

Ravi Bhatia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/354272/publications.pdf>

Version: 2024-02-01

219
papers

8,959
citations

38742

50
h-index

43889

91
g-index

222
all docs

222
docs citations

222
times ranked

10633
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-328 Functions as an RNA Decoy to Modulate hnRNP E2 Regulation of mRNA Translation in Leukemic Blasts. <i>Cell</i> , 2010, 140, 652-665.	28.9	514
2	Persistence of malignant hematopoietic progenitors in chronic myelogenous leukemia patients in complete cytogenetic remission following imatinib mesylate treatment. <i>Blood</i> , 2003, 101, 4701-4707.	1.4	501
3	Activation of p53 by SIRT1 Inhibition Enhances Elimination of CML Leukemia Stem Cells in Combination with Imatinib. <i>Cancer Cell</i> , 2012, 21, 266-281.	16.8	374
4	Chronic myeloid leukemia stem cells are not dependent on Bcr-Abl kinase activity for their survival. <i>Blood</i> , 2012, 119, 1501-1510.	1.4	359
5	Altered Microenvironmental Regulation of Leukemic and Normal Stem Cells in Chronic Myelogenous Leukemia. <i>Cancer Cell</i> , 2012, 21, 577-592.	16.8	317
6	Solid Cancers After Bone Marrow Transplantation. <i>Journal of Clinical Oncology</i> , 2001, 19, 464-471.	1.6	300
7	Predictors of therapy-related leukemia and myelodysplasia following autologous transplantation for lymphoma: an assessment of risk factors. <i>Blood</i> , 2000, 95, 1588-1593.	1.4	270
8	Effective Targeting of Quiescent Chronic Myelogenous Leukemia Stem Cells by Histone Deacetylase Inhibitors in Combination with Imatinib Mesylate. <i>Cancer Cell</i> , 2010, 17, 427-442.	16.8	245
9	Imatinib mesylate (STI571) inhibits growth of primitive malignant progenitors in chronic myelogenous leukemia through reversal of abnormally increased proliferation. <i>Blood</i> , 2002, 99, 3792-3800.	1.4	240
10	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, 1824-1838.	1.4	234
11	Persistence of leukemia stem cells in chronic myelogenous leukemia patients in prolonged remission with imatinib treatment. <i>Blood</i> , 2011, 118, 5565-5572.	1.4	220
12	Genomic analyses identify recurrent MEF2D fusions in acute lymphoblastic leukaemia. <i>Nature Communications</i> , 2016, 7, 13331.	12.8	218
13	Detection of BCR-ABL kinase mutations in CD34+ cells from chronic myelogenous leukemia patients in complete cytogenetic remission on imatinib mesylate treatment. <i>Blood</i> , 2005, 105, 2093-2098.	1.4	197
14	PP2A-activating drugs selectively eradicate TKI-resistant chronic myeloid leukemic stem cells. <i>Journal of Clinical Investigation</i> , 2013, 123, 4144-4157.	8.2	192
15	SIRT1 Activation by a c-MYC Oncogenic Network Promotes the Maintenance and Drug Resistance of Human FLT3-ITD Acute Myeloid Leukemia Stem Cells. <i>Cell Stem Cell</i> , 2014, 15, 431-446.	11.1	187
16	Mapping Distinct Bone Marrow Niche Populations and Their Differentiation Paths. <i>Cell Reports</i> , 2019, 28, 302-311.e5.	6.4	167
17	Activation of stress response gene SIRT1 by BCR-ABL promotes leukemogenesis. <i>Blood</i> , 2012, 119, 1904-1914.	1.4	164
18	BCR/ABL kinase inhibition by imatinib mesylate enhances MAP kinase activity in chronic myelogenous leukemia CD34+ cells. <i>Blood</i> , 2004, 103, 3167-3174.	1.4	153

#	ARTICLE	IF	CITATIONS
19	Mesenchymal Niche-Specific Expression of Cxcl12 Controls Quiescence of Treatment-Resistant Leukemia Stem Cells. <i>Cell Stem Cell</i> , 2019, 24, 769-784.e6.	11.1	141
20	Late effects in survivors of chronic myeloid leukemia treated with hematopoietic cell transplantation: results from the Bone Marrow Transplant Survivor Study. <i>Blood</i> , 2004, 104, 1898-1906.	1.4	139
21	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, 1492-1501.	1.4	134
22	MicroRNA-486 regulates normal erythropoiesis and enhances growth and modulates drug response in CML progenitors. <i>Blood</i> , 2015, 125, 1302-1313.	1.4	133
23	Combined targeting of BCL-2 and BCR-ABL tyrosine kinase eradicates chronic myeloid leukemia stem cells. <i>Science Translational Medicine</i> , 2016, 8, 355ra117.	12.4	130
24	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.	30.7	123
25	Osteoblast ablation reduces normal long-term hematopoietic stem cell self-renewal but accelerates leukemia development. <i>Blood</i> , 2015, 125, 2678-2688.	1.4	111
26	Genomic instability may originate from imatinib-refractory chronic myeloid leukemia stem cells. <i>Blood</i> , 2013, 121, 4175-4183.	1.4	105
27	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, 2329-2338.	1.4	96
28	Antibodies targeting human IL1RAP (IL1R3) show therapeutic effects in xenograft models of acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10786-10791.	7.1	92
29	Inhibition of interleukin-1 signaling enhances elimination of tyrosine kinase inhibitor-treated CML stem cells. <i>Blood</i> , 2016, 128, 2671-2682.	1.4	89
30	Role of altered growth factor receptor-mediated JAK2 signaling in growth and maintenance of human acute myeloid leukemia stem cells. <i>Blood</i> , 2014, 123, 2826-2837.	1.4	87
31	Integrin-Mediated Regulation of Hematopoiesis: Do BCR/ABL-Induced Defects in Integrin Function Underlie the Abnormal Circulation and Proliferation of CML Progenitors?. <i>Acta Haematologica</i> , 1997, 97, 40-52.	1.4	83
32	Effects of Dasatinib on Src Kinase Activity and Downstream Intracellular Signaling in Primitive Chronic Myelogenous Leukemia Hematopoietic Cells. <i>Cancer Research</i> , 2008, 68, 9624-9633.	0.9	82
33	Autocrine TNF- α production supports CML stem and progenitor cell survival and enhances their proliferation. <i>Blood</i> , 2013, 122, 3335-3339.	1.4	81
34	Setbp1 promotes the self-renewal of murine myeloid progenitors via activation of Hoxa9 and Hoxa10. <i>Blood</i> , 2012, 119, 6099-6108.	1.4	79
35	Growth Factor Stimulation Reduces Residual Quiescent Chronic Myelogenous Leukemia Progenitors Remaining after Imatinib Treatment. <i>Cancer Research</i> , 2007, 67, 1113-1120.	0.9	78
36	HDAC8 Inhibition Specifically Targets Inv(16) Acute Myeloid Leukemic Stem Cells by Restoring p53 Acetylation. <i>Cell Stem Cell</i> , 2015, 17, 597-610.	11.1	75

