Nicholas Cross

List of Publications by Citations

280 papers	26,858 citations	78 h-index	157 g-index
286 ext. papers	29,741 ext. citations	8.2 avg, IF	6.31 L-index

#	Paper	IF	Citations
280	A tyrosine kinase created by fusion of the PDGFRA and FIP1L1 genes as a therapeutic target of imatinib in idiopathic hypereosinophilic syndrome. *New England Journal of Medicine*, **2003**, 348, 1201-14	59.2	1426
279	Somatic CALR mutations in myeloproliferative neoplasms with nonmutated JAK2. *New England Journal of Medicine*, **2013**, 369, 2391-2405	59.2	1262
278	Clinical and biological implications of driver mutations in myelodysplastic syndromes. *Blood*, **2013**, 122, 3616-27; quiz 3699	2.2	1169
277	Monitoring CML patients responding to treatment with tyrosine kinase inhibitors: review and recommendations for harmonizing current methodology for detecting BCR-ABL transcripts and kinase domain mutations and for expressing results. *Blood*, **2006**, 108, 28-37	2.2	977
276	Inactivating mutations of the histone methyltransferase gene EZH2 in myeloid disorders. *Nature Genetics*, **2010**, 42, 722-6	36.3	897
275	Molecular and chromosomal mechanisms of resistance to imatinib (STI571) therapy. *Leukemia*, **2002**, 16, 2190-6	10.7	769
274	Hydroxyurea compared with anagrelide in high-risk essential thrombocythemia. *New England Journal of Medicine*, **2005**, 353, 33-45	59.2	714
273	Widespread occurrence of the JAK2 V617F mutation in chronic myeloproliferative disorders. *Blood*, **2005**, 106, 2162-8	2.2	706
272	Response to imatinib mesylate in patients with chronic myeloproliferative diseases with rearrangements of the platelet-derived growth factor receptor beta. *New England Journal of Medicine*, **2002**, 347, 481-7	59.2	546
271	Mutations and prognosis in primary myelofibrosis. *Leukemia*, **2013**, 27, 1861-9	10.7	520
270	Aberrations of EZH2 in cancer. *Clinical Cancer Research*, **2011**, 17, 2613-8	12.9	422
269	BCR-ABL kinase domain mutation analysis in chronic myeloid leukemia patients treated with tyrosine kinase inhibitors: recommendations from an expert panel on behalf of European LeukemiaNet. *Blood*, **2011**, 118, 1208-15	2.2	395
268	Prognostic score including gene mutations in chronic myelomonocytic leukemia. *Journal of Clinical Oncology*, **2013**, 31, 2428-36	2.2	373
267	CHIC2 deletion, a surrogate for FIP1L1-PDGFRA fusion, occurs in systemic mastocytosis associated with eosinophilia and predicts response to imatinib mesylate therapy. *Blood*, **2003**, 102, 3093-6	2.2	327
266	Frequent CBL mutations associated with 11q acquired uniparental disomy in myeloproliferative neoplasms. *Blood*, **2009**, 113, 6182-92	2.2	321
265	JAK2 haplotype is a major risk factor for the development of myeloproliferative neoplasms. *Nature Genetics*, **2009**, 41, 446-9	36.3	320
264	Desirable performance characteristics for BCR-ABL measurement on an international reporting scale to allow consistent interpretation of individual patient response and comparison of response rates between clinical trials. *Blood*, **2008**, 112, 3330-8	2.2	306

263	Standardized definitions of molecular response in chronic myeloid leukemia. *Leukemia*, **2012**, 26, 2172-5	10.7	293
262	International Working Group (IWG) consensus criteria for treatment response in myelofibrosis with myeloid metaplasia, for the IWG for Myelofibrosis Research and Treatment (IWG-MRT). *Blood*, **2006**, 108, 1497-503	2.2	287
261	Recurrent SETBP1 mutations in atypical chronic myeloid leukemia. *Nature Genetics*, **2013**, 45, 18-24	36.3	272
