

# Carlo Gambacorti-Passerini

## List of Publications by Year in descending order

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242  
papers

18,881  
citations

20759

60  
h-index

12910

131  
g-index

245  
all docs

245  
docs citations

245  
times ranked

18188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hematologic and Cytogenetic Responses to Imatinib Mesylate in Chronic Myelogenous Leukemia. <i>New England Journal of Medicine</i> , 2002, 346, 645-652.	13.9	1,899
2	Clinical and biological implications of driver mutations in myelodysplastic syndromes. <i>Blood</i> , 2013, 122, 3616-3627.	0.6	1,562
3	Imatinib induces durable hematologic and cytogenetic responses in patients with accelerated phase chronic myeloid leukemia: results of a phase 2 study. <i>Blood</i> , 2002, 99, 1928-1937.	0.6	943
4	Induction of resistance to the Abelson inhibitor STI571 in human leukemic cells through gene amplification. <i>Blood</i> , 2000, 95, 1758-1766.	0.6	454
5	Selective cytotoxicity of betulinic acid on tumor cell lines, but not on normal cells. <i>Cancer Letters</i> , 2002, 175, 17-25.	3.2	441
6	Clinical characteristics and risk factors associated with COVID-19 severity in patients with haematological malignancies in Italy: a retrospective, multicentre, cohort study. <i>Lancet Haematology</i> , 2020, 7, e737-e745.	2.2	430
7	Safety and efficacy of bosutinib (SKI-606) in chronic phase Philadelphia chromosome-positive chronic myeloid leukemia patients with resistance or intolerance to imatinib. <i>Blood</i> , 2011, 118, 4567-4576.	0.6	406
8	Bosutinib Versus Imatinib in Newly Diagnosed Chronic-Phase Chronic Myeloid Leukemia: Results From the BELA Trial. <i>Journal of Clinical Oncology</i> , 2012, 30, 3486-3492.	0.8	404
9	Ponatinib efficacy and safety in Philadelphia chromosome-positive leukemia: final 5-year results of the phase 2 PACE trial. <i>Blood</i> , 2018, 132, 393-404.	0.6	392
10	Activity of Bosutinib, Dasatinib, and Nilotinib Against 18 Imatinib-Resistant BCR/ABL Mutants. <i>Journal of Clinical Oncology</i> , 2009, 27, 469-471.	0.8	365
11	Multicenter Independent Assessment of Outcomes in Chronic Myeloid Leukemia Patients Treated With Imatinib. <i>Journal of the National Cancer Institute</i> , 2011, 103, 553-561.	3.0	362
12	Recurrent SETBP1 mutations in atypical chronic myeloid leukemia. <i>Nature Genetics</i> , 2013, 45, 18-24.	9.4	359
13	Bosutinib Versus Imatinib for Newly Diagnosed Chronic Myeloid Leukemia: Results From the Randomized BFORE Trial. <i>Journal of Clinical Oncology</i> , 2018, 36, 231-237.	0.8	356
14	In vitro and In vivo Activity of SKI-606, a Novel Src-Abl Inhibitor, against Imatinib-Resistant Bcr-Abl+ Neoplastic Cells. <i>Cancer Research</i> , 2006, 66, 11314-11322.	0.4	352
15	Molecular mechanisms of resistance to imatinib in Philadelphia-chromosome-positive leukaemias. <i>Lancet Oncology</i> , 2003, 4, 75-85.	5.1	349
16	In Vivo Eradication of Human BCR/ABL-Positive Leukemia Cells With an ABL Kinase Inhibitor. <i>Journal of the National Cancer Institute</i> , 1999, 91, 163-168.	3.0	341
17	FTY720, a new alternative for treating blast crisis chronic myelogenous leukemia and Philadelphia chromosome-positive acute lymphocytic leukemia. <i>Journal of Clinical Investigation</i> , 2007, 117, 2408-2421.	3.9	308
18	BCR-ABL suppresses C/EBP $\beta$ expression through inhibitory action of hnRNP E2. <i>Nature Genetics</i> , 2002, 30, 48-58.	9.4	301