#	ARTICLE	IF	CITATIONS
37	In Vitro Pre-Clinical Validation of Suicide Gene Modified Anti-CD33 Redirected Chimeric Antigen Receptor T-Cells for Acute Myeloid Leukemia. PLoS ONE, 2016, 11, e0166891.	2.5	72
38	Effect of Mutational Inactivation of Tyrosine Kinase Activity on BCR/ABL-Induced Abnormalities in Cell Growth and Adhesion in Human Hematopoietic Progenitors. Cancer Research, 2004, 64, 5322-5331.	0.9	71
39	Tumor-intrinsic and -extrinsic determinants of response to blinatumomab in adults with B-ALL. Blood, 2021, 137, 471-484.	1.4	70
40	SIRT1 Activation Disrupts Maintenance of Myelodysplastic Syndrome Stem and Progenitor Cells by Restoring TET2 Function. Cell Stem Cell, 2018, 23, 355-369.e9.	11.1	68
41	Simultaneous Targeting of PARP1 and RAD52 Triggers Dual Synthetic Lethality in BRCA-Deficient Tumor Cells. Cell Reports, 2018, 23, 3127-3136.	6.4	68
42	Inhibition of BCR-ABL Expression With Antisense Oligodeoxynucleotides Restores β 2 Integrin-Mediated Adhesion and Proliferation Inhibition in Chronic Myelogenous Leukemia Hematopoietic Progenitors. Blood, 1998, 91, 3414-3422.	1.4	66
43	Deregulated hedgehog pathway signaling is inhibited by the smoothed antagonist LDE225 (Sonidegib) in chronic phase chronic myeloid leukaemia. Scientific Reports, 2016, 6, 25476.	3.3	66
44	Gene expression and mutation-guided synthetic lethality eradicates proliferating and quiescent leukemia cells. Journal of Clinical Investigation, 2017, 127, 2392-2406.	8.2	64
45	A DHODH inhibitor increases p53 synthesis and enhances tumor cell killing by p53 degradation blockage. Nature Communications, 2018, 9, 1107.	12.8	63
46	BCR-Tyrosine 177 Plays an Essential Role in Ras and Akt Activation and in Human Hematopoietic Progenitor Transformation in Chronic Myelogenous Leukemia. Cancer Research, 2007, 67, 7045-7053.	0.9	59
47	Enhanced targeting of CML stem and progenitor cells by inhibition of porcupine acyltransferase in combination with TKI. Blood, 2017, 129, 1008-1020.	1.4	58
48	SIRT1 regulates metabolism and leukemogenic potential in CML stem cells. Journal of Clinical Investigation, 2019, 129, 2685-2701.	8.2	56
49	Preliminary Results from a Phase 1 First-in-Human Study of AMG 673, a Novel Half-Life Extended (HLE) Anti-CD33/CD3 BiTE [®] (Bispecific T-Cell Engager) in Patients with Relapsed/Refractory (R/R) Acute Myeloid Leukemia (AML). Blood, 2019, 134, 833-833.	1.4	55
50	Role of BCR/ABL gene-expression levels in determining the phenotype and imatinib sensitivity of transformed human hematopoietic cells. Blood, 2007, 109, 5411-5421.	1.4	54
51	Bortezomib induces apoptosis in primitive chronic myeloid leukemia cells including LTC-IC and NOD/SCID repopulating cells. Blood, 2010, 115, 2241-2250.	1.4	51
52	An integrative model of pathway convergence in genetically heterogeneous blast crisis chronic myeloid leukemia. Blood, 2020, 135, 2337-2353.	1.4	49
53	Autologous Transplantation Therapy for Chronic Myelogenous Leukemia. Blood, 1997, 89, 2623-2634.	1.4	48
54	BCR-ABL Gene Expression Is Required for Its Mutations in a Novel KCL-22 Cell Culture Model for Acquired Resistance of Chronic Myelogenous Leukemia. Journal of Biological Chemistry, 2010, 285, 5085-5096.	3.4	47