260	Accurate and rapid analysis of residual disease in patients with CML using specific fluorescent hybridization probes for real time quantitative RT-PCR. *Leukemia*, **1999**, 13, 1825-32	10.7	232
259	The t(8;9)(p22;p24) is a recurrent abnormality in chronic and acute leukemia that fuses PCM1 to JAK2. *Cancer Research*, **2005**, 65, 2662-7	10.1	231
258	Laboratory recommendations for scoring deep molecular responses following treatment for chronic myeloid leukemia. *Leukemia*, **2015**, 29, 999-1003	10.7	229
257	DNA topoisomerase II in therapy-related acute promyelocytic leukemia. *New England Journal of Medicine*, **2005**, 352, 1529-38	59.2	229
256	A novel gene, NSD1, is fused to NUP98 in the t(5;11)(q35;p15.5) in de novo childhood acute myeloid leukemia. *Blood*, **2001**, 98, 1264-7	2.2	214
255	Mosaic loss of chromosome Y in peripheral blood is associated with shorter survival and higher risk of cancer. *Nature Genetics*, **2014**, 46, 624-8	36.3	213
254	The number of prognostically detrimental mutations and prognosis in primary myelofibrosis: an international study of 797 patients. *Leukemia*, **2014**, 28, 1804-10	10.7	213
253	Imatinib for systemic mast-cell disease. *Lancet, The*, **2003**, 362, 535-6	40	207
252	EZH2 mutational status predicts poor survival in myelofibrosis. *Blood*, **2011**, 118, 5227-34	2.2	204
251	The 8p11 myeloproliferative syndrome: a distinct clinical entity caused by constitutive activation of FGFR1. *Acta Haematologica*, **2002**, 107, 101-7	2.7	189
250	Mutations affecting mRNA splicing define distinct clinical phenotypes and correlate with patient outcome in myelodysplastic syndromes. *Blood*, **2012**, 119, 3211-8	2.2	188
249	Imatinib therapy for hypereosinophilic syndrome and other eosinophilic disorders. *Blood*, **2003**, 101, 3391-7	2.2	187
248	Comprehensive mutational profiling in advanced systemic mastocytosis. *Blood*, **2013**, 122, 2460-6	2.2	183
247	The t(8;22) in chronic myeloid leukemia fuses BCR to FGFR1: transforming activity and specific inhibition of FGFR1 fusion proteins. *Blood*, **2001**, 98, 3778-83	2.2	171
246	Harmonization of molecular monitoring of CML therapy in Europe. *Leukemia*, **2009**, 23, 1957-63	10.7	170

245	MOZ-TIF2-induced acute myeloid leukemia requires the MOZ nucleosome binding motif and TIF2-mediated recruitment of CBP. *Cancer Cell*, **2003**, 3, 259-71	24.3	170
244	The clinical significance of NOTCH1 and SF3B1 mutations in the UK LRF CLL4 trial. *Blood*, **2013**, 121, 468-75	11.1	167
243	Low-dose imatinib mesylate leads to rapid induction of major molecular responses and achievement of complete molecular remission in FIP1L1-PDGFRA-positive chronic eosinophilic leukemia. *Blood*, **2007**, 109, 4635-40	2.2	167
242	KIT mutation analysis in mast cell neoplasms: recommendations of the European Competence Network on Mastocytosis. *Leukemia*, **2015**, 29, 1223-32	10.7	164
241	Rationale for the recommendations for harmonizing current methodology for detecting BCR-ABL transcripts in patients with chronic myeloid leukaemia. *Leukemia*, **2006**, 20, 1925-30	10.7	164
240	Dosage analysis of cancer predisposition genes by multiplex ligation-dependent probe amplification. *British Journal of Cancer*, **2004**, 91, 1155-9	8.7	155
239	Combining gene mutation with gene expression data improves outcome prediction in myelodysplastic syndromes. *Nature Communications*, **2015**, 6, 5901	17.4	149