#	ARTICLE	IF	CITATIONS
19	Bosutinib is active in chronic phase chronic myeloid leukemia after imatinib and dasatinib and/or nilotinib therapy failure. <i>Blood</i> , 2012, 119, 3403-3412.	0.6	281
20	Inhibition of the ABL Kinase Activity Blocks the Proliferation of BCR/ABL+Leukemic Cells and Induces Apoptosis. <i>Blood Cells, Molecules, and Diseases</i> , 1997, 23, 380-394.	0.6	273
21	Crizotinib in Anaplastic Large-Cell Lymphoma. <i>New England Journal of Medicine</i> , 2011, 364, 775-776.	13.9	256
22	Dasatinib and low-intensity chemotherapy in elderly patients with Philadelphia chromosome <sup>+</sup> positive ALL. <i>Blood</i> , 2016, 128, 774-782.	0.6	243
23	Crizotinib in Advanced, Chemoresistant Anaplastic Lymphoma Kinase <sup>+</sup> Positive Lymphoma Patients. <i>Journal of the National Cancer Institute</i> , 2014, 106, djt378.	3.0	207
24	Bcr-Abl stabilizes $\beta$ -catenin in chronic myeloid leukemia through its tyrosine phosphorylation. <i>EMBO Journal</i> , 2007, 26, 1456-1466.	3.5	204
25	Favorable long-term follow-up results over 6 years for response, survival, and safety with imatinib mesylate therapy in chronic-phase chronic myeloid leukemia after failure of interferon- $\alpha$ treatment. <i>Blood</i> , 2008, 111, 1039-1043.	0.6	195
26	Age and d<sc>PCR</sc> can predict relapse in <sc>CML</sc> patients who discontinued imatinib: The <sc>ISAV</sc> study. <i>American Journal of Hematology</i> , 2015, 90, 910-914.	2.0	181
27	BRAF Silencing by Short Hairpin RNA or Chemical Blockade by PLX4032 Leads to Different Responses in Melanoma and Thyroid Carcinoma Cells. <i>Molecular Cancer Research</i> , 2008, 6, 751-759.	1.5	178
28	Bosutinib <i>versus</i> imatinib in newly diagnosed chronic <sup>+</sup> phase chronic myeloid leukaemia: results from the 24 <sup>+</sup> month follow <sup>+</sup> up of the BELA trial. <i>British Journal of Haematology</i> , 2015, 168, 69-81.	1.2	177
29	Alpha1 acid glycoprotein binds to imatinib (STI571) and substantially alters its pharmacokinetics in chronic myeloid leukemia patients. <i>Clinical Cancer Research</i> , 2003, 9, 625-32.	3.2	159
30	Mutation-Independent Anaplastic Lymphoma Kinase Overexpression in Poor Prognosis Neuroblastoma Patients. <i>Cancer Research</i> , 2009, 69, 7338-7346.	0.4	157
31	Bosutinib safety and management of toxicity in leukemia patients with resistance or intolerance to imatinib and other tyrosine kinase inhibitors. <i>Blood</i> , 2014, 123, 1309-1318.	0.6	124
32	The prognosis for patients with chronic myeloid leukemia who have clonal cytogenetic abnormalities in philadelphia chromosome <sup>-</sup> negative cells. <i>Cancer</i> , 2007, 110, 1509-1519.	2.0	121
33	SKI-606 Decreases Growth and Motility of Colorectal Cancer Cells by Preventing pp60(c-Src) <sup>+</sup> Dependent Tyrosine Phosphorylation of $\beta$ -Catenin and Its Nuclear Signaling. <i>Cancer Research</i> , 2006, 66, 2279-2286.	0.4	117
34	hnRNP A1 Nucleocytoplasmic Shuttling Activity Is Required for Normal Myelopoiesis and BCR/ABL Leukemogenesis. <i>Molecular and Cellular Biology</i> , 2002, 22, 2255-2266.	1.1	115
35	Recurrent ETNK1 mutations in atypical chronic myeloid leukemia. <i>Blood</i> , 2015, 125, 499-503.	0.6	115
36	Epigenetic silencing of BIM in glucocorticoid poor-responsive pediatric acute lymphoblastic leukemia, and its reversal by histone deacetylase inhibition. <i>Blood</i> , 2010, 116, 3013-3022.	0.6	110