#	ARTICLE	IF	CITATIONS
55	A critical role for SHP2 in STAT5 activation and growth factor-mediated proliferation, survival, and differentiation of human CD34+ cells. <i>Blood</i> , 2011, 118, 1504-1515.	1.4	46
56	Longitudinal Assessment of Hematopoietic Abnormalities After Autologous Hematopoietic Cell Transplantation for Lymphoma. <i>Journal of Clinical Oncology</i> , 2005, 23, 6699-6711.	1.6	45
57	Cytopenias in the Early Post-Autologous Hematopoietic Cell Transplantation (aHCT) Period Predict for Subsequent Development of Therapy-Related Myelodysplasia/ Acute Myeloid Leukemia (t-MDS/AML) Among Patients with Lymphoma. <i>Blood</i> , 2014, 124, 2507-2507.	1.4	45
58	Heterogeneity of leukemia-initiating capacity of chronic myelogenous leukemia stem cells. <i>Journal of Clinical Investigation</i> , 2016, 126, 975-991.	8.2	44
59	The Effect of Interferon- γ on Beta-1 Integrin Mediated Adhesion and Growth Regulation in Chronic Myelogenous Leukemia. <i>Leukemia and Lymphoma</i> , 1998, 28, 241-254.	1.3	42
60	Chronic myelogenous leukemia stem and progenitor cells demonstrate chromosomal instability related to repeated breakage-fusion-bridge cycles mediated by increased nonhomologous end joining. <i>Blood</i> , 2012, 119, 6187-6197.	1.4	42
61	Role of SIRT1 in the growth and regulation of normal hematopoietic and leukemia stem cells. <i>Current Opinion in Hematology</i> , 2015, 22, 324-329.	2.5	42
62	Iron chelators induce autophagic cell death in multiple myeloma cells. <i>Leukemia Research</i> , 2014, 38, 988-996.	0.8	40
63	hsa-mir183/EGR1-mediated regulation of E2F1 is required for CML stem/progenitor cell survival. <i>Blood</i> , 2018, 131, 1532-1544.	1.4	40
64	Influence of Bone Marrow Microenvironment on Leukemic Stem Cells. <i>Advances in Cancer Research</i> , 2015, 127, 227-252.	5.0	37
65	Trends in Late Mortality and Life Expectancy After Allogeneic Blood or Marrow Transplantation Over 4 Decades. <i>JAMA Oncology</i> , 2021, 7, 1626.	7.1	33
66	ATRA-Induced Cellular Differentiation and CD38 Expression Inhibits Acquisition of BCR-ABL Mutations for CML Acquired Resistance. <i>PLoS Genetics</i> , 2014, 10, e1004414.	3.5	31
67	Enhanced Targeting of FLT3-ITD+AML Stem Cells through Combined Inhibition of SIRT1 and Autophagic Flux. <i>Blood</i> , 2016, 128, 31-31.	1.4	31
68	Roles of SIRT1 in leukemogenesis. <i>Current Opinion in Hematology</i> , 2013, 20, 308-313.	2.5	28
69	CXCR4 Signaling Has a CXCL12-Independent Essential Role in Murine MLL-AF9-Driven Acute Myeloid Leukemia. <i>Cell Reports</i> , 2020, 31, 107684.	6.4	28
70	Novel approaches to therapy in CML. <i>Hematology American Society of Hematology Education Program</i> , 2017, 2017, 115-120.	2.5	27
71	Assessment of Late Mortality Risk After Allogeneic Blood or Marrow Transplantation Performed in Childhood. <i>JAMA Oncology</i> , 2018, 4, e182453.	7.1	27
72	Overcoming CML acquired resistance by specific inhibition of Aurora A kinase in the KCL-22 cell model. <i>Carcinogenesis</i> , 2012, 33, 285-293.	2.8	23

#	ARTICLE	IF	CITATIONS
73	Contact with fibronectin enhances preservation of normal but not chronic myelogenous leukemia primitive hematopoietic progenitors. <i>Experimental Hematology</i> , 2002, 30, 324-332.	0.4	22
74	Preservation of Quiescent Chronic Myelogenous Leukemia Stem Cells by the Bone Marrow Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1100, 97-110.	1.6	20
75	The controversial role of Sirtuins in tumorigenesis – SIRT7 joins the debate. <i>Cell Research</i> , 2013, 23, 10-12.	12.0	19
76	Metabolic alterations mediated by STAT3 promotes drug persistence in CML. <i>Leukemia</i> , 2021, 35, 3371-3382.	7.2	19
77	Methylation of dual-specificity phosphatase 4 controls cell differentiation. <i>Cell Reports</i> , 2021, 36, 109421.	6.4	17
78	Inhibition of BCR-ABL Expression With Antisense Oligodeoxynucleotides Restores β 2 Integrin-Mediated Adhesion and Proliferation Inhibition in Chronic Myelogenous Leukemia Hematopoietic Progenitors. <i>Blood</i> , 1998, 91, 3414-3422.	1.4	17
79	TNF- α -induced alterations in stromal progenitors enhance leukemic stem cell growth via CXCR2 signaling. <i>Cell Reports</i> , 2021, 36, 109386.	6.4	15
80	Combination of the Hedgehog Pathway Inhibitor LDE225 and Nilotinib Eliminates Chronic Myeloid Leukemia Stem and Progenitor Cells. <i>Blood</i> , 2009, 114, 1428-1428.	1.4	15
81	Characterization of Novel Subtypes in B Progenitor Acute Lymphoblastic Leukemia. <i>Blood</i> , 2018, 132, 565-565.	1.4	14
82	Abnormal growth factor modulation of β 2-integrin-mediated adhesion in chronic myelogenous leukaemia haematopoietic progenitors. <i>British Journal of Haematology</i> , 2001, 115, 845-853.	2.5	13
83	Gadd45a deficiency accelerates BCR-ABL driven chronic myelogenous leukemia. <i>Oncotarget</i> , 2017, 8, 10809-10821.	1.8	13
84	Effect of Growth Factor Stimulation on Imatinib-Mediated Proliferation Inhibition and Apoptosis of CML CD34+ Cells. <i>Blood</i> , 2004, 104, 2967-2967.	1.4	13
85	CXCL12 Knock-out Enhances Leukemia Stem Cell Response to Combination Chemotherapy Plus Tyrosine Kinase Inhibition in Flt3-ITD Acute Myeloid Leukemia. <i>Blood</i> , 2020, 136, 7-8.	1.4	13
86	Transcription factor MEF2D is required for the maintenance of MLL-rearranged acute myeloid leukemia. <i>Blood Advances</i> , 2021, 5, 4727-4740.	5.2	12
87	Autologous hematopoietic cell transplantation for chronic myelogenous leukemia. <i>Hematology/Oncology Clinics of North America</i> , 2004, 18, 715-732.	2.2	11
88	Trends in Late Mortality and Life Expectancy After Autologous Blood or Marrow Transplantation Over Three Decades: A BMTSS Report. <i>Journal of Clinical Oncology</i> , 2022, 40, 1991-2003.	1.6	11
89	Late mortality after autologous blood or marrow transplantation in childhood: a Blood or Marrow Transplant Survivor Study-2 report. <i>Blood</i> , 2018, 131, 2720-2729.	1.4	10
90	Medicare and patient spending among beneficiaries diagnosed with chronic myelogenous leukemia. <i>Cancer</i> , 2019, 125, 2570-2578.	4.1	10