238	Inactivation of polycomb repressive complex 2 components in myeloproliferative and myelodysplastic/myeloproliferative neoplasms. *Blood*, **2012**, 119, 1208-13	2.2	144
237	Recurrent finding of the FIP1L1-PDGFRA fusion gene in eosinophilia-associated acute myeloid leukemia and lymphoblastic T-cell lymphoma. *Leukemia*, **2007**, 21, 1183-8	10.7	140
236	Myeloproliferative disorders with translocations of chromosome 5q31-35: role of the platelet-derived growth factor receptor Beta. *Acta Haematologica*, **2002**, 107, 113-22	2.7	140
235	Additional mutations in SRSF2, ASXL1 and/or RUNX1 identify a high-risk group of patients with KIT D816V(+) advanced systemic mastocytosis. *Leukemia*, **2016**, 30, 136-43	10.7	137
234	Durable responses to imatinib in patients with PDGFRB fusion gene-positive and BCR-ABL-negative chronic myeloproliferative disorders. *Blood*, **2007**, 109, 61-4	2.2	136
233	Early detection of BCR-ABL transcripts by quantitative reverse transcriptase-polymerase chain reaction predicts outcome after allogeneic stem cell transplantation for chronic myeloid leukemia. *Blood*, **2001**, 97, 1560-5	2.2	135
232	Minimal residual disease after allogeneic bone marrow transplantation for chronic myeloid leukaemia in first chronic phase: correlations with acute graft-versus-host disease and relapse. *British Journal of Haematology*, **1993**, 84, 67-74	4.5	134
231	Distinct stem cell myeloproliferative/T lymphoma syndromes induced by ZNF198-FGFR1 and BCR-FGFR1 fusion genes from 8p11 translocations. *Cancer Cell*, **2004**, 5, 287-98	24.3	131
230	Targeting FGFR3 in multiple myeloma: inhibition of t(4;14)-positive cells by SU5402 and PD173074. *Leukemia*, **2004**, 18, 962-6	10.7	128
229	Deletion of chromosome 13 detected by conventional cytogenetics is a critical prognostic factor in myeloma. *Leukemia*, **2006**, 20, 1610-7	10.7	124
228	Gene mapping and expression analysis of 16q loss of heterozygosity identifies WWOX and CYLD as being important in determining clinical outcome in multiple myeloma. *Blood*, **2007**, 110, 3291-300	2.2	121

227	Genetic variation at MECOM, TERT, JAK2 and HBS1L-MYB predisposes to myeloproliferative neoplasms. *Nature Communications*, **2015**, 6, 6691	17.4	120
226	Molecular profiling of chronic myelomonocytic leukemia reveals diverse mutations in >80% of patients with TET2 and EZH2 being of high prognostic relevance. *Leukemia*, **2011**, 25, 877-9	10.7	120
225	Establishment of the first World Health Organization International Genetic Reference Panel for quantitation of BCR-ABL mRNA. *Blood*, **2010**, 116, e111-7	2.2	120
224	An international consortium proposal of uniform response criteria for myelodysplastic/myeloproliferative neoplasms (MDS/MPN) in adults. *Blood*, **2015**, 125, 1857-65	2.2	118
223	Oncogenic derivatives of platelet-derived growth factor receptors. *Cellular and Molecular Life Sciences*, **2004**, 61, 2912-23	10.3	118
222	A potent inhibitor of Taq polymerase copurifies with human genomic DNA. *Nucleic Acids Research*, **1988**, 16, 10355	20.1	118
221	The KIT D816V expressed allele burden for diagnosis and disease monitoring of systemic mastocytosis. *Annals of Hematology*, **2014**, 93, 81-8	3	113
220	A novel K509I mutation of KIT identified in familial mastocytosis-in vitro and in vivo responsiveness to imatinib therapy. *Leukemia Research*, **2006**, 30, 373-8	2.7	111
219	Tyrosine kinase fusion genes in chronic myeloproliferative diseases. *Leukemia*, **2002**, 16, 1207-12	10.7	111
