

Tessa L Holyoake

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208 papers	12,468 citations	51 h-index	110 g-index
216 ext. papers	13,698 ext. citations	6 avg, IF	5.82 L-index

#	Paper	IF	Citations
208	BRD4-mediated repression of p53 is a target for combination therapy in AML. <i>Nature Communications</i> , 2021 , 12, 241	17.4	11
207	CD93 is expressed on chronic myeloid leukemia stem cells and identifies a quiescent population which persists after tyrosine kinase inhibitor therapy. <i>Leukemia</i> , 2020 , 34, 1613-1625	10.7	22
206	Targeting quiescent leukemic stem cells using second generation autophagy inhibitors. <i>Leukemia</i> , 2019 , 33, 981-994	10.7	63
205	-mediated regulation of E2F1 is required for CML stem/progenitor cell survival. <i>Blood</i> , 2018 , 131, 1532-1544	10.7	28
204	Bone marrow niche trafficking of miR-126 controls the self-renewal of leukemia stem cells in chronic myelogenous leukemia. <i>Nature Medicine</i> , 2018 , 24, 450-462	50.5	69
203	Targeting BCR-ABL-Independent TKI Resistance in Chronic Myeloid Leukemia by mTOR and Autophagy Inhibition. <i>Journal of the National Cancer Institute</i> , 2018 , 110, 467-478	9.7	51
202	Investigation of a minor groove-binding polyamide targeted to E2F1 transcription factor in chronic myeloid leukaemia (CML) cells. <i>Blood Cells, Molecules, and Diseases</i> , 2018 , 69, 119-122	2.1	5
201	The chronic myeloid leukemia stem cell: stemming the tide of persistence. <i>Blood</i> , 2017 , 129, 1595-1606	2.2	171
200	Preclinical approaches in chronic myeloid leukemia: from cells to systems. <i>Experimental Hematology</i> , 2017 , 47, 13-23	3.1	21
199	CML cells actively evade host immune surveillance through cytokine-mediated downregulation of MHC-II expression. <i>Blood</i> , 2017 , 129, 199-208	2.2	42
198	Targeting mitochondrial oxidative phosphorylation eradicates therapy-resistant chronic myeloid leukemia stem cells. <i>Nature Medicine</i> , 2017 , 23, 1234-1240	50.5	247
197	A new monoclonal antibody detects downregulation of protein tyrosine phosphatase receptor type β in chronic myeloid leukemia patients. <i>Journal of Hematology and Oncology</i> , 2017 , 10, 129	22.4	15
196	Axl Blockade by BGB324 Inhibits BCR-ABL Tyrosine Kinase Inhibitor-Sensitive and -Resistant Chronic Myeloid Leukemia. <i>Clinical Cancer Research</i> , 2017 , 23, 2289-2300	12.9	30
195	Epigenetic Reprogramming Sensitizes CML Stem Cells to Combined EZH2 and Tyrosine Kinase Inhibition. <i>Cancer Discovery</i> , 2016 , 6, 1248-1257	24.4	82
194	Lifting the Differentiation Embargo. <i>Cell</i> , 2016 , 167, 45-46	56.2	4
193	CXCR2 and CXCL4 regulate survival and self-renewal of hematopoietic stem/progenitor cells. <i>Blood</i> , 2016 , 128, 371-83	2.2	28
192	Deregulated hedgehog pathway signaling is inhibited by the smoothened antagonist LDE225 (Sonidegib) in chronic phase chronic myeloid leukaemia. <i>Scientific Reports</i> , 2016 , 6, 25476	4.9	54

191	Dual targeting of p53 and c-MYC selectively eliminates leukaemic stem cells. <i>Nature</i> , 2016 , 534, 341-6	50.4	141
190	Mtss1 is a critical epigenetically regulated tumor suppressor in CML. <i>Leukemia</i> , 2016 , 30, 823-32	10.7	24
189	Identification of CD25 as STAT5-Dependent Growth Regulator of Leukemic Stem Cells in Ph+ CML. <i>Clinical Cancer Research</i> , 2016 , 22, 2051-61	12.9	38
188	Notch Pathway Activation Targets Leukemic Stem Cells in Chronic-Phase Chronic Myeloid Leukemia (CP-CML). <i>Blood</i> , 2016 , 128, 3057-3057	2.2	1
187	Therapy Resistant CML Stem Cells Are Dependent on Mitochondrial Oxidative Metabolism for Their Survival. <i>Blood</i> , 2016 , 128, 932-932	2.2	2
186	Cooperation of imipramine blue and tyrosine kinase blockade demonstrates activity against chronic myeloid leukemia. <i>Oncotarget</i> , 2016 , 7, 51651-51664	3.3	11