#	ARTICLE	IF	CITATIONS
91	Activation of PP2A by FTY720 Inhibits Survival and Self-Renewal of the Ph(+) Chronic Myelogenous Leukemia (CML) CD34+/CD38 ⁺ Stem Cell through the Simultaneous Suppression of BCR/ABL and BCR/ABL ⁻ independent Signals. <i>Blood</i> , 2008, 112, 189-189.	1.4	10
92	A high-content cytokine screen identifies myostatin propeptide as a positive regulator of primitive chronic myeloid leukemia cells. <i>Haematologica</i> , 2020, 105, 2095-2104.	3.5	9
93	Expenditures for First- and Second-Generation Tyrosine Kinase Inhibitors Before and After Transition of Imatinib to Generic Status. <i>JAMA Oncology</i> , 2020, 6, 542.	7.1	8
94	Exploitation of dihydroorotate dehydrogenase (DHODH) and p53 activation as therapeutic targets: A case study in polypharmacology. <i>Journal of Biological Chemistry</i> , 2020, 295, 17935-17949.	3.4	8
95	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.	1.4	8
96	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.	1.4	8
97	Inhibition of HDAC8 Reactivates p53 and Abrogates Leukemia Stem Cell Activity in CBF $\hat{1}$ ² -SMMHC Associated Acute Myeloid Leukemia. <i>Blood</i> , 2014, 124, 363-363.	1.4	8
98	Impact of chromosomal rearrangement upon DNA methylation patterns in leukemia. <i>Open Medicine (Poland)</i> , 2017, 12, 76-85.	1.3	7
99	MJ05, a Novel p53 Activating Compound, Effectively and Selectively Eliminates Human CML Stem/Progenitor Cells. <i>Blood</i> , 2013, 122, 1464-1464.	1.4	7
100	Tumor lysis syndrome and infectious complications during treatment with venetoclax combined with azacitidine or decitabine in patients with acute myeloid leukemia. <i>Leukemia Research</i> , 2022, 117, 106844.	0.8	7
101	Burden of Long-Term Morbidity Borne by Survivors of Acute Myeloid Leukemia Treated With Blood or Marrow Transplantation: The Results of the BMT Survivor Study. <i>Journal of Clinical Oncology</i> , 0, .	1.6	7
102	Overcoming imatinib resistance. <i>Blood</i> , 2004, 103, 4-5.	1.4	6
103	Collaborative cardiovascular management of patients with chronic myeloid leukemia on tyrosine kinase inhibitors. <i>Vascular Medicine</i> , 2020, 25, 246-254.	1.5	6
104	Expression of DLK/PREF1 Results in Inhibition of Human Myeloid Cell Differentiation and Proliferation through Distinct Molecular Mechanisms.. <i>Blood</i> , 2004, 104, 202-202.	1.4	6
105	BCR/ABL Tyrosine 177 Complexes with Grb2, Gab2 and Shp2, and Plays a Critical Role in Akt Activation and Altered p27 Signaling in BCR/ABL Transformed Human CD34+ Cells.. <i>Blood</i> , 2005, 106, 1988-1988.	1.4	6
106	TARGETING LEUKEMIA STEM CELL RESISTANCE IN CHRONIC MYELOGENOUS LEUKEMIA. <i>Transactions of the American Clinical and Climatological Association</i> , 2019, 130, 246-254.	0.5	6
107	Gene Expression Changes in CD34+ Cells Precede Development of Therapy-Related Leukemia (t-MDS/AML) After Autologous Hematopoietic Cell Transplantation (aHCT) for Hodgkin (HL) or Non-Hodgkin Lymphoma (NHL).. <i>Blood</i> , 2009, 114, 677-677.	1.4	5
108	Cooperative Targeting of Bcl-2 Family Proteins By ABT-199 (GDC-0199) and Tyrosine Kinase Inhibitors to Eradicate Blast Crisis CML and CML Stem/Progenitor Cells. <i>Blood</i> , 2014, 124, 512-512.	1.4	5