218	The t(4;22)(q12;q11) in atypical chronic myeloid leukaemia fuses BCR to PDGFRA. *Human Molecular Genetics*, **2002**, 11, 1391-7	5.6	109
217	Serial measurement of BCR-ABL transcripts in the peripheral blood after allogeneic stem cell transplantation for chronic myeloid leukemia: an attempt to define patients who may not require further therapy. *Blood*, **2006**, 107, 4171-6	2.2	108
216	Minimal molecular response in polycythemia vera patients treated with imatinib or interferon alpha. *Blood*, **2006**, 107, 3339-41	2.2	107
215	Safety and efficacy of imatinib in chronic eosinophilic leukaemia and hypereosinophilic syndrome: a phase-II study. *British Journal of Haematology*, **2008**, 143, 707-15	4.5	104
214	Molecular analysis of aldolase B genes in hereditary fructose intolerance. *Lancet, The*, **1990**, 335, 306-9	40	103
213	Molecular profiling of myeloid progenitor cells in multi-mutated advanced systemic mastocytosis identifies KIT D816V as a distinct and late event. *Leukemia*, **2015**, 29, 1115-22	10.7	102
212	Identification of a novel imatinib responsive KIF5B-PDGFRA fusion gene following screening for PDGFRA overexpression in patients with hypereosinophilia. *Leukemia*, **2006**, 20, 827-32	10.7	101
211	Patients with myeloid malignancies bearing PDGFRB fusion genes achieve durable long-term remissions with imatinib. *Blood*, **2014**, 123, 3574-7	2.2	91
210	Detection and quantification of residual disease in chronic myelogenous leukemia. *Leukemia*, **2000**, 14, 998-1005	10.7	87

209	Accurate detection and quantitation of heteroplasmic mitochondrial point mutations by pyrosequencing. *Genetic Testing and Molecular Biomarkers*, **2005**, 9, 190-9		84
208	Activity of TKI258 against primary cells and cell lines with FGFR1 fusion genes associated with the 8p11 myeloproliferative syndrome. *Blood*, **2007**, 110, 3729-34	2.2	82
207	Catalytic deficiency of human aldolase B in hereditary fructose intolerance caused by a common missense mutation. *Cell*, **1988**, 53, 881-5	56.2	82
206	The JAK2 46/1 haplotype predisposes to MPL-mutated myeloproliferative neoplasms. *Blood*, **2010**, 115, 4517-23	2.2	80
205	Methylation-sensitive high-resolution melting-curve analysis of the SNRPN gene as a diagnostic screen for Prader-Willi and Angelman syndromes. *Clinical Chemistry*, **2007**, 53, 1960-2	5.5	80
204	An International MDS/MPN Working Group's perspective and recommendations on molecular pathogenesis, diagnosis and clinical characterization of myelodysplastic/myeloproliferative neoplasms. *Haematologica*, **2015**, 100, 1117-30	6.6	79
203	TEL-AML1 fusion in acute lymphoblastic leukaemia of adults. M.R.C. Adult Leukaemia Working Party. *British Journal of Haematology*, **1996**, 95, 673-7	4.5	79
202	Frontline nilotinib in patients with chronic myeloid leukemia in chronic phase: results from the European ENEST1st study. *Leukemia*, **2016**, 30, 57-64	10.7	78
201	Establishing optimal quantitative-polymerase chain reaction assays for routine diagnosis and tracking of minimal residual disease in JAK2-V617F-associated myeloproliferative neoplasms: a joint European LeukemiaNet/MPN&MPNr-EuroNet (COST action BM0902) study. *Leukemia*, **2013**, 27, 2032-9	10.7	78
200	Identification of a novel gene, FGFR1OP2, fused to FGFR1 in 8p11 myeloproliferative syndrome. *Genes Chromosomes and Cancer*, **2004**, 40, 78-83	5	78
199	The t(8;17)(p11;q23) in the 8p11 myeloproliferative syndrome fuses MYO18A to FGFR1. *Leukemia*, **2005**, 19, 1005-9	10.7	77