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37	Bosutinib efficacy and safety in chronic phase chronic myeloid leukemia after imatinib resistance or intolerance: Minimum 24-month follow-up. American Journal of Hematology, 2014, 89, 732-742.	2.0	102
38	Validation of PDGFR <sup>Î²</sup> and c-Src tyrosine kinases as tumor/vessel targets in patients with multiple myeloma: preclinical efficacy of the novel, orally available inhibitor dasatinib. Blood, 2008, 112, 1346-1356.	0.6	99
39	Safety of bosutinib versus imatinib in the phase 3 BELA trial in newly diagnosed chronic phase chronic myeloid leukemia. American Journal of Hematology, 2014, 89, 947-953.	2.0	98
40	Laying the foundation for genomically-based risk assessment in chronic myeloid leukemia. Leukemia, 2019, 33, 1835-1850.	3.3	97
41	Three novel patient-derived BCR/ABL mutants show different sensitivity to second and third generation tyrosine kinase inhibitors. American Journal of Hematology, 2012, 87, E125-8.	2.0	93
42	Chronic myeloid leukemia: reminiscences and dreams. Haematologica, 2016, 101, 541-558.	1.7	92
43	Sorafenib Functions to Potently Suppress RET Tyrosine Kinase Activity by Direct Enzymatic Inhibition and Promoting RET Lysosomal Degradation Independent of Proteasomal Targeting. Journal of Biological Chemistry, 2007, 282, 29230-29240.	1.6	90
44	Long-term bosutinib for chronic phase chronic myeloid leukemia after failure of imatinib plus dasatinib and/or nilotinib. American Journal of Hematology, 2016, 91, 1206-1214.	2.0	90
45	ALK as a novel lymphoma-associated tumor antigen: identification of 2 HLA-A2.1-restricted CD8+ T-cell epitopes. Blood, 2002, 99, 2100-2106.	0.6	89
46	Gynaecomastia in men with chronic myeloid leukaemia after imatinib. Lancet, The, 2003, 361, 1954-1956.	6.3	88
47	Ponatinib is a potent inhibitor of wild-type and drug-resistant gatekeeper mutant RET kinase. Molecular and Cellular Endocrinology, 2013, 377, 1-6.	1.6	81
48	Crizotinib-Resistant NPM-ALK Mutants Confer Differential Sensitivity to Unrelated Alk Inhibitors. Molecular Cancer Research, 2013, 11, 122-132.	1.5	79
49	Long-term evaluation of cardiac and vascular toxicity in patients with Philadelphia chromosome-positive leukemias treated with bosutinib. American Journal of Hematology, 2016, 91, 606-616.	2.0	76
50	Long-term effects of crizotinib in ALK-positive tumors (excluding NSCLC): A phase 1b open-label study. American Journal of Hematology, 2018, 93, 607-614.	2.0	75
51	Imatinib discontinuation in chronic myeloid leukaemia patients with undetectable BCR-ABL transcript level: A systematic review and a meta-analysis. European Journal of Cancer, 2017, 77, 48-56.	1.3	74
52	Tumor Resistance against ALK Targeted Therapy-Where It Comes From and Where It Goes. Cancers, 2018, 10, 62.	1.7	73
53	Activity of second-generation ALK inhibitors against crizotinib-resistant mutants in an NPM-ALK model compared to EML4-ALK. Cancer Medicine, 2015, 4, 953-965.	1.3	72
54	Long-term efficacy and safety of bosutinib in patients with advanced leukemia following resistance/intolerance to imatinib and other tyrosine kinase inhibitors. American Journal of Hematology, 2015, 90, 755-768.	2.0	72