185	Inhibition of interleukin-1 signaling enhances elimination of tyrosine kinase inhibitor-treated CML stem cells. <i>Blood</i> , 2016 , 128, 2671-2682	2.2	67
184	ATG7 regulates energy metabolism, differentiation and survival of Philadelphia-chromosome-positive cells. <i>Autophagy</i> , 2016 , 12, 936-48	10.2	65
183	Adult hematopoietic stem cells lacking Hif-1β self-renew normally. <i>Blood</i> , 2016 , 127, 2841-6	2.2	48
182	Cancer: Repositioned to kill stem cells. <i>Nature</i> , 2015 , 525, 328-9	50.4	4
181	Antibody-based detection of protein phosphorylation status to track the efficacy of novel therapies using nanogram protein quantities from stem cells and cell lines. <i>Nature Protocols</i> , 2015 , 10, 149-68	18.8	17
180	Do we need more drugs for chronic myeloid leukemia?. <i>Immunological Reviews</i> , 2015 , 263, 106-23	11.3	34
179	Hif-1α and Hif-2β synergize to suppress AML development but are dispensable for disease maintenance. <i>Journal of Experimental Medicine</i> , 2015 , 212, 2223-34	16.6	47
178	Assessment of Quality of Life in the NCRI Spirit 2 Study Comparing Imatinib with Dasatinib in Patients with Newly-Diagnosed Chronic Phase Chronic Myeloid Leukaemia. <i>Blood</i> , 2015 , 126, 4024-4024	2.2	7
177	Reliable Detection of Abl Tyrosine Kinase Domain Mutations to . <i>Blood</i> , 2015 , 126, 4021-4021	2.2	
176	BGB324 Inhibits BCR-ABL TKI-Resistant Chronic Myeloid Leukemia. <i>Blood</i> , 2015 , 126, 1569-1569	2.2	
175	Concise review: cancer cells escape from oncogene addiction: understanding the mechanisms behind treatment failure for more effective targeting. <i>Stem Cells</i> , 2014 , 32, 1373-9	5.8	22
174	The antiproliferative activity of kinase inhibitors in chronic myeloid leukemia cells is mediated by FOXO transcription factors. <i>Stem Cells</i> , 2014 , 32, 2324-37	5.8	71

173	Synergistic effects of proteasome inhibitor carfilzomib in combination with tyrosine kinase inhibitors in imatinib-sensitive and -resistant chronic myeloid leukemia models. <i>Oncogenesis</i> , 2014 , 3, e90	6.6	14
172	Models to Study Chronic Myeloid Leukemia Cancer Stem Cells 2014 , 119-131		1
171	Dipeptidylpeptidase IV (CD26) defines leukemic stem cells (LSC) in chronic myeloid leukemia. <i>Blood</i> , 2014 , 123, 3951-62	2.2	140
170	JAK2/STAT5 inhibition by nilotinib with ruxolitinib contributes to the elimination of CML CD34+ cells in vitro and in vivo. <i>Blood</i> , 2014 , 124, 1492-501	2.2	101
169	Dual glutathione-S-transferase- π and - μ gene deletions determine imatinib failure in chronic myeloid leukemia. <i>Clinical Pharmacology and Therapeutics</i> , 2014 , 96, 694-703	6.1	13
168	DPPIV (CD26) as a novel stem cell marker in Ph+ chronic myeloid leukaemia. <i>European Journal of Clinical Investigation</i> , 2014 , 44, 1239-45	4.6	39
167	Arachidonate 15-lipoxygenase is required for chronic myeloid leukemia stem cell survival. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3847-62	15.9	44
166	Cytomegalovirus Infection Is Associated with Expansions of CD8 T Cells and Highly Oligoclonal Vdelta1 Gamma/Delta T Cells in Patients Treated with Dasatinib for Chronic Myelogenous Leukaemia. <i>Blood</i> , 2014 , 124, 1814-1814	2.2	1
165	Spirit 2: An NCRI Randomised Study Comparing Dasatinib with Imatinib in Patients with Newly Diagnosed CML. <i>Blood</i> , 2014 , 124, 517-517	2.2	14
164	BGB324 Represents an Axl and BCR-ABL1 Inhibitor with Activity in the T315I Mutant. <i>Blood</i> , 2014 , 124, 4512-4512	2.2	1
163	Role of Enhanced Microenvironmental Interleukin-1 (IL-1) Expression and Increased IL-1 Responsiveness in Persistence of Leukemia Stem Cells in TKI Treated CML Patients. <i>Blood</i> , 2014 , 124, 4357-4357	2.2	