198	Guidelines for the measurement of BCR-ABL1 transcripts in chronic myeloid leukaemia. *British Journal of Haematology*, **2011**, 153, 179-90	4.5	76
197	Type 5 acid phosphatase. Sequence, expression and chromosomal localization of a differentiation-associated protein of the human macrophage. *FEBS Journal*, **1990**, 189, 287-93		76
196	Guideline for the investigation and management of eosinophilia. *British Journal of Haematology*, **2017**, 176, 553-572	4.5	73
195	Identification of four new translocations involving FGFR1 in myeloid disorders. *Genes Chromosomes and Cancer*, **2001**, 32, 155-63	5	73
194	Clonal diversity in the myeloproliferative neoplasms: independent origins of genetically distinct clones. *British Journal of Haematology*, **2009**, 144, 904-8	4.5	72
193	Novel translocations that disrupt the platelet-derived growth factor receptor beta (PDGFRB) gene in BCR-ABL-negative chronic myeloproliferative disorders. *British Journal of Haematology*, **2003**, 120, 251-6	4.5	72
192	In search of the original leukemic clone in chronic myeloid leukemia patients in complete molecular remission after stem cell transplantation or imatinib. *Blood*, **2010**, 116, 1329-35	2.2	71

191	Characterization of three new imatinib-responsive fusion genes in chronic myeloproliferative disorders generated by disruption of the platelet-derived growth factor receptor beta gene. *Haematologica*, **2007**, 92, 163-9	6.6	71
190	Standardisation of molecular monitoring for chronic myeloid leukaemia. *Best Practice and Research in Clinical Haematology*, **2009**, 22, 355-65	4.2	70
189	Variable numbers of BCR-ABL transcripts persist in CML patients who achieve complete cytogenetic remission with interferon-alpha. *British Journal of Haematology*, **1995**, 91, 126-31	4.5	70
188	Molecular diagnosis of the myeloproliferative neoplasms: UK guidelines for the detection of JAK2 V617F and other relevant mutations. *British Journal of Haematology*, **2013**, 160, 25-34	4.5	68
187	Novel imatinib-sensitive PDGFRA-activating point mutations in hypereosinophilic syndrome induce growth factor independence and leukemia-like disease. *Blood*, **2011**, 117, 2935-43	2.2	67
186	The t(14;20) is a poor prognostic factor in myeloma but is associated with long-term stable disease in monoclonal gammopathies of undetermined significance. *Haematologica*, **2010**, 95, 1221-5	6.6	67
185	TET2 mutations are associated with specific 5-methylcytosine and 5-hydroxymethylcytosine profiles in patients with chronic myelomonocytic leukemia. *PLoS ONE*, **2012**, 7, e31605	3.7	66
184	Two novel imatinib-responsive PDGFRA fusion genes in chronic eosinophilic leukaemia. *British Journal of Haematology*, **2007**, 138, 77-81	4.5	66
183	p53-Binding protein 1 is fused to the platelet-derived growth factor receptor beta in a patient with a t(5;15)(q33;q22) and an imatinib-responsive eosinophilic myeloproliferative disorder. *Cancer Research*, **2004**, 64, 7216-9	10.1	66
182	Response and progression on midostaurin in advanced systemic mastocytosis: D816V and other molecular markers. *Blood*, **2017**, 130, 137-145	2.2	64
181	Age has a profound effect on the incidence and significance of chromosome abnormalities in myeloma. *Leukemia*, **2005**, 19, 1634-42	10.7	64
180	The rate and kinetics of molecular response to donor leucocyte transfusions in chronic myeloid leukaemia patients treated for relapse after allogeneic bone marrow transplantation. *British Journal of Haematology*, **1997**, 99, 945-50	4.5	63