#	ARTICLE	IF	CITATIONS
109	Role of CXCL12-Expressing Bone Marrow Populations in Leukemic Stem Cell Regulation. <i>Blood</i> , 2016, 128, 26-26.	1.4	5
110	Assessment of Hospitalizations and Emergency Department Visits After Chimeric Antigen Receptor T-Cell Therapy Among Commercially Insured Patients. <i>JAMA Oncology</i> , 2022, 8, 1068.	7.1	5
111	Impact of high-dose steroid premedication on the outcome of myeloablative T-cell replete haploidentical peripheral blood stem cell transplant. <i>Bone Marrow Transplantation</i> , 2018, 53, 1345-1348.	2.4	4
112	Autophagic flux blockage by accumulation of weakly basic tenovins leads to elimination of B-Raf mutant tumour cells that survive vemurafenib. <i>PLoS ONE</i> , 2018, 13, e0195956.	2.5	4
113	Impact of access to care on 1-year mortality following allogeneic blood or marrow transplantation. <i>Bone Marrow Transplantation</i> , 2021, 56, 1364-1372.	2.4	4
114	Role of Enhanced Autophagy in Resistance of FLT3-ITD AML Stem Cells to FLT3 TKI Treatment. <i>Blood</i> , 2018, 132, 1358-1358.	1.4	4
115	Persistence of Leukemia Stem Cells in Chronic Myelogenous Leukemia Patients in Complete Cytogenetic Remission on Imatinib Treatment for 5 Years. <i>Blood</i> , 2008, 112, 194-194.	1.4	4
116	A Phase I Study of the HDAC Inhibitor LBH589 in Combination with Imatinib for Patients with CML in Cytogenetic Remission with Residual Disease Detectable by Q-PCR.. <i>Blood</i> , 2009, 114, 2194-2194.	1.4	4
117	Inhibition of CML Stem Cell Growth By Targeting WNT Signaling Using a Porcupine Inhibitor. <i>Blood</i> , 2014, 124, 3130-3130.	1.4	4
118	<i>Hoxa9</i> and <i>Hoxa10</i> induce CML myeloid blast crisis development through activation of <i>Myb</i> expression. <i>Oncotarget</i> , 2017, 8, 98853-98864.	1.8	4
119	Jak2 Regulates Bcr-Abl In CD34+ Cells From Imatinib Mesylate-Resistant CML Patients.. <i>Blood</i> , 2010, 116, 1220-1220.	1.4	4
120	Late mortality after bone marrow transplant for chronic myelogenous leukemia in the context of prior tyrosine kinase inhibitor exposure: A Blood or Marrow Transplant Survivor Study (BMTSS) report. <i>Cancer</i> , 2019, 125, 4033-4042.	4.1	3
121	Secondary Malignancies After Hematopoietic Cell Transplantation. , 0, , 962-977.		3
122	Genomic Determinants of Response to Blinatumomab in Relapsed/Refractory (R/R) B-Cell Precursor Acute Lymphoblastic Leukemia in Adults. <i>Blood</i> , 2018, 132, 1552-1552.	1.4	3
123	An Epigenetic Screen Identifies PRMT5 As a Target for Inhibition of FLT3-ITD AML Cell Growth in Combination with Tyrosine Kinase Inhibitors. <i>Blood</i> , 2019, 134, 2524-2524.	1.4	3
124	Enhanced Phosphorylation and Altered Localization Lead to Impairment of p27kip Activity in CML Progenitor Cells Despite Enhanced Protein Translation and Expression.. <i>Blood</i> , 2007, 110, 999-999.	1.4	3
125	FTY720 but Not Its Immunosuppressive Phosphorylated Form FTY720-P Exerts Anti-Leukemic Activity towards Ph(+) and Ph(âˆ™) Myeloproliferative Disorders through Reactivation of the PP2A Tumor Suppressor.. <i>Blood</i> , 2009, 114, 3259-3259.	1.4	3
126	The Genomic and Epigenomic Landscapes of Blast Crisis Transformation in Chronic Myeloid Leukemia. <i>Blood</i> , 2015, 126, 3737-3737.	1.4	3

#	ARTICLE	IF	CITATIONS
127	Inhibition of CML Stem Cell Renewal By the Porcupine Inhibitor WNT974. <i>Blood</i> , 2015, 126, 54-54.	1.4	3
128	Clonal Hematopoiesis Associated with Adverse Outcomes Following Autologous Stem Cell Transplantation for Non-Hodgkin Lymphoma. <i>Blood</i> , 2016, 128, 986-986.	1.4	3
129	Peripheral blood parameter abnormalities precede therapy-related myeloid neoplasms after autologous transplantation for lymphoma. <i>Cancer</i> , 2022, 128, 1392-1401.	4.1	3
130	Combined BCR-ABL inhibition with lentiviral-delivered shRNA and dasatinib augments induction of apoptosis in Philadelphia-positive cells. <i>Experimental Hematology</i> , 2009, 37, 206-214.	0.4	2
131	Granulocytes Affect Double-Strand Break Repair Assays in Primary Human Lymphocytes. <i>PLoS ONE</i> , 2014, 9, e93185.	2.5	2
132	Late mortality after allogeneic blood or marrow transplantation in childhood for leukemia: a report from the Blood or Marrow Transplant Survivor Study-2. <i>Leukemia</i> , 2018, 32, 2706-2709.	7.2	2
133	SIRT1 Mediates Enhanced Mitochondrial Oxidative Phosphorylation in Chronic Myelogenous Leukemia Stem Cells. <i>Blood</i> , 2018, 132, 932-932.	1.4	2
134	Enhanced Engraftment and Maintenance of CXCR4 Expressing CD34+ Cells In Vivo Is Related to Microenvironmental Interactions, Rather Than Direct Receptor Signaling to Hematopoietic Stem Cells.. <i>Blood</i> , 2005, 106, 2306-2306.	1.4	2
135	The Impact of Incorporating Targeted Radioimmunotherapy (RIT) into Transplant Preparative Regimens on the Incidence of Therapy Related Myelodysplasia (t-MDS) or AML (t-AML) Following Autologous Stem Cell Transplant (ASCT) for Lymphoma.. <i>Blood</i> , 2007, 110, 1082-1082.	1.4	2
136	Improved Outcome After Reduced Intensity Allogeneic Hematopoietic Stem Cell Transplantation (RI-HCT) for Myelodysplastic Syndrome (MDS) Using Tacrolimus/Sirolimus-Based Gvhd Prophylaxis.. <i>Blood</i> , 2009, 114, 2771-2771.	1.4	2
137	Do Changes in Transplant Practice Influence Risk of Therapy-Related Myelodysplasia/ Acute Myeloid Leukemia after Autologous Hematopoietic Cell Transplantation (aHCT) for Non-Hodgkin Lymphoma (NHL)?. <i>Blood</i> , 2014, 124, 430-430.	1.4	2
138	Autologous hematopoietic stem cell transplantation in lymphoma patients is associated with a decrease in the double strand break repair capacity of peripheral blood lymphocytes. <i>PLoS ONE</i> , 2017, 12, e0171473.	2.5	2
139	Progressive Decline in Late Mortality after Hematopoietic Cell Transplantation (HCT) over 40 Years - a Report from BMTSS. <i>Blood</i> , 2016, 128, 691-691.	1.4	2
140	Safe and Effective Use of Imatinib to Treat Philadelphia Chromosome Positive Acute Lymphoblastic Leukemia During Pregnancy. <i>Journal of Adolescent and Young Adult Oncology</i> , 2022, , .	1.3	2
141	Escaping inhibition by self-mutation. <i>Blood</i> , 2006, 108, 7-7.	1.4	1
142	Health Care and out-of-Pocket (OOP) Costs Among Medicare Beneficiaries Diagnosed with Chronic Myeloid Leukemia (CML). <i>Blood</i> , 2018, 132, 4730-4730.	1.4	1
143	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.	1.4	1
144	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.	1.4	1