162	Effective and Selective Elimination of CML Stem Cells Using Novel Ethacrynic Acid Derivatives. <i>Blood</i> , 2014 , 124, 4508-4508	2.2	
161	Genomic instability may originate from imatinib-refractory chronic myeloid leukemia stem cells. <i>Blood</i> , 2013 , 121, 4175-83	2.2	84
160	Quantitative proteomics analysis of BMS-214662 effects on CD34 positive cells from chronic myeloid leukaemia patients. <i>Proteomics</i> , 2013 , 13, 153-68	4.8	5
159	Microenvironmental protection of CML stem and progenitor cells from tyrosine kinase inhibitors through N-cadherin and Wnt- β -catenin signaling. <i>Blood</i> , 2013 , 121, 1824-38	2.2	192
158	Targeting survival pathways in chronic myeloid leukaemia stem cells. <i>British Journal of Pharmacology</i> , 2013 , 169, 1693-707	8.6	56
157	A pathway from leukemogenic oncogenes and stem cell chemokines to RNA processing via THOC5. <i>Leukemia</i> , 2013 , 27, 932-40	10.7	20
156	Autophagy in blood cancers: biological role and therapeutic implications. <i>Haematologica</i> , 2013 , 98, 1335-48	6.8	42

155	Targeting primitive chronic myeloid leukemia cells by effective inhibition of a new AHI-1-BCR-ABL-JAK2 complex. <i>Journal of the National Cancer Institute</i> , 2013 , 105, 405-23	9.7	63
154	A specific PTPRC/CD45 phosphorylation event governed by stem cell chemokine CXCL12 regulates primitive hematopoietic cell motility. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 3319-29	7.6	12
153	Safety and efficacy of pulsed imatinib with or without G-CSF versus continuous imatinib in chronic phase chronic myeloid leukaemia patients at 5 years follow-up. <i>British Journal of Haematology</i> , 2013 , 163, 674-6	4.5	6
152	The hOCT1 SNPs M420del and M408V alter imatinib uptake and M420del modifies clinical outcome in imatinib-treated chronic myeloid leukemia. <i>Blood</i> , 2013 , 121, 628-37	2.2	56
151	Megakaryocytes assemble podosomes that degrade matrix and protrude through basement membrane. <i>Blood</i> , 2013 , 121, 2542-52	2.2	70
150	Hif-2 α s not essential for cell-autonomous hematopoietic stem cell maintenance. <i>Blood</i> , 2013 , 122, 1741-52	2.2	60
149	Autocrine TNF- α production supports CML stem and progenitor cell survival and enhances their proliferation. <i>Blood</i> , 2013 , 122, 3335-9	2.2	67
148	Redirecting traffic using the XPO1 police. <i>Blood</i> , 2013 , 122, 2926-8	2.2	11
147	Role of autophagy in cancer prevention, development and therapy. <i>Essays in Biochemistry</i> , 2013 , 55, 133-56	2.2	30
146	Autophagy in chronic myeloid leukaemia: stem cell survival and implication in therapy. <i>Current Cancer Drug Targets</i> , 2013 , 13, 724-34	2.8	26
145	PP2A-activating drugs selectively eradicate TKI-resistant chronic myeloid leukemic stem cells. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4144-57	15.9	170
144	Inhibition Of Microenvironmental Interleukin-1 Signaling Enhances TKI-Mediated Targeting Of Chronic Myelogenous Leukemia Stem Cells. <i>Blood</i> , 2013 , 122, 512-512	2.2	1
143	p53 and c-Myc Are Critical Signaling Hubs That Maintain Chronic Myeloid Leukemia. <i>Blood</i> , 2013 , 122, 1465-1465	2.2	
142	HIF-1 α s Not Essential For The Establishment Of MLL-Leukaemic Stem Cells. <i>Blood</i> , 2013 , 122, 3767-3767	2.2	
141	Axl Represents a Therapeutic Target In T315I-Mutated and WT Chronic Myeloid Leukemia. <i>Blood</i> , 2013 , 122, 1469-1469	2.2	
140	Misregulation Of The PRC2 Complex In CML Stem Cells Confers Sensitivity To An EZH2 Inhibitor. <i>Blood</i> , 2013 , 122, 2710-2710	2.2	
139	BCR-ABL1 tyrosine kinase sustained MECOM expression in chronic myeloid leukaemia. <i>British Journal of Haematology</i> , 2012 , 157, 446-56	4.5	7