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55	Lorlatinib Treatment Elicits Multiple On- and Off-Target Mechanisms of Resistance in ALK-Driven Cancer. <i>Cancer Research</i> , 2018, 78, 6866-6880.	0.4	69
56	Inhibition of RET tyrosine kinase by SU5416. <i>Journal of Molecular Endocrinology</i> , 2006, 37, 199-212.	1.1	68
57	Abrupt Relapse of <i>ALK</i> -Positive Lymphoma after Discontinuation of Crizotinib. <i>New England Journal of Medicine</i> , 2016, 374, 95-96.	13.9	67
58	Panniculitis during Dasatinib Therapy for Imatinib-Resistant Chronic Myelogenous Leukemia. <i>New England Journal of Medicine</i> , 2006, 354, 2623-2624.	13.9	66
59	SETBP1 induces transcription of a network of development genes by acting as an epigenetic hub. <i>Nature Communications</i> , 2018, 9, 2192.	5.8	66
60	Synthesis, structure-activity relationship and crystallographic studies of 3-substituted indolin-2-one RET inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1482-1496.	1.4	64
61	Bosutinib: A review of preclinical studies in chronic myelogenous leukaemia. <i>European Journal of Cancer</i> , 2010, 46, 1781-1789.	1.3	62
62	Characterization of Some Molecular Mechanisms Governing Autoactivation of the Catalytic Domain of the Anaplastic Lymphoma Kinase. <i>Journal of Biological Chemistry</i> , 2008, 283, 3743-3750.	1.6	61
63	Constitutive activation of Jak2 contributes to proliferation and resistance to apoptosis in NPM/ALK-transformed cells. <i>Experimental Hematology</i> , 2003, 31, 309-315.	0.2	59
64	Observational study of chronic myeloid leukemia Italian patients who discontinued tyrosine kinase inhibitors in clinical practice. <i>Haematologica</i> , 2019, 104, 1589-1596.	1.7	58
65	Adoptive immunotherapy of advanced melanoma patients with interleukin-2 (IL-2) and tumor-infiltrating lymphocytes selected in vitro with low doses of IL-2. <i>Cancer Immunology, Immunotherapy</i> , 1993, 36, 315-322.	2.0	57
66	Adherence and future discontinuation of tyrosine kinase inhibitors in chronic phase chronic myeloid leukemia. A patient-based survey on 1133 patients. <i>Leukemia Research</i> , 2015, 39, 1055-1059.	0.4	57
67	Wiskott-Aldrich syndrome protein (WASP) is a tumor suppressor in T cell lymphoma. <i>Nature Medicine</i> , 2019, 25, 130-140.	15.2	57
68	COVID-19 elicits an impaired antibody response against SARS-CoV-2 in patients with haematological malignancies. <i>British Journal of Haematology</i> , 2021, 195, 371-377.	1.2	56
69	c-MYC Generates Repair Errors via Increased Transcription of Alternative-NHEJ Factors, LIG3 and PARP1, in Tyrosine Kinase-Activated Leukemias. <i>Molecular Cancer Research</i> , 2015, 13, 699-712.	1.5	55
70	In reply to 'Cardiotoxicity of the cancer therapeutic agent imatinib mesylate'. <i>Nature Medicine</i> , 2007, 13, 13-14.	15.2	54
71	Unique Substrate Specificity of Anaplastic Lymphoma Kinase (ALK): Development of Phosphoacceptor Peptides for the Assay of ALK Activity. <i>Biochemistry</i> , 2005, 44, 8533-8542.	1.2	53
72	BCR-ABL nuclear entrapment kills human CML cells: ex vivo study on 35 patients with the combination of imatinib mesylate and leptomyacin B. <i>Blood</i> , 2006, 107, 1591-1598.	0.6	53