#	ARTICLE	IF	CITATIONS
145	Altered Hematopoietic Cell Gene Expression Identifies Patients at Risk for Development of Therapy-Related Leukemia (t-MDS/AML). <i>Blood</i> , 2010, 116, 234-234.	1.4	1
146	MicroRNA-486-5p Targets Foxo1 and Regulates Human Hematopoietic Stem Cell Proliferation and Erythroid Differentiation. <i>Blood</i> , 2010, 116, 3871-3871.	1.4	1
147	Leukemia-Derived Exosomes Reorganize Bone Marrow Microenvironment In AML. <i>Blood</i> , 2013, 122, 2455-2455.	1.4	1
148	Inhibition Of Microenvironmental Interleukin-1 Signaling Enhances TKI-Mediated Targeting Of Chronic Myelogenous Leukemia Stem Cells. <i>Blood</i> , 2013, 122, 512-512.	1.4	1
149	Feasibility and Efficacy of Mobilization of BCR/ABL- PBSC in CML Patients Receiving Imatinib.. <i>Blood</i> , 2004, 104, 2858-2858.	1.4	1
150	Characterization of Leukemia-Initiating Cells in a Transgenic Model of Chronic Phase Chronic Myelogenous Leukemia (CML).. <i>Blood</i> , 2009, 114, 858-858.	1.4	1
151	Loss of Stress Sensor GADD45a Accelerates BCR-ABL-Driven Leukemogenesis. <i>Blood</i> , 2011, 118, 1668-1668.	1.4	1
152	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.	1.4	1
153	Increased p53 Acetylation By SIRT1 Inhibition Is Required for Optimal Activation of p53 Activity and Significantly Enhances the Ability of HDM2 Inhibitors to Target CML LSC. <i>Blood</i> , 2014, 124, 4521-4521.	1.4	1
154	Standard Processing of Apheresis Products for HSCT Provides Significant Cost Savings over Automated Processing without Impact on Time or Product Quality. <i>Blood</i> , 2018, 132, 5693-5693.	1.4	1
155	TNF- α -Induced Bone Marrow Stromal Progenitor Alterations Enhance Leukemic Stem Cell Growth and Treatment Resistance Via Increased CXCL1-CXCR2 Signaling. <i>Blood</i> , 2018, 132, 875-875.	1.4	1
156	Role of Autophagy in Resistance of FLT3-ITD AML Stem Cells to FLT3 TKI Treatment. <i>Blood</i> , 2019, 134, 2548-2548.	1.4	1
157	Hypomethylating agent/venetoclax versus intensive chemotherapy in adults with relapsed or refractory acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2022, , .	2.5	1
158	A phase 1 study of NTX-301, an oral DNMT1 inhibitor, in patients with MDS and AML (trial in progress).. <i>Journal of Clinical Oncology</i> , 2022, 40, TPS7077-TPS7077.	1.6	1
159	Growth factor stimulation enhances integrin-mediated migration but not adhesion of cml progenitors. <i>Experimental Hematology</i> , 2000, 28, 56.	0.4	0
160	Leukemia cells make ruthless competitors. <i>Blood</i> , 2014, 124, 2900-2901.	1.4	0
161	Pre-Stimulation of CML CD34+ Cells with High Concentrations of Growth Factors Counters Imatinib-Mediated Proliferation Suppression and Enhances Apoptosis of Non-Dividing Cells.. <i>Blood</i> , 2005, 106, 2479-2479.	1.4	0
162	Effects of Elevated BCR/ABL Expression Level on Cellular Transformation and Sensitivity to Imatinib in Primitive Human Hematopoietic Cells.. <i>Blood</i> , 2005, 106, 1998-1998.	1.4	0