138	Rac2-MRC-clII-generated ROS cause genomic instability in chronic myeloid leukemia stem cells and primitive progenitors. <i>Blood</i> , 2012 , 119, 4253-63	2.2	110

137	Effects of the novel aurora kinase/JAK inhibitor, AT9283 and imatinib on Philadelphia positive cells in vitro. <i>Blood Cells, Molecules, and Diseases</i> , 2012 , 48, 199-201	2.1	5
136	Mechanisms and novel approaches in overriding tyrosine kinase inhibitor resistance in chronic myeloid leukemia. <i>Expert Review of Anticancer Therapy</i> , 2012 , 12, 381-92	3.5	15
135	Episomal amplification of NUP214-ABL1 fusion gene in B-cell acute lymphoblastic leukemia. <i>Blood</i> , 2012 , 120, 4441-3	2.2	16
134	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	4.2	2783
133	Investigation into omacetaxine solution stability for in vitro study. <i>Biomedical Chromatography</i> , 2012 , 26, 545-7	1.7	2
132	Chronic myeloid leukemia stem cells are not dependent on Bcr-Abl kinase activity for their survival. <i>Blood</i> , 2012 , 119, 1501-10	2.2	301
131	Activation of p53 by SIRT1 inhibition enhances elimination of CML leukemia stem cells in combination with imatinib. <i>Cancer Cell</i> , 2012 , 21, 266-81	24.3	323
130	Altered microenvironmental regulation of leukemic and normal stem cells in chronic myelogenous leukemia. <i>Cancer Cell</i> , 2012 , 21, 577-92	24.3	257
129	Gfi-1 inhibits proliferation and colony formation of p210BCR/ABL-expressing cells via transcriptional repression of STAT 5 and Mcl-1. <i>Leukemia</i> , 2012 , 26, 1555-63	10.7	29
128	Expression of p89(c-Mybex9b), an alternatively spliced form of c-Myb, is required for proliferation and survival of p210BCR/ABL-expressing cells. <i>Blood Cancer Journal</i> , 2012 , 2, e71	7	11
127	Lineage tracing of Pf4-Cre marks hematopoietic stem cells and their progeny. <i>PLoS ONE</i> , 2012 , 7, e51361.7	3.7	50
126	Inhibition of Autophagy in Combination with Ponatinib or Dual PI3K/mTOR Inhibition to Improve Treatment Response for Both Bcr-Abl Dependent and Independent Mechanisms of TKI-Resistance in CML. <i>Blood</i> , 2012 , 120, 1664-1664	2.2	1
125	Microenvironmental Protection of CML Stem and Progenitor Cells From Tyrosine Kinase Inhibitors Through N-Cadherin and Wnt Signaling. <i>Blood</i> , 2012 , 120, 912-912	2.2	1
124	Metastasis Suppressor 1 Is Downregulated in CML Stem Cells and Overexpression Impairs Early Leukemic Cell Propagation.. <i>Blood</i> , 2012 , 120, 2776-2776	2.2	
123	Hurdles toward a cure for CML: the CML stem cell. <i>Hematology/Oncology Clinics of North America</i> , 2011 , 25, 951-66, v	3.1	17
122	The Ph-positive and Ph-negative myeloproliferative neoplasms: some topical pre-clinical and clinical issues. <i>Haematologica</i> , 2011 , 96, 590-601	6.6	17
121	Kill one bird with two stones: potential efficacy of BCR-ABL and autophagy inhibition in CML. <i>Blood</i> , 2011 , 118, 2035-43	2.2	93
120	Second-generation tyrosine kinase inhibitors improve the survival of patients with chronic myeloid leukemia in whom imatinib therapy has failed. <i>Haematologica</i> , 2011 , 96, 1779-82	6.6	17

119	Restricted access to second generation tyrosine kinase inhibitors in the UK could result in suboptimal treatment for almost half of chronic myeloid leukaemia patients: results from a West of Scotland and Lothian population study. <i>British Journal of Haematology</i> , 2011 , 155, 128-30	4.5	7
118	Loss or inhibition of stromal-derived PLGF prolongs survival of mice with imatinib-resistant Bcr-Abl1(+) leukemia. <i>Cancer Cell</i> , 2011 , 19, 740-53	24.3	115
117	In search of CML stem cells' deadly weakness. <i>Current Hematologic Malignancy Reports</i> , 2011 , 6, 82-7	4.4	19
116	Assembling defenses against therapy-resistant leukemic stem cells: Bcl6 joins the ranks. <i>Journal of Experimental Medicine</i> , 2011 , 208, 2155-8	16.6	22