179	Heterogeneous prognostic impact of derivative chromosome 9 deletions in chronic myelogenous leukemia. *Blood*, **2007**, 110, 1283-90	2.2	62
178	Response of ETV6-FLT3-positive myeloid/lymphoid neoplasm with eosinophilia to inhibitors of FMS-like tyrosine kinase 3. *Blood*, **2011**, 118, 2239-42	2.2	61
177	Adoptive immunotherapy for relapse of chronic myeloid leukemia after allogeneic bone marrow transplant: equal efficacy of lymphocytes from sibling and matched unrelated donors. *Bone Marrow Transplantation*, **1998**, 21, 1055-61	4.4	61
176	NIN, a gene encoding a CEP110-like centrosomal protein, is fused to PDGFRB in a patient with a t(5;14)(q33;q24) and an imatinib-responsive myeloproliferative disorder. *Cancer Research*, **2004**, 64, 2673-6	10.1	61
175	Ponatinib as targeted therapy for FGFR1 fusions associated with the 8p11 myeloproliferative syndrome. *Haematologica*, **2013**, 98, 103-6	6.6	60
174	Timing of acquisition of deletion 13 in plasma cell dyscrasias is dependent on genetic context. *Haematologica*, **2009**, 94, 1708-13	6.6	60

173	Screening for diverse PDGFRA or PDGFRB fusion genes is facilitated by generic quantitative reverse transcriptase polymerase chain reaction analysis. *Haematologica*, **2010**, 95, 738-44	6.6	60
172	Disruption and aberrant expression of HMGA2 as a consequence of diverse chromosomal translocations in myeloid malignancies. *Leukemia*, **2005**, 19, 245-52	10.7	59
171	Characterization of genomic BCR-ABL breakpoints in chronic myeloid leukaemia by PCR. *British Journal of Haematology*, **1995**, 90, 138-46	4.5	59
170	Transient response to imatinib in a chronic eosinophilic leukemia associated with ins(9;4)(q33;q12q25) and a CDK5RAP2-PDGFRA fusion gene. *Genes Chromosomes and Cancer*, **2006**, 45, 950-6	5	58
169	The clinical and molecular diversity of mast cell leukemia with or without associated hematologic neoplasm. *Haematologica*, **2017**, 102, 1035-1043	6.6	57
168	A certified plasmid reference material for the standardisation of BCR-ABL1 mRNA quantification by real-time quantitative PCR. *Leukemia*, **2015**, 29, 369-76	10.7	57
167	Transcription factor mutations in myelodysplastic/myeloproliferative neoplasms. *Haematologica*, **2010**, 95, 1473-80	6.6	57
166	Frequent upregulation of MYC in plasma cell leukemia. *Genes Chromosomes and Cancer*, **2009**, 48, 624-36	5	56
165	Impact of BCR-ABL mutations on patients with chronic myeloid leukemia. *Cell Cycle*, **2011**, 10, 250-60	4.7	56
164	Persistence of bone marrow micrometastases in patients receiving adjuvant therapy for breast cancer: results at 4 years. *International Journal of Cancer*, **2005**, 114, 94-100	7.5	55
163	Molecular studies in patients with chronic myeloid leukaemia in remission 5 years after allogeneic stem cell transplant define the risk of subsequent relapse. *British Journal of Haematology*, **2001**, 115, 569-74	4.5	55
162	Limited duration of complete remission on ruxolitinib in myeloid neoplasms with PCM1-JAK2 and BCR-JAK2 fusion genes. *Annals of Hematology*, **2015**, 94, 233-8	3	54
161	Amplification refractory mutation system, a highly sensitive and simple polymerase chain reaction assay, for the detection of JAK2 V617F mutation in chronic myeloproliferative disorders. *Journal of Molecular Diagnostics*, **2007**, 9, 272-6	5.1	54
160	Splenomegaly, elevated alkaline phosphatase and mutations in the SRSF2/ASXL1/RUNX1 gene panel are strong adverse prognostic markers in patients with systemic mastocytosis. *Leukemia*, **2016**, 30, 2342-2350	10.7	53
