 893-897.	3.5	49
89	RPL5 on 1p22.1 is recurrently deleted in multiple myeloma and its expression is linked to bortezomib response. <i>Leukemia</i> , 2017, 31, 1706-1714.	7.2	49
90	Fusion gene $\alpha$ mediated truncation of <i>RUNX1</i> as a potential mechanism underlying disease progression in the 8p11 myeloproliferative syndrome. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 635-643.	2.8	48

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91	Integrative Genomic and Transcriptomic Analysis Identified Candidate Genes Implicated in the Pathogenesis of Hepatosplenic T-Cell Lymphoma. <i>PLoS ONE</i> , 2014, 9, e102977.	2.5	48
92	Is there a difference in childhood T-cell acute lymphoblastic leukaemia and T-cell lymphoblastic lymphoma?. <i>Leukemia and Lymphoma</i> , 2007, 48, 1745-1754.	1.3	46
93	A phase II study of the oral JAK1/JAK2 inhibitor ruxolitinib in advanced relapsed/refractory Hodgkin lymphoma. <i>Haematologica</i> , 2018, 103, 840-848.	3.5	45
94	Aggressive and indolent non-Hodgkin's lymphoma: Response assessment by Integrated International Workshop Criteria. <i>Leukemia and Lymphoma</i> , 2007, 48, 1522-1530.	1.3	43
95	The fusion proteins TEL-PDGFR $\beta$ and FIP1L1-PDGFR $\beta$ escape ubiquitination and degradation. <i>Haematologica</i> , 2009, 94, 1085-1093.	3.5	43
96	Comprehensive genome-wide analysis of routine non-invasive test data allows cancer prediction: A single-center retrospective analysis of over 85,000 pregnancies. <i>EClinicalMedicine</i> , 2021, 35, 100856.	7.1	42
97	Immobilized anti-CD5 together with prolonged activation of protein kinase C induce interleukin 2-dependent T cell growth: evidence for signal transduction through CD5. <i>European Journal of Immunology</i> , 1991, 21, 251-259.	2.9	41
98	Identification of Ponatinib as a potent inhibitor of growth, migration, and activation of neoplastic eosinophils carrying FIP1L1-PDGFR $\alpha$ . <i>Experimental Hematology</i> , 2014, 42, 282-293.e4.	0.4	41
99	Genomic alterations of the <i>JAK2</i> and <i>PDL</i> loci occur in a broad spectrum of lymphoid malignancies. <i>Genes Chromosomes and Cancer</i> , 2016, 55, 428-441.	2.8	41
100	Chimeric Antigen Receptor-T-Cell Therapy for B-Cell Hematological Malignancies: An Update of the Pivotal Clinical Trial Data. <i>Pharmaceutics</i> , 2020, 12, 194.	4.5	40
101	Interstitial del(14)(q) involving IGH: a novel recurrent aberration in B-NHL. <i>Leukemia</i> , 2007, 21, 2079-2083.	7.2	39
102	t(X;14)(p11.4;q32.33) is recurrent in marginal zone lymphoma and up-regulates GPR34. <i>Haematologica</i> , 2012, 97, 184-188.	3.5	39
103	Patients with high-risk myelodysplastic syndrome can have polyclonal or clonal haemopoiesis in complete haematological remission. <i>British Journal of Haematology</i> , 1998, 102, 486-494.	2.5	38
104	The role of the RAS pathway in iAMP21-ALL. <i>Leukemia</i> , 2016, 30, 1824-1831.	7.2	38
105	Axl Blockade by BGB324 Inhibits BCR-ABL Tyrosine Kinase Inhibitor-Resistant Chronic Myeloid Leukemia. <i>Clinical Cancer Research</i> , 2017, 23, 2289-2300.	7.0	38
106	Telomeric IGH Losses Detectable by Fluorescence in Situ Hybridization in Chronic Lymphocytic Leukemia Reflect Somatic VH Recombination Events. <i>Journal of Molecular Diagnostics</i> , 2007, 9, 47-54.	2.8	37
107	NF- $\kappa$ B is involved in the regulation of CD154 (CD40 ligand) expression in primary human T cells. <i>Clinical and Experimental Immunology</i> , 2001, 125, 229-236.	2.6	36
108	G-CSF receptor (CSF3R) mutations in X-linked neutropenia evolving to acute myeloid leukemia or myelodysplasia. <i>Haematologica</i> , 2009, 94, 1449-1452.	3.5	36