115	Abcg2 overexpression represents a novel mechanism for acquired resistance to the multi-kinase inhibitor Danusertib in BCR-ABL-positive cells in vitro. <i>PLoS ONE</i> , 2011 , 6, e19164	3.7	35
114	Leukemia-Induced Alterations in Bone Marrow Cytokine and Chemokine Levels Contribute to Altered Stem Cell Lodgment and Impairment of Normal Stem Cell Growth in CML. <i>Blood</i> , 2011 , 118, 962-962	3.2	22
113	Targeting Rac2 - Mitochondrial Respiratory Chain Complex III Signaling to Prevent Genomic Instability in Leukemia Stem and Progenitor Cells. <i>Blood</i> , 2011 , 118, 2736-2736	2.2	
112	Pharmacological Inhibition of the Stress-Related Deacetylase SIRT1 Enhances Eradication of CML stem Cells. <i>Blood</i> , 2011 , 118, 448-448	2.2	
111	Analysis of imatinib in bone marrow and plasma samples of chronic myeloid leukaemia patients using solid phase extraction LC-ESI-MS. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2011 , 24, 285-91	0.4	2
110	A multinational study of health state preference values associated with chronic myelogenous leukemia. <i>Value in Health</i> , 2010 , 13, 103-11	3.3	28
109	Combined bezafibrate and medroxyprogesterone acetate have efficacy without haematological toxicity in elderly and relapsed acute myeloid leukaemia (AML). <i>British Journal of Haematology</i> , 2010 , 149, 65-9	4.5	23
108	Expression of the transcriptional repressor Gfi-1 is regulated by C/EBP{alpha} and is involved in its proliferation and colony formation-inhibitory effects in p210BCR/ABL-expressing cells. <i>Cancer Research</i> , 2010 , 70, 7949-59	10.1	25
107	Predictive response-relevant clustering of expression data provides insights into disease processes. <i>Nucleic Acids Research</i> , 2010 , 38, 6831-40	20.1	7
106	Bortezomib induces apoptosis in primitive chronic myeloid leukemia cells including LTC-IC and NOD/SCID repopulating cells. <i>Blood</i> , 2010 , 115, 2241-50	2.2	44
105	BCR-ABL enhances differentiation of long-term repopulating hematopoietic stem cells. <i>Blood</i> , 2010 , 115, 3185-95	2.2	75
104	Properties of CD34+ CML stem/progenitor cells that correlate with different clinical responses to imatinib mesylate. <i>Blood</i> , 2010 , 116, 2112-21	2.2	44
103	Early prediction of success or failure of treatment with second-generation tyrosine kinase inhibitors in patients with chronic myeloid leukemia. <i>Haematologica</i> , 2010 , 95, 224-31	6.6	93
102	Targeting chronic myeloid leukemia stem cells. <i>Current Hematologic Malignancy Reports</i> , 2010 , 5, 81-7	4.4	26

101	Uptake of synthetic Low Density Lipoprotein by leukemic stem cells--a potential stem cell targeted drug delivery strategy. <i>Journal of Controlled Release</i> , 2010 , 148, 380-7	11.7	25
100	Effective targeting of quiescent chronic myelogenous leukemia stem cells by histone deacetylase inhibitors in combination with imatinib mesylate. <i>Cancer Cell</i> , 2010 , 17, 427-42	24.3	219
99	Optimising chronic myeloid leukaemia therapy in the face of resistance to tyrosine kinase inhibitors--a synthesis of clinical and laboratory data. <i>Blood Reviews</i> , 2010 , 24, 1-9	11.1	12
98	Targeted therapy in haematological malignancies. <i>Journal of Pathology</i> , 2010 , 220, 404-18	9.4	26
97	Inhibition of Chronic Myeloid Leukemia Stem Cells by the Combination of the Hedgehog Pathway Inhibitor LDE225 with Nilotinib. <i>Blood</i> , 2010 , 116, 514-514	2.2	6
96	BCR-ABL1 Kinase Activity but Not Its Expression Is Dispensable for Ph+ Quiescent Stem Cell Survival Which Depends on the PP2A-Controlled Jak2 Activation and Is Sensitive to FTY720 Treatment. <i>Blood</i> , 2010 , 116, 515-515	2.2	5
95	Alterations In Wnt Signalling In the Megakaryocytic Lineage Leads to Bone Marrow Failure and Myelofibrosis. <i>Blood</i> , 2010 , 116, 628-628	2.2	