#	ARTICLE	IF	CITATIONS
163	The MDS-Associated Gene DLK Modulates Gene Expression in Human Myeloid Cells by Altering the Activity of Multiple Transcription Factors.. Blood, 2005, 106, 3428-3428.	1.4	0
164	Rapid Telomere Loss in Hematopoietic Cells Associated with Development of t-MDS after Autologous Transplantation for Lymphoma.. Blood, 2006, 108, 2644-2644.	1.4	0
165	Altered Gene Expression in CD34+ Cells from PBSC Grafts from Patients Developing t-MDS Following Autologous Transplantation for Lymphoma.. Blood, 2006, 108, 2326-2326.	1.4	0
166	Role of BCR/ABL Gene Expression Levels in Determining the Phenotype and Imatinib Sensitivity of Transformed Human Hematopoietic Cells.. Blood, 2006, 108, 2122-2122.	1.4	0
167	A Novel Assay for Development of Chromosomal Lesions in Human CD34+ Cells Following Exposure to Ionizing Radiation Reveals Increased Susceptibility To Acquire Unstable Chromosomal Lesions in CML CD34+ Cells.. Blood, 2007, 110, 997-997.	1.4	0
168	Protection of CML Progenitors from Bcr-Abl Tyrosine Kinase Inhibitor Mediated Apoptosis by the Bone Marrow Stromal Microenvironment.. Blood, 2007, 110, 3378-3378.	1.4	0
169	Small Molecules Targeting Rad51 Recombinase Synergize with Imatinib and Overcome Imatinib-Resistance in CML.. Blood, 2007, 110, 466-466.	1.4	0
170	Effect of Dasatinib on BCR-ABL and Src Mediated Growth Signaling in Primary CML Hematopoietic Progenitors.. Blood, 2007, 110, 2944-2944.	1.4	0
171	Safety and Efficacy of Nilotinib Dose Escalation 600mg BID in Patients (pts) with Imatinib-Resistant or -Intolerant Chronic Myeloid Leukemia (CML) in Chronic Phase (CP).. Blood, 2007, 110, 1038-1038.	1.4	0
172	Effect of Inhibition of Grb2 Expression on BCR-ABL Mediated Transformation of Primary Human Hematopoietic Cells.. Blood, 2007, 110, 1020-1020.	1.4	0
173	Growth of p210Bcr-Abl Transformed Human Hematopoietic Stem Cells in Immunodeficient Mice.. Blood, 2008, 112, 1072-1072.	1.4	0
174	Longitudinal Trends in Peripheral Blood Parameters Predict Development of Therapy-Related Myelodysplasia/Acute Myeloid Leukemia (t-MDS/AML) after Autologous Transplantation for Lymphoma.. Blood, 2008, 112, 2133-2133.	1.4	0
175	Effective Targeting of Quiescent CML Stem Cells by Histone Deacetylase Inhibitors in Combination with Imatinib Mesylate.. Blood, 2009, 114, 190-190.	1.4	0
176	Mechanisms of Susceptibility to 11q23 MLL Gene Locus Rearrangements in CD34+ Cells Exposed to Etoposide.. Blood, 2009, 114, 185-185.	1.4	0
177	Suppression of RISC-Independent Decoy and RISC-Mediated mRNA Base-Pairing Activities of MicroRNA-328 Is Required for Differentiation-Arrest and Enhanced Survival of Blast Crisis CML Progenitors.. Blood, 2009, 114, 855-855.	1.4	0
178	Role of the SIRT1 Deacetylase in Survival and Imatinib Resistance of CML CD34+ Progenitors.. Blood, 2009, 114, 189-189.	1.4	0
179	Genetic Susceptibility to Therapy-Related Leukemia (t-MDS/AML) After Hodgkin Lymphoma (HL) or Non-Hodgkin Lymphoma (NHL).. Blood, 2009, 114, 199-199.	1.4	0
180	Altered Niche Interactions of Leukemia Stem Cells In a Chronic Phase Chronic Myelogenous Leukemia (CML) Transgenic Mouse Model.. Blood, 2010, 116, 1212-1212.	1.4	0

#	ARTICLE	IF	CITATIONS
181	An RNA Interference Screen Reveals a Critical Role for Mcl-1 In Survival of CML Progenitor Cells.. Blood, 2010, 116, 1203-1203.	1.4	0
182	Dose Dependent Effect of Deferasirox on Hematopoietic Progenitors of Myelodysplastic Syndrome. Blood, 2010, 116, 3994-3994.	1.4	0
183	SFK Inhibition with Dasatinib Results In Selective Targeting of Primitive Human Acute Myeloid Leukemia Stem and Progenitor Cells.. Blood, 2010, 116, 1053-1053.	1.4	0
184	SIRT1 Inhibition Induces Apoptosis In Human CML Progenitors by Enhancing p53 Acetylation and Activation. Blood, 2010, 116, 200-200.	1.4	0
185	CML-CP Mouse Model of Genomic Instability.. Blood, 2010, 116, 1210-1210.	1.4	0
186	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. Blood, 2011, 118, 962-962.	1.4	0
187	Genetic Susceptibility to Therapy-Related Leukemia â€“ Role of Expression Quantitative Trait Loci (eQTL). Blood, 2011, 118, 2438-2438.	1.4	0
188	Nrf2 Deficiency Leads to Altered Hematopoietic Stem Cell Function and Increased Sensitivity to Alkylating Agent Induced Myeloid Dysplasia,. Blood, 2011, 118, 3828-3828.	1.4	0
189	RNAi-Mediated Inhibition of Mcl-1 Expression Enhances Apoptosis in Imatinib-Treated CML Progenitors. Blood, 2011, 118, 1669-1669.	1.4	0
190	Role of MicroRNA-486-5p Overexpression In CML CD34+ Cells In Modulating BCR-ABL Mediated Hematopoietic Stem/Progenitor Cell Transformation and Imatinib Sensitivity. Blood, 2011, 118, 1667-1667.	1.4	0
191	Pharmacological Inhibition of the Stress-Related Deacetylase SIRT1 Enhances Eradication of CML stem Cells. Blood, 2011, 118, 448-448.	1.4	0
192	Selective Targeting of CML Progenitor/Stem Cells by the Class 1 Histone Deacetylase (HDAC) Inhibitor MS275 in Combination with Imatinib.. Blood, 2012, 120, 2791-2791.	1.4	0
193	Genomic Instability in CML-CP originates From the Most Primitive Imatinib-Refractory Leukemia Stem Cells. Blood, 2012, 120, 909-909.	1.4	0
194	Heterogeneity Of Leukemic Stem Cell Capacity Of BCR-ABL+ Long-Term Hematopoietic Stem cells In CML Is Associated With Variability In MPL Expression. Blood, 2013, 122, 516-516.	1.4	0
195	Increased Risk Of Brain Tumors Among First-Degree Relatives Of Patients With Therapy-Related Myelodysplasia and Acute Myeloid Leukemia (t-MDS/AML). Blood, 2013, 122, 5228-5228.	1.4	0
196	Bone Marrow Osteoblast Ablation Enhances Short-Term Hematopoietic Stem Cells Without Altering Long-Term Hematopoietic Stem Cell Populations and Accelerates Leukemia Development. Blood, 2013, 122, 586-586.	1.4	0
197	Development Of t-MDS In Patients Undergoing Autologous Transplantation For Lymphoma Is Not Associated With Increased Frequency Of Mitochondrial DNA Mutations. Blood, 2013, 122, 1535-1535.	1.4	0
198	GADD45a Is a Tumor Suppressor In BCR-ABL-Driven Leukemogenesis. Blood, 2013, 122, 1467-1467.	1.4	0

