Simona Soverini

List of Publications by Year in Descending Order

296 papers	10,250 citations	48 h-index	98 g-index
328 ext. papers	11,737 ext. citations	4.2 avg, IF	5.38 L-index

#	Paper	IF	Citations
296	Overcoming Resistance to Kinase Inhibitors: The Paradigm of Chronic Myeloid Leukemia.. *OncoTargets and Therapy*, **2022**, 15, 103-116	4.4	1
295	BCR-ABL1 compound mutants: prevalence, spectrum and correlation with tyrosine kinase inhibitor resistance in a consecutive series of Philadelphia chromosome-positive leukemia patients analyzed by NGS. *Leukemia*, **2021**, 35, 2102-2107	10.7	2
294	INCB84344-201: Ponatinib and steroids in frontline therapy of unfit patients with Ph+ acute lymphoblastic leukemia. *Blood Advances*, **2021**,	7.8	5
293	Improving prognostication and management of systemic mastocytosis. *Lancet Haematology,the*, **2021**, 8, e164-e166	14.6	0
292	Assessment of individual molecular response in chronic myeloid leukemia patients with atypical BCR-ABL1 fusion transcripts: recommendations by the EUTOS cooperative network. *Journal of Cancer Research and Clinical Oncology*, **2021**, 147, 3081-3089	4.9	6
291	Inotuzumab ozogamicin and donor lymphocyte infusion is a safe and promising combination in relapsed acute lymphoblastic leukemia after allogeneic stem cell transplant. *Hematological Oncology*, **2021**, 39, 580-583	1.3	1
290	The Role of Hypoxic Bone Marrow Microenvironment in Acute Myeloid Leukemia and Future Therapeutic Opportunities. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
289	Targeting Leukemic Stem Cells in Chronic Myeloid Leukemia: Is It Worth the Effort?. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	6
288	A Review and an Update of European LeukemiaNet Recommendations for the Management of Chronic Myeloid Leukemia. *Hematologic Malignancies*, **2021**, 145-158	0	1
287	Next-generation sequencing improves BCR-ABL1 mutation detection in Philadelphia chromosome-positive acute lymphoblastic leukaemia. *British Journal of Haematology*, **2021**, 193, 271-279	4.5	1
286	Case Report: A Novel Activating FLT3 Mutation in Acute Myeloid Leukemia. *Frontiers in Oncology*, **2021**, 11, 728613	5.3	2
285	Molecular Testing of CML Patients in 2021: Between Old and New Tools. *Clinical Lymphoma, Myeloma and Leukemia*, **2021**, 21, S63-S65	2	
284	Recent Advances in the Molecular Biology of Systemic Mastocytosis: Implications for Diagnosis, Prognosis, and Therapy. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	10
283	Next-generation sequencing for BCR-ABL1 kinase domain mutations in adult patients with Philadelphia chromosome-positive acute lymphoblastic leukemia: A position paper. *Cancer Medicine* , **2020**, 9, 2960-2970	4.8	5
282	European LeukemiaNet 2020 recommendations for treating chronic myeloid leukemia. *Leukemia*, **2020**, 34, 966-984	10.7	356
281	Ponatinib treatment in chronic myeloid leukemia cell lines targets aurora kinase A/FOXM1 axis. *Hematological Oncology*, **2020**, 38, 201-203	1.3	2
280	Molecular Testing in CML between Old and New Methods: Are We at a Turning Point?. *Journal of Clinical Medicine*, **2020**, 9,	5.1	7