94	BMS-214662 Eliminates Quiescent and Proliferating Acute Myeloid Leukemia Cells through Activation of Protein Kinase C and Enhances the Efficacy of Cytosine Arabinoside. <i>Blood</i> , 2010 , 116, 2167-2167	2.2	
93	Combined Targeting of BCR-ABL and JAK2 with ABL and JAK2 Inhibitors Is Effective Against CML Patients' Leukemic Stem/Progenitor Cells.. <i>Blood</i> , 2010 , 116, 3404-3404	2.2	1
92	SIRT1 Inhibition Induces Apoptosis In Human CML Progenitors by Enhancing p53 Acetylation and Activation. <i>Blood</i> , 2010 , 116, 200-200	2.2	
91	Eradication of chronic myeloid leukemia stem cells: a novel mathematical model predicts no therapeutic benefit of adding G-CSF to imatinib. <i>PLoS Computational Biology</i> , 2009 , 5, e1000503	5	45
90	Targeting autophagy potentiates tyrosine kinase inhibitor-induced cell death in Philadelphia chromosome-positive cells, including primary CML stem cells. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1109-23	15.9	439
89	Combined BCR-ABL inhibition with lentiviral-delivered shRNA and dasatinib augments induction of apoptosis in Philadelphia-positive cells. <i>Experimental Hematology</i> , 2009 , 37, 206-14	3.1	2
88	Optimization of methods for the detection of BCR-ABL activity in Philadelphia-positive cells. <i>Experimental Hematology</i> , 2009 , 37, 395-401	3.1	9
87	Inhibition of MDR1 does not sensitize primitive chronic myeloid leukemia CD34+ cells to imatinib. <i>Experimental Hematology</i> , 2009 , 37, 692-700	3.1	29
86	The chronic myeloid leukemia stem cell. <i>Clinical Lymphoma and Myeloma</i> , 2009 , 9 Suppl 4, S376-81		19
85	BMS-214662 induces mitochondrial apoptosis in chronic myeloid leukemia (CML) stem/progenitor cells, including CD34+38- cells, through activation of protein kinase Cbeta. <i>Blood</i> , 2009 , 114, 4186-96	2.2	42
84	FOXO transcription factor activity is partially retained in quiescent CML stem cells and induced by tyrosine kinase inhibitors in CML progenitor cells. <i>Blood</i> , 2009 ,	2.2	5

83	Combination of the Hedgehog Pathway Inhibitor LDE225 and Nilotinib Eliminates Chronic Myeloid Leukemia Stem and Progenitor Cells.. <i>Blood</i> , 2009 , 114, 1428-1428	2.2	9
82	Resistance to Danusertib (formerly PHA-739358) in BCR-ABL-Positive Cells Is Mediated by Upregulation of the Drug Transporter Abcg2 and Can Be Suppressed in Vitro by Combination Treatment with Imatinib.. <i>Blood</i> , 2009 , 114, 1724-1724	2.2	1
81	Foxo Transcription Factor Activity Is Retained in Quiescent Chronic Myeloid Leukaemia Stem Cells and Activated by Tyrosine Kinase Inhibitors to Mediate Induced-quiescence In More Mature progenitors.. <i>Blood</i> , 2009 , 114, 187-187	2.2	2
80	Stem Cells in Leukemia and Other Hematological Malignancies 2009 , 111-136		
79	Effective Targeting of Quiescent CML Stem Cells by Histone Deacetylase Inhibitors in Combination with Imatinib Mesylate.. <i>Blood</i> , 2009 , 114, 190-190	2.2	
78	Placental Growth Factor: a Novel, Stromal-Derived Target in Human CML.. <i>Blood</i> , 2009 , 114, 42-42	2.2	
77	Effects of dasatinib on SRC kinase activity and downstream intracellular signaling in primitive chronic myelogenous leukemia hematopoietic cells. <i>Cancer Research</i> , 2008 , 68, 9624-33	10.1	77
76	Effective and selective inhibition of chronic myeloid leukemia primitive hematopoietic progenitors by the dual Src/Abl kinase inhibitor SKI-606. <i>Blood</i> , 2008 , 111, 2329-38	2.2	91
75	BMS-214662 potently induces apoptosis of chronic myeloid leukemia stem and progenitor cells and synergizes with tyrosine kinase inhibitors. <i>Blood</i> , 2008 , 111, 2843-53	2.2	108