159	Fibroblast growth factor receptor and platelet-derived growth factor receptor abnormalities in eosinophilic myeloproliferative disorders. *Acta Haematologica*, **2008**, 119, 199-206	2.7	52
158	Genomic anatomy of the specific reciprocal translocation t(15;17) in acute promyelocytic leukemia. *Genes Chromosomes and Cancer*, **2003**, 36, 175-88	5	52
157	Minimal residual disease after bone marrow transplant for chronic myeloid leukaemia detected by the polymerase chain reaction. *Leukemia and Lymphoma*, **1993**, 11 Suppl 1, 39-43	1.9	51
156	A comparison of the sensitivity of blood and bone marrow for the detection of minimal residual disease in chronic myeloid leukaemia. *British Journal of Haematology*, **1994**, 86, 683-5	4.5	50

155	Molecular pathogenesis of atypical CML, CMML and MDS/MPN-unclassifiable. *International Journal of Hematology*, **2015**, 101, 229-42	2.3	49
154	Limited clinical activity of nilotinib and sorafenib in FIP1L1-PDGFRA positive chronic eosinophilic leukemia with imatinib-resistant T674I mutation. *Leukemia*, **2012**, 26, 162-4	10.7	49
153	JAK2(V617F) allele burden in polycythemia vera correlates with grade of myelofibrosis, but is not substantially affected by therapy. *Leukemia Research*, **2011**, 35, 177-82	2.7	48
152	Eosinophilic disorders: molecular pathogenesis, new classification, and modern therapy. *Best Practice and Research in Clinical Haematology*, **2006**, 19, 535-69	4.2	48
151	Consistent fusion of MOZ and TIF2 in AML with inv(8)(p11q13). *Cancer Genetics and Cytogenetics*, **1999**, 113, 70-2		48
150	Evaluation of methods to detect CALR mutations in myeloproliferative neoplasms. *Leukemia Research*, **2015**, 39, 82-7	2.7	47
149	JAK2 Mutations are present in all cases of polycythemia vera. *Leukemia*, **2008**, 22, 1289	10.7	47
148	Long-term follow-up of treatment with imatinib in eosinophilia-associated myeloid/lymphoid neoplasms with PDGFR rearrangements in blast phase. *Leukemia*, **2013**, 27, 2254-6	10.7	46
147	Rapid identification of JAK2 exon 12 mutations using high resolution melting analysis. *Haematologica*, **2008**, 93, 1560-4	6.6	46
146	The t(1;9)(p34;q34) and t(8;12)(p11;q15) fuse pre-mRNA processing proteins SFPQ (PSF) and CPSF6 to ABL and FGFR1. *Genes Chromosomes and Cancer*, **2008**, 47, 379-85	5	46
145	TFG, a target of chromosome translocations in lymphoma and soft tissue tumors, fuses to GPR128 in healthy individuals. *Haematologica*, **2010**, 95, 20-6	6.6	45
144	Quantification of minimal residual disease in patients with BCR-ABL-positive acute lymphoblastic leukaemia using quantitative competitive polymerase chain reaction. *British Journal of Haematology*, **1999**, 106, 634-43	4.5	45
143	The U2AF1S34F mutation induces lineage-specific splicing alterations in myelodysplastic syndromes. *Journal of Clinical Investigation*, **2017**, 127, 2206-2221	15.9	45
142	Isolation and characterization of the genes encoding mouse and human type-5 acid phosphatase. *Gene*, **1993**, 130, 201-7	3.8	44
141	Genomics of Myeloproliferative Neoplasms. *Journal of Clinical Oncology*, **2017**, 35, 947-954	2.2	43
140	An atypical myeloproliferative disorder with t(8;13) (p11;q12): a third case. *British Journal of Haematology*, **1994**, 86, 879-80	4.5	43
139	The influence of INK4 proteins on growth and self-renewal kinetics of hematopoietic progenitor cells. *Blood*, **2001**, 97, 2604-10	2.2	42