279	Prospective assessment of NGS-detectable mutations in CML patients with nonoptimal response: the NEXT-in-CML study. *Blood*, **2020**, 135, 534-541	2.2	37
278	Assessing Measurable Residual Disease in Chronic Myeloid Leukemia. BCR-ABL1 IS in the of Molecular Hematology. *Frontiers in Oncology*, **2019**, 9, 863	5.3	3
277	Chronic myeloid leukemia: the concepts of resistance and persistence and the relationship with the BCR-ABL1 transcript type. *Leukemia*, **2019**, 33, 2358-2364	10.7	21
276	The proportion of different BCR-ABL1 transcript types in chronic myeloid leukemia. An international overview. *Leukemia*, **2019**, 33, 1173-1183	10.7	51
275	Hyper-activation of Aurora kinase a-polo-like kinase 1-FOXM1 axis promotes chronic myeloid leukemia resistance to tyrosine kinase inhibitors. *Journal of Experimental and Clinical Cancer Research*, **2019**, 38, 216	12.8	9
274	Treatment and monitoring of Philadelphia chromosome-positive leukemia patients: recent advances and remaining challenges. *Journal of Hematology and Oncology*, **2019**, 12, 39	22.4	48
273	BCR-ABL1 mutation screening in chronic myeloid leukaemia: is next now?. *Lancet Haematology,the*, **2019**, 6, e236-e237	14.6	1
272	Droplet Digital PCR Phasing (DROP-PHASE): A Novel Method for Straightforward Detection of BCR-ABL1 Compound Mutations in Tyrosine Kinase Inhibitors Resistant Chronic Myeloid Leukemia (CML) and Acute Lymphoblastic Leukemia (ALL). *Blood*, **2019**, 134, 4660-4660	2.2	1
271	Ten-Year Follow-up of Patients with Chronic Myeloid Leukemia Treated with Nilotinib in First-Line: Final Results of the Gimema CML 0307 Trial. *Blood*, **2019**, 134, 4145-4145	2.2	2
270	Detection of Actionable BCR-ABL1 Kinase Domain (KD) Mutations in Chronic Myeloid Leukemia (CML) Patients with Failure and Warning Response to Tyrosine Kinase Inhibitors (TKIs): Potential Impact of Next-Generation Sequencing (NGS) and Droplet Digital PCR (ddPCR) on Clinical Decision Making. *Blood*, **2019**, 134, 661-661	2.2	3
269	PS1437 SETD2 NON-GENOMIC LOSS OF FUNCTION IN ADVANCED SYSTEMIC MASTOCYTOSIS (SM): PATHOGENETIC AND THERAPEUTIC IMPLICATIONS. *HemaSphere*, **2019**, 3, 662-663	0.3	
268	In Systemic Masocytosis, Midostaurin Targets Both Kit and Aurora Kinase a Reverting H3K36Me3 Deficiency and Synergizes with Second-Generation Tyrosine Kinase Inhibitors. *Blood*, **2019**, 134, 4204-4204	2.2	
267	Aurora Kinase a/MDM2-Mediated SETD2 Loss of Function in Chronic Myeloid Leukemia Patients in Blast Crisis Can be Therapeutically Targeted Inducing Apoptotic Cell Death in a Caspase-Dependent Way. *Blood*, **2019**, 134, 4142-4142	2.2	
266	Managing chronic myeloid leukemia for treatment-free remission: a proposal from the GIMEMA CML WP. *Blood Advances*, **2019**, 3, 4280-4290	7.8	40
265	Current treatment approaches in CML.. *HemaSphere*, **2019**, 3,	0.3	2
264	Identification of Two Mutations Compromising Protein Stability and Methylation Capacity in Acute Myeloid Leukemia. *Journal of Oncology*, **2019**, 2019, 5985923	4.5	1
263	PF172 PROSPECTIVE COMPARISON OF SANGER SEQUENCING VS NEXT GENERATION SEQUENCING FOR ROUTINE BCR-ABL1 KINASE DOMAIN MUTATION SCREENING IN PHILADELPHIA-POSITIVE ACUTE LYMPHOBLASTIC LEUKEMIA PATIENTS. *HemaSphere*, **2019**, 3, 37-38	0.3	
262	Next-generation sequencing for BCR-ABL1 kinase domain mutation testing in patients with chronic myeloid leukemia: a position paper. *Journal of Hematology and Oncology*, **2019**, 12, 131	22.4	19

261	Novel and Rare Fusion Transcripts Involving Transcription Factors and Tumor Suppressor Genes in Acute Myeloid Leukemia. *Cancers*, **2019**, 11,	6.6	11
260	Mechanisms of Disease Progression and Resistance to Tyrosine Kinase Inhibitor Therapy in Chronic Myeloid Leukemia: An Update. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	30
259	Chromothripsis in acute myeloid leukemia: biological features and impact on survival. *Leukemia*, **2018**, 32, 1609-1620	10.7	50
258	Impact of SLC22A1 and CYP3A5 genotypes on imatinib response in chronic myeloid leukemia: A systematic review and meta-analysis. *Pharmacological Research*, **2018**, 131, 244-254	10.2	10
257	Chronic myeloid leukemia: the paradigm of targeting oncogenic tyrosine kinase signaling and counteracting resistance for successful cancer therapy. *Molecular Cancer*, **2018**, 17, 49	42.1	103
256	SETD2 and histone H3 lysine 36 methylation deficiency in advanced