74	Complete molecular responses are achieved after reduced intensity stem cell transplantation and donor lymphocyte infusion in chronic myeloid leukemia. <i>Blood</i> , 2008 , 111, 5252-5	2.2	15
73	Targeting Autophagy Potentiates Imatinib-Induced Cell Death in Philadelphia Positive Cells Including Primary CML Stem Cells.. <i>Blood</i> , 2008 , 112, 1070-1070	2.2	1
72	Nilotinib concentration in Cell Lines and CML CD34+ Cells Is Not Mediated by Active Uptake or Efflux by Major Drug Transporters. <i>Blood</i> , 2008 , 112, 3205-3205	2.2	3
71	Growth Factor Deprivation Combined with Prolonged Inhibition of BCR-ABL Does Not Eradicate Functional CML Stem Cells. <i>Blood</i> , 2008 , 112, 4222-4222	2.2	
70	Mtss1 Suppresses BCR-ABL Induced Cell Migration and Is Downregulated in CML Stem Cells.. <i>Blood</i> , 2008 , 112, 1077-1077	2.2	
69	Combination Therapy of Small Molecule Inhibitor PHA-739358 and Tyrosine Kinase Inhibitor Imatinib Yields Synergistic Antiproliferative Effects and Suppresses Emergence of Resistance of Chronic Myeloid Leukemia in Vitro. <i>Blood</i> , 2008 , 112, 3227-3227	2.2	
68	N-Cadherin-Mediated Microenvironmental Interactions Protect CML Stem Cells from Imatinib Mediated Apoptosis.. <i>Blood</i> , 2008 , 112, 1073-1073	2.2	
67	Stem cells in chronic myeloid leukaemia. <i>Cancer Biomarkers</i> , 2007 , 3, 183-91	3.8	3
66	High loading dose AmBisome is efficacious and well tolerated in the management of invasive fungal infection in hematology patients. <i>Haematologica</i> , 2007 , 92, 572-3	6.6	2

65	Therapeutic targets in chronic myeloid leukaemia. <i>Hematological Oncology</i> , 2007 , 25, 66-75	1.3	26
64	GATA1 mutational analysis in chronic myeloid leukaemia. <i>British Journal of Haematology</i> , 2007 , 137, 375-385	4.5	45
63	Concise review: Telomere biology in normal and leukemic hematopoietic stem cells. <i>Stem Cells</i> , 2007 , 25, 1853-61	5.8	47
62	Transcriptional analysis of quiescent and proliferating CD34+ human hemopoietic cells from normal and chronic myeloid leukemia sources. <i>Stem Cells</i> , 2007 , 25, 3111-20	5.8	69
61	The use of isobaric tag peptide labeling (iTRAQ) and mass spectrometry to examine rare, primitive hematopoietic cells from patients with chronic myeloid leukemia. <i>Molecular Biotechnology</i> , 2007 , 36, 81-9	3	31
60	HOXA5 is targeted by cell-type-specific CpG island methylation in normal cells and during the development of acute myeloid leukaemia. <i>Carcinogenesis</i> , 2007 , 28, 299-309	4.6	36
59	Inactivation of HOXA genes by hypermethylation in myeloid and lymphoid malignancy is frequent and associated with poor prognosis. <i>Clinical Cancer Research</i> , 2007 , 13, 5048-55	12.9	103
58	Hypusination of eukaryotic initiation factor 5A (eIF5A): a novel therapeutic target in BCR-ABL-positive leukemias identified by a proteomics approach. <i>Blood</i> , 2007 , 109, 1701-11	2.2	84
57	Response: Conventional Western blotting techniques will not reliably quantify p210 BCR-ABL. <i>Blood</i> , 2007 , 109, 1336-1336	2.2	11
56	Nilotinib exerts equipotent antiproliferative effects to imatinib and does not induce apoptosis in CD34+ CML cells. <i>Blood</i> , 2007 , 109, 4016-9	2.2	266
55	Effective Induction of Apoptosis in Chronic Myeloid Leukemia CD34+ Cells by the Histone Deacetylase Inhibitor LAQ824 in Combination with Imatinib.. <i>Blood</i> , 2007 , 110, 1031-1031	2.2	8
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53	Bortezomib Has Anti-Proliferative and Apoptotic Effects Against CML Stem Cells, Including the Quiescent Population.. <i>Blood</i> , 2007 , 110, 2943-2943	2.2	2
52	Normal Short-Term but Reduced Long-Term Engraftment Capacity of CML Hematopoietic Cells with Skewed Myeloid Lineage Differentiation Is Seen in an Improved Mouse Model of Human Hematopoiesis.. <i>Blood</i> , 2007 , 110, 3383-3383	2.2	1