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73	Determination of Î±-1 Acid Glycoprotein in Patients with Ph+ Chronic Myeloid Leukemia during the First 13 Weeks of Therapy with STI571. <i>Blood Cells, Molecules, and Diseases</i> , 2002, 28, 75-85.	0.6	52
74	Treatment Efficacy and Resistance Mechanisms Using the Second-Generation ALK Inhibitor AP26113 in Human NPM-ALK <sup>+</sup> Positive Anaplastic Large Cell Lymphoma. <i>Molecular Cancer Research</i> , 2015, 13, 775-783.	1.5	52
75	Management of adverse events associated with bosutinib treatment of chronic-phase chronic myeloid leukemia: expert panel review. <i>Journal of Hematology and Oncology</i> , 2018, 11, 143.	6.9	52
76	In Vitro Transcriptional and Translational Block of the bcl-2 Gene Operated by Peptide Nucleic Acid. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 537-543.	1.0	51
77	Part I: Milestones in personalised medicine <sup>2</sup> imatinib. <i>Lancet Oncology</i> , The, 2008, 9, 600.	5.1	51
78	Killer immunoglobulin-like receptors can predict TKI treatment-free remission in chronic myeloid leukemia patients. <i>Experimental Hematology</i> , 2015, 43, 1015-1018.e1.	0.2	51
79	Increased sFLT <sup>1</sup> /PlGF ratio in COVID-19: A novel link to angiotensin II-mediated endothelial dysfunction. <i>American Journal of Hematology</i> , 2020, 95, E188-E191.	2.0	51
80	Focal Adhesion Kinase (FAK) Binds RET Kinase via Its FERM Domain, Priming a Direct and Reciprocal RET-FAK Transactivation Mechanism. <i>Journal of Biological Chemistry</i> , 2011, 286, 17292-17302.	1.6	50
81	Safety and efficacy of second-line bosutinib for chronic phase chronic myeloid leukemia over a five-year period: final results of a phase I/II study. <i>Haematologica</i> , 2018, 103, 1298-1307.	1.7	49
82	Inhibitors of the RET tyrosine kinase based on a 2-(alkylsulfanyl)-4-(3-thienyl)nicotinonitrile scaffold. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2919-2927.	2.6	47
83	Bosutinib for pretreated patients with chronic phase chronic myeloid leukemia: primary results of the phase 4 BYOND study. <i>Leukemia</i> , 2020, 34, 2125-2137.	3.3	47
84	Identification of novel posttranscriptional targets of the BCR/ABL oncoprotein by ribonomics: requirement of E2F3 for BCR/ABL leukemogenesis. <i>Blood</i> , 2008, 111, 816-828.	0.6	44
85	Epigenetic Silencing of the Proapoptotic Gene BIM in Anaplastic Large Cell Lymphoma through an MeCP2/SIN3a Deacetylating Complex. <i>Neoplasia</i> , 2013, 15, 511-IN17.	2.3	44
86	Bosutinib versus imatinib for newly diagnosed chronic phase chronic myeloid leukemia: final results from the BFORE trial. <i>Leukemia</i> , 2022, 36, 1825-1833.	3.3	43
87	Phenotypic and functional analysis of lymphocytes infiltrating paediatric tumours, with a characterization of the tumour phenotype. <i>Cancer Immunology, Immunotherapy</i> , 1992, 34, 241-251.	2.0	42
88	Effects of Bosutinib Treatment on Renal Function in Patients With Philadelphia Chromosome-Positive Leukemias. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2017, 17, 684-695.e6.	0.2	42
89	Factors influencing long-term efficacy and tolerability of bosutinib in chronic phase chronic myeloid leukaemia resistant or intolerant to imatinib. <i>British Journal of Haematology</i> , 2016, 172, 97-110.	1.2	41
90	Gene expression signature of non-involved lung tissue associated with survival in lung adenocarcinoma patients. <i>Carcinogenesis</i> , 2013, 34, 2767-2773.	1.3	40

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91	Whole Exome Sequencing reveals NOTCH1 mutations in anaplastic large cell lymphoma and points to Notch both as a key pathway and a potential therapeutic target. <i>Haematologica</i> , 2021, 106, 1693-1704.	1.7	40
92	Are Chronic Myeloid Leukemia Patients More at Risk for Second Malignancies? A Population-based Study. <i>American Journal of Epidemiology</i> , 2010, 172, 1028-1033.	1.6	39
93	Synergistic Effects of Combined Wnt/KRAS Inhibition in Colorectal Cancer Cells. <i>PLoS ONE</i> , 2012, 7, e51449.	1.1	39
94	BCR and BCR-ABL regulation during myeloid differentiation in healthy donors and in chronic phase/blast crisis CML patients. <i>Leukemia</i> , 2010, 24, 1445-1449.	3.3	37
95	Sphingosine kinase 1 overexpression is regulated by signaling through PI3K, AKT2, and mTOR in imatinib-resistant chronic myeloid leukemia cells. <i>Experimental Hematology</i> , 2011, 39, 653-665.e6.	0.2	37
96	Excess of NPM-ALK oncogenic signaling promotes cellular apoptosis and drug dependency. <i>Oncogene</i> , 2016, 35, 3854-3865.	2.6	37
97	Locking Src/Abl Tyrosine Kinase Activities Regulate Cell Differentiation and Invasion of Human Cervical Cancer Cells Expressing E6/E7 Oncoproteins of High-Risk HPV. <i>Journal of Oncology</i> , 2010, 2010, 1-10.	0.6	36
98	First-line treatment selection and early monitoring patterns in chronic phase chronic myeloid leukemia in routine clinical practice: SIMPLICITY. <i>American Journal of Hematology</i> , 2017, 92, 1214-1223.	2.0	36
99	BCR/ABL1 and BCR are under the transcriptional control of the MYC oncogene. <i>Molecular Cancer</i> , 2015, 14, 132.	7.9	35
100	Binding of imatinib by Î±1-acid glycoprotein. <i>Blood</i> , 2002, 100, 367-369.	0.6	34
101	NPM/ALK binds and phosphorylates the RNA/DNA-binding protein PSF in anaplastic large-cell lymphoma. <i>Blood</i> , 2007, 110, 2600-2609.	0.6	34
102	Structural Insights into the ATP Binding Pocket of the Anaplastic Lymphoma Kinase by Site-Directed Mutagenesis, Inhibitor Binding Analysis, and Homology Modeling. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5759-5768.	2.9	33
103	Imatinib-loaded polyelectrolyte microcapsules for sustained targeting of BCR-ABL leukemia stem cells. <i>Nanomedicine</i> , 2010, 5, 419-431.	1.7	33
104	Chronic myeloid leukemia: Second-line drugs of choice. <i>American Journal of Hematology</i> , 2016, 91, 67-75.	2.0	33
105	Alterations in creatine kinase, phosphate and lipid values in patients with chronic myeloid leukemia during treatment with imatinib. <i>Haematologica</i> , 2008, 93, 317-318.	1.7	32
106	Tyrosine kinase inhibitor interruptions, discontinuations and switching in patients with chronic phase chronic myeloid leukemia in routine clinical practice: SIMPLICITY. <i>American Journal of Hematology</i> , 2019, 94, 46-54.	2.0	32
107	Reversal of microRNA-150 silencing disadvantages crizotinib-resistant NPM-ALK(+) cell growth. <i>Journal of Clinical Investigation</i> , 2015, 125, 3505-3518.	3.9	32
108	OncoScore: a novel, Internet-based tool to assess the oncogenic potential of genes. <i>Scientific Reports</i> , 2017, 7, 46290.	1.6	31