138	Loss of 1p and rearrangement of MYC are associated with progression of smouldering myeloma to myeloma: sequential analysis of a single case. *Haematologica*, **2009**, 94, 1024-8	6.6	41

137	Impact of isolated germline JAK2V617I mutation on human hematopoiesis. *Blood*, **2013**, 121, 4156-65	2.2	40
136	JAK2 V617F mutation in classic chronic myeloproliferative diseases: a report on a series of 349 patients. *Leukemia*, **2006**, 20, 534-5	10.7	40
135	P2X7 polymorphism and chronic lymphocytic leukaemia: lack of correlation with incidence, survival and abnormalities of chromosome 12. *Leukemia*, **2003**, 17, 2097-100	10.7	40
134	Development and evaluation of a secondary reference panel for BCR-ABL1 quantification on the International Scale. *Leukemia*, **2016**, 30, 1844-52	10.7	40
133	Critical role of STAT5 activation in transformation mediated by ZNF198-FGFR1. *Journal of Biological Chemistry*, **2004**, 279, 6666-73	5.4	39
132	Clinical variability of patients with the t(6;8)(q27;p12) and FGFR1OP-FGFR1 fusion: two further cases. *The Hematology Journal*, **2004**, 5, 534-7		39
131	Recurrent activating STAT5B N642H mutation in myeloid neoplasms with eosinophilia. *Leukemia*, **2019**, 33, 415-425	10.7	39
130	Establishment and validation of analytical reference panels for the standardization of quantitative BCR-ABL1 measurements on the international scale. *Clinical Chemistry*, **2013**, 59, 938-48	5.5	38
129	KIT D816V and JAK2 V617F mutations are seen recurrently in hypereosinophilia of unknown significance. *American Journal of Hematology*, **2015**, 90, 774-7	7.1	38
128	JAK2V617F mutational frequency in polycythemia vera: 100%, >90%, less?. *Leukemia*, **2006**, 20, 2067	10.7	38
127	Aberrant DNA methylation profile of chronic and transformed classic Philadelphia-negative myeloproliferative neoplasms. *Haematologica*, **2013**, 98, 1414-20	6.6	37
126	Der(6)t(1;6)(q21-23;p21.3): a specific cytogenetic abnormality in myelofibrosis with myeloid metaplasia. *British Journal of Haematology*, **2005**, 130, 229-32	4.5	37
125	Myeloproliferative disorders. *Best Practice and Research in Clinical Haematology*, **2001**, 14, 531-51	4.2	37
124	Tsetse fly rDNA: an analysis of structure and sequence. *Nucleic Acids Research*, **1987**, 15, 15-30	20.1	37
123	A constitutively active SPTBN1-FLT3 fusion in atypical chronic myeloid leukemia is sensitive to tyrosine kinase inhibitors and immunotherapy. *Experimental Hematology*, **2007**, 35, 1723-7	3.1	36
122	Quantification of PML-RAR alpha transcripts in acute promyelocytic leukaemia: explanation for the lack of sensitivity of RT-PCR for the detection of minimal residual disease and induction of the leukaemia-specific mRNA by alpha interferon. *British Journal of Haematology*, **1996**, 95, 95-101	4.5	35
121	Rarity of microsatellite alterations in acute myeloid leukaemia. *British Journal of Cancer*, **1996**, 74, 255-7	8.7	34
120	Mutations in SETBP1 are recurrent in myelodysplastic syndromes and often coexist with cytogenetic markers associated with disease progression. *British Journal of Haematology*, **2013**, 163, 235-9	4.5	33

119	Analysis of genomic breakpoints in p190 and p210 BCR-ABL indicate distinct mechanisms of formation. *Leukemia*, **2010**, 24, 1742-50	10.7	33
118	ABL-BCR expression does not correlate with deletions on the derivative chromosome 9 or survival in chronic myeloid leukemia. *Blood*, **2001**, 98, 2879-80	2.2	33
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