#	ARTICLE	IF	CITATIONS
199	The Role of Ribosomal Protein Deficiency in T-MDS Pathogenesis. Blood, 2014, 124, 3242-3242.	1.4	0
200	Acute Myeloid Leukemia-Derived Exosomes Transform Bone Marrow Niche into Leukemic Niche.. Blood, 2014, 124, 352-352.	1.4	0
201	Contribution of Leukemia-Induced Alterations in Mesenchymal Cell Subpopulations to Altered Regulation of Leukemic and Normal Stem Cells in the CML BM Microenvironment. Blood, 2014, 124, 4509-4509.	1.4	0
202	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. Blood, 2014, 124, 4357-4357.	1.4	0
203	Effective and Selective Elimination of CML Stem Cells Using Novel Ethacrynic Acid Derivatives. Blood, 2014, 124, 4508-4508.	1.4	0
204	GADD45a Is a Tumor Suppressor in BCR-ABL-Driven Leukemogenesis. Blood, 2014, 124, 4530-4530.	1.4	0
205	Long-Term Morbidity and Mortality Experienced By Chronic Myeloid Leukemia (CML) Patients after Allogeneic Hematopoietic Cell Transplantation (HCT) - a Report from BMTSS-2. Blood, 2016, 128, 823-823.	1.4	0
206	BCL11B Is a Key Regulator of T-Lineage Differentiation during the Initial Stages of Human Thymopoiesis. Blood, 2016, 128, 2657-2657.	1.4	0
207	Leukemia-Induced Dysregulation of Bone Marrow Skeletal Stem Cells (SSC) Subpopulations and Their Hematopoietic Supportive Function. Blood, 2016, 128, 935-935.	1.4	0
208	Inhibition of CML Development Following Conditional SIRT1 Deletion in Transgenic BCR-ABL Mice. Blood, 2016, 128, 931-931.	1.4	0
209	Association of Gene Expression Patterns in Bone Marrow Cells with Likelihood of Treatment Free Remission after TKI Discontinuation. Blood, 2018, 132, 1721-1721.	1.4	0
210	CXCR4 Has a CXCL12-Independent Essential Role in MLL-AF9 Driven Acute Myeloid Leukemia. Blood, 2018, 132, 774-774.	1.4	0
211	Pricing of First and Second Generation Tyrosine Kinase Inhibitors (TKIs) Pre- and Post-Transition of Imatinib to Generic Status. Blood, 2019, 134, 2140-2140.	1.4	0
212	Hypomethylating Agent/Venetoclax Versus Intensive Chemotherapy in Relapsed or Refractory Acute Myeloid Leukemia. Blood, 2021, 138, 2322-2322.	1.4	0
213	Subsequent Malignant Neoplasms of the Gastrointestinal Tract after Blood or Marrow Transplantation - a BMTSS Report. Blood, 2021, 138, 3923-3923.	1.4	0
214	Trends in Late Mortality and Life Expectancy after Autologous Blood or Marrow Transplantation (BMT) Performed over Three Decades - a BMT Survivor Study (BMTSS) Report. Blood, 2021, 138, 484-484.	1.4	0
215	Risk Factors and Outcomes of ICU Admission Following Allogeneic Hematopoietic Stem Cell Transplantation. Blood, 2021, 138, 1784-1784.	1.4	0
216	Essential Roles of Transcription Factor MEF2D in the Maintenance of MLL-Rearranged Acute Myeloid Leukemia. Blood, 2021, 138, 2218-2218.	1.4	0

#	ARTICLE	IF	CITATIONS
217	Fattening up FLT3-ITD for the kill. Blood, 2021, 138, 2158-2159.	1.4	0
218	Secondary Malignancies after Hematopoietic Cell Transplantation. , 0, , 1638-1652.		0
219	Survival outcomes of patients with relapsed or refractory acute myeloid leukemia after venetoclax combined with hypomethylating agents.. Journal of Clinical Oncology, 2022, 40, e18808-e18808.	1.6	0