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109	Bcl-XL down-regulation suppresses the tumorigenic potential of NPM/ALK in vitro and in vivo. <i>Blood</i> , 2004, 103, 2787-2794.	0.6	30
110	Expression, purification, and inhibition of human RET tyrosine kinase. <i>Protein Expression and Purification</i> , 2005, 41, 177-185.	0.6	30
111	Valproic acid enhances bosutinib cytotoxicity in colon cancer cells. <i>International Journal of Cancer</i> , 2009, 124, 1990-1996.	2.3	29
112	FusionAnalyser: a new graphical, event-driven tool for fusion rearrangements discovery. <i>Nucleic Acids Research</i> , 2012, 40, e123-e123.	6.5	29
113	STAT3 and TP53 mutations associate with poor prognosis in anaplastic large cell lymphoma. <i>Leukemia</i> , 2021, 35, 1500-1505.	3.3	29
114	NPM/ALK mutants resistant to ASP3026 display variable sensitivity to alternative ALK inhibitors but succumb to the novel compound PF-06463922. <i>Oncotarget</i> , 2015, 6, 5720-5734.	0.8	29
115	A prognostic model for patients with lymphoma and COVID-19: a multicentre cohort study. <i>Blood Advances</i> , 2022, 6, 327-338.	2.5	28
116	Systemic administration of autologous, alloactivated helper-enriched lymphocytes to patients with metastatic melanoma of the lung. <i>Cancer Immunology, Immunotherapy</i> , 1986, 21, 148-55.	2.0	27
117	Oncogenic Fusion Tyrosine Kinases as Molecular Targets for Anti-Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2007, 7, 594-611.	0.9	27
118	Bosutinib (BOS) Versus Imatinib for Newly Diagnosed Chronic Phase (CP) Chronic Myeloid Leukemia (CML): Final 5-Year Results from the Bfore Trial. <i>Blood</i> , 2020, 136, 41-42.	0.6	27
119	The role of bosutinib in the treatment of chronic myeloid leukemia. <i>Future Oncology</i> , 2020, 16, 4395-4408.	1.1	26
120	VERSO: A comprehensive framework for the inference of robust phylogenies and the quantification of intra-host genomic diversity of viral samples. <i>Patterns</i> , 2021, 2, 100212.	3.1	26
121	ERG Deregulation Induces PIM1 Over-Expression and Aneuploidy in Prostate Epithelial Cells. <i>PLoS ONE</i> , 2011, 6, e28162.	1.1	25
122	Synergistic activity of ALK and mTOR inhibitors for the treatment of NPM-ALK positive lymphoma. <i>Oncotarget</i> , 2016, 7, 72886-72897.	0.8	25
123	First-line treatment of 102 chronic myeloid leukemia patients with imatinib: A long-term single institution analysis. <i>American Journal of Hematology</i> , 2014, 89, E184-7.	2.0	24
124	ALK a Novel Lymphoma-associated Tumor Antigen for Vaccination Strategies. <i>Leukemia and Lymphoma</i> , 2003, 44, 1675-1681.	0.6	23
125	A Compound L1196M/G1202R ALK Mutation in a Patient with ALK-Positive Lung Cancer with Acquired Resistance to Brigatinib Also Confers Primary Resistance to Lorlatinib. <i>Journal of Thoracic Oncology</i> , 2019, 14, e257-e259.	0.5	23
126	Autologous cellular immune response to primary and metastatic human melanomas and its regulation by DR antigens expressed on tumor cells. <i>Cancer and Metastasis Reviews</i> , 1985, 4, 7-26.	2.7	22