51	Protection of CML Progenitors from Bcr-Abl Tyrosine Kinase Inhibitor Mediated Apoptosis by the Bone Marrow Stromal Microenvironment.. <i>Blood</i> , 2007 , 110, 3378-3378	2.2	
50	Reduced Intensity Stem Cell Transplantation and Donor Lymphocyte Infusion after Imatinib Induction To Eradicate Residual Disease in Chronic Myeloid Leukaemia.. <i>Blood</i> , 2007 , 110, 1097-1097	2.2	
49	Effect of Dasatinib on BCR-ABL and Src Mediated Growth Signaling in Primary CML Hematopoietic Progenitors.. <i>Blood</i> , 2007 , 110, 2944-2944	2.2	
48	HOX Genes - Candidate Tumor Suppressor Genes in Adult and Childhood Leukemia.. <i>Blood</i> , 2007 , 110, 2641-2641	2.2	

47	Reversible Transplantable Chronic Phase CML-Like Disease in SCLtTA/BCR-ABL Transgenic Mice.. <i>Blood</i> , 2007 , 110, 1002-1002	2.2	1
46	Intermittent exposure of primitive quiescent chronic myeloid leukemia cells to granulocyte-colony stimulating factor in vitro promotes their elimination by imatinib mesylate. <i>Clinical Cancer Research</i> , 2006 , 12, 626-33	12.9	81
45	A consensus on fungal polymerase chain reaction diagnosis?: a United Kingdom-Ireland evaluation of polymerase chain reaction methods for detection of systemic fungal infections. <i>Journal of Molecular Diagnostics</i> , 2006 , 8, 376-84	5.1	82
44	Functional ABCG2 is overexpressed on primary CML CD34+ cells and is inhibited by imatinib mesylate. <i>Blood</i> , 2006 , 108, 1370-3	2.2	140
43	Dasatinib (BMS-354825) targets an earlier progenitor population than imatinib in primary CML but does not eliminate the quiescent fraction. <i>Blood</i> , 2006 , 107, 4532-9	2.2	542
42	BMS-214662 Eliminates CML Stem Cells and Is Active Against Blast Crisis CML and Cells Expressing BCR-ABL Kinase Mutations.. <i>Blood</i> , 2006 , 108, 739-739	2.2	6
41	Nilotinib Inhibits Bcr-Abl Kinase Activity in CML Progenitor Cells More Effectively Than Imatinib but Is Equipotent in Inducing Growth Inhibition.. <i>Blood</i> , 2006 , 108, 744-744	2.2	1
40	Combination of Imatinib and Hypusination Inhibitors Represents a Novel Therapeutic Strategy in Bcr-Abl Positive Leukemias.. <i>Blood</i> , 2006 , 108, 1379-1379	2.2	
39	The Dual Src/Abl Kinase Inhibitor SKI-606 Effectively Inhibits Bcr-Abl Kinase Activity and Reduces Proliferation of CML Primitive Progenitor Cells.. <i>Blood</i> , 2006 , 108, 1370-1370	2.2	
38	Evolving molecular therapy for chronic myeloid leukaemia--are we on target?. <i>Hematology</i> , 2005 , 10, 349-59	2.2	34
37	Punish the parent not the progeny. <i>Blood</i> , 2005 , 105, 1862-6	2.2	131
36	Can we afford to let sleeping dogs lie?. <i>Blood</i> , 2005 , 105, 1840-1	2.2	24
35	Poor performance of galactomannan and mannan sandwich enzyme-linked immunosorbent assays in the diagnosis of invasive fungal infection. <i>British Journal of Haematology</i> , 2005 , 128, 578-9	4.5	13
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28	Published rather than proposed definitions for invasive fungal infection must be applied to allow standardization in clinical trials. <i>Clinical Infectious Diseases</i> , 2004 , 38, 1648-9	11.6	4
27	Telomere shortening correlates with prognostic score at diagnosis and proceeds rapidly during progression of chronic myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2004 , 45, 1775-81	1.9	38
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23	Gene Expression Profiling in Quiescent Stem Cells from Normal and Chronic Myeloid Leukaemia Patients.. <i>Blood</i> , 2004 , 104, 2962-2962	2.2	
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6	Isolation of a Highly Quiescent Subpopulation of Primitive Leukemic Cells in Chronic Myeloid Leukemia. <i>Blood</i> , 1999 , 94, 2056-2064	2.2	13
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