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109	In-depth characterization of the tumor microenvironment in central nervous system lymphoma reveals implications for immune-checkpoint therapy. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1751-1766.	4.2	36
110	Translocation t(14;18) is not associated with inferior outcome in chronic lymphocytic leukemia. <i>Leukemia</i> , 2009, 23, 1201-1204.	7.2	35
111	Hedgehog pathway mutations in T-cell acute lymphoblastic leukemia. <i>Haematologica</i> , 2015, 100, e102-e105.	3.5	35
112	Genomewide copy number alteration screening of circulating plasma DNA: potential for the detection of incipient tumors. <i>Annals of Oncology</i> , 2019, 30, 85-95.	1.2	35
113	Constitutive activation of WASp in X-linked neutropenia renders neutrophils hyperactive. <i>Journal of Clinical Investigation</i> , 2018, 128, 4115-4131.	8.2	35
114	Immature and mature monocyte-derived dendritic cells in myelodysplastic syndromes of subtypes refractory anemia or refractory anemia with ringed sideroblasts display an altered cytokine profile. <i>Leukemia Research</i> , 2007, 31, 1373-1382.	0.8	33
115	Clinicopathological characteristics of de novo and secondary myeloid sarcoma: A monocentric retrospective study. <i>European Journal of Haematology</i> , 2018, 100, 603-612.	2.2	32
116	Comparative study of peripheral blood progenitor cell collection in patients with multiple myeloma after single-dose cyclophosphamide combined with rhGM-CSF or rhG-CSF. <i>British Journal of Haematology</i> , 1995, 90, 384-392.	2.5	31
117	Ligation of the CD5 or CD28 molecules on resting human T cells induces expression of the early activation antigen CD69 by a calcium- and tyrosine kinase-dependent mechanism. <i>Immunology</i> , 1993, 78, 210-7.	4.4	31
118	The clinical significance of activated lymphocytes in patients with myelodysplastic syndromes: A single centre study of 131 patients. <i>Leukemia Research</i> , 2008, 32, 1026-1035.	0.8	29
119	EVI1 overexpression in t(3;17) positive myeloid malignancies results from juxtaposition of EVI1 to the MSI2 locus at 17q22. <i>Haematologica</i> , 2008, 93, 1903-1907.	3.5	29
120	Smad4 binds Hoxa9 in the cytoplasm and protects primitive hematopoietic cells against nuclear activation by Hoxa9 and leukemia transformation. <i>Blood</i> , 2011, 117, 5918-5930.	1.4	29
121	Chromosomal translocations involving the IGH@ locus in B-cell precursor acute lymphoblastic leukemia: 29 new cases and a review of the literature. <i>Cancer Genetics</i> , 2013, 206, 162-173.	0.4	29
122	Anaplastic lymphoma kinase-positive anaplastic large cell lymphoma with the variant RNF213-, ATIC- and TPM3-ALK fusions is characterized by copy number gain of the rearranged ALK gene. <i>Haematologica</i> , 2017, 102, 1605-1616.	3.5	29
123	CD34+ marrow progenitors from MDS patients with high levels of intramedullary apoptosis have reduced expression of $\alpha 4 \beta 1$ and $\alpha 5 \beta 1$ integrins. <i>Leukemia</i> , 2005, 19, 57-63.	7.2	28
124	Targeting cytokine- and therapy-induced PIM1 activation in preclinical models of T-cell acute lymphoblastic leukemia and lymphoma. <i>Blood</i> , 2020, 135, 1685-1695.	1.4	28
125	BIRD-2, a BH4-domain-targeting peptide of Bcl-2, provokes Bax/Bak-independent cell death in B-cell cancers through mitochondrial Ca <sup>2+</sup> -dependent mPTP opening. <i>Cell Calcium</i> , 2021, 94, 102333.	2.4	28
126	Autoimmune haemolytic anaemia triggered by Bartonella henselae infection: a case report. <i>British Journal of Haematology</i> , 2001, 115, 924-925.	2.5	27



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127	Case of megaloblastic anemia caused by intestinal taeniasis. <i>Annals of Hematology</i> , 2004, 83, 487-488.	1.8	27
128	Rapid and complete hematological response of refractory hairy cell leukemia to the BRAF inhibitor dabrafenib. <i>Annals of Hematology</i> , 2014, 93, 2087-2089.	1.8	26
129	Severe congenital neutropenia, a genetically heterogeneous disease group with an increased risk of AML/MDS. <i>Mental Illness</i> , 2011, 3, e9.	0.8	25
130	ICON: Eosinophil Disorders. <i>World Allergy Organization Journal</i> , 2012, 5, 174-181.	3.5	25
131	Prevalence and clinical association of gene mutations through multiplex mutation testing in patients with NSCLC: results from the ETOP Lungscape Project. <i>Annals of Oncology</i> , 2018, 29, 200-208.	1.2	25
132	Hepatosplenic T-cell lymphoma after liver transplantation: Report of the first 2 cases and review of the literature. <i>Liver Transplantation</i> , 2009, 15, 686-692.	2.4	23
133	Coexisting driver mutations in MPN: clinical and molecular characteristics of a series of 11 patients. <i>Hematology</i> , 2018, 23, 785-792.	1.5	23
134	Status report of the Leuven isotope separator on-line (LISOL). <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1992, 70, 50-55.	1.4	22
135	t(3;11)(q12;p15)/NUP98-LOC348801 fusion transcript in acute myeloid leukemia. <i>Haematologica</i> , 2008, 93, 1398-1401.	3.5	22
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274	TAF10 Interacts with GATA1 Transcription Factor and Controls Mouse Erythropoiesis. <i>Blood</i> , 2014, 124, 2912-2912.	1.4	0
275	RPL5 Is a Candidate Tumor Suppressor on 1p22.1 in Multiple Myeloma of Which the Expression Is Linked to Bortezomib Response. <i>Blood</i> , 2015, 126, 2969-2969.	1.4	0
276	Identification of Candidate Oncogenes and Chromosomal Breakpoint Sequencing By Targeted Locus Amplification in T-Cell Acute Lymphoblastic Leukemia. <i>Blood</i> , 2015, 126, 1409-1409.	1.4	0
277	ALK-Positive Anaplastic Large Cell Lymphoma with the Variant EEF1G-, RNF213- and Atic-ALK Fusions Is Featured By Copy Number Gain of the Rearranged ALK Gene. <i>Blood</i> , 2015, 126, 3654-3654.	1.4	0
278	BGB324 Inhibits BCR-ABL TKI-Resistant Chronic Myeloid Leukemia. <i>Blood</i> , 2015, 126, 1569-1569.	1.4	0
279	Unraveling the Landscape of Copy Number Aberrations in Hodgkin Lymphoma: A Joint KU Leuven and Lysa Study on Circulating Cell Free DNA. <i>Blood</i> , 2018, 132, 2836-2836.	1.4	0
280	Lymphoma Virome Dynamics Revealed By Cell-Free DNA Sequencing. <i>Blood</i> , 2018, 132, 2861-2861.	1.4	0