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127	ETNK1 mutations induce a mutator phenotype that can be reverted with phosphoethanolamine. <i>Nature Communications</i> , 2020, 11, 5938.	5.8	22
128	IL10RA Modulates Crizotinib Sensitivity in NPM1-ALK-positive Anaplastic Large Cell Lymphoma. <i>Blood</i> , 2020, 136, 1657-1669.	0.6	22
129	Tyrosine phosphatases regulate resistance to ALK inhibitors in ALK+ anaplastic large cell lymphoma. <i>Blood</i> , 2022, 139, 717-731.	0.6	22
130	Acute Promyelocytic Leukaemia Cells Resistant to Retinoic Acid Show Further Perturbation of the RAR $\alpha$ Signal Transduction System. <i>Leukemia and Lymphoma</i> , 1995, 16, 289-295.	0.6	21
131	Patient-reported outcomes in the phase 3 BFORE trial of bosutinib versus imatinib for newly diagnosed chronic phase chronic myeloid leukemia. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 1589-1599.	1.2	21
132	<i>De novo</i> UBE2A mutations are recurrently acquired during chronic myeloid leukemia progression and interfere with myeloid differentiation pathways. <i>Haematologica</i> , 2019, 104, 1789-1797.	1.7	21
133	Phase two study of crizotinib in patients with anaplastic lymphoma kinase (ALK)-positive anaplastic large cell lymphoma relapsed/refractory to chemotherapy. <i>American Journal of Hematology</i> , 2020, 95, E319-E321.	2.0	21
134	Effects of 1,25-Dihydroxy Vitamin D3 on All-Trans Retinoic Acid Sensitive and Resistant Acute Promyelocytic Leukemia Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 224, 50-56.	1.0	20
135	CEQer: A Graphical Tool for Copy Number and Allelic Imbalance Detection from Whole-Exome Sequencing Data. <i>PLoS ONE</i> , 2013, 8, e74825.	1.1	20
136	Synthesis and biological evaluation of benzo[4,5]imidazo[1,2-c]pyrimidine and benzo[4,5]imidazo[1,2-a]pyrazine derivatives as anaplastic lymphoma kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1303-1312.	1.4	20
137	In vitro and in vivo identification of ABCB1 as an efflux transporter of bosutinib. <i>Journal of Hematology and Oncology</i> , 2015, 8, 81.	6.9	20
138	Phase 1 Trial of Vodobatinib, a Novel Oral BCR-ABL1 Tyrosine Kinase Inhibitor (TKI): Activity in CML Chronic Phase Patients Failing TKI Therapies Including Ponatinib. <i>Blood</i> , 2020, 136, 51-52.	0.6	20
139	Lysis by interleukin 2-stimulated tumor-infiltrating lymphocytes of autologous and allogeneic tumor target cells. <i>Cancer Immunology, Immunotherapy</i> , 1989, 28, 67-73.	2.0	19
140	Sensitivity to the abl inhibitor STI571 in fresh leukaemic cells obtained from chronic myelogenous leukaemia patients in different stages of disease. <i>British Journal of Haematology</i> , 2001, 112, 972-974.	1.2	19
141	Morgana acts as an oncosuppressor in chronic myeloid leukemia. <i>Blood</i> , 2015, 125, 2245-2253.	0.6	19
142	RET kinase inhibitors: a review of recent patents (2012-2015). <i>Expert Opinion on Therapeutic Patents</i> , 2017, 27, 91-99.	2.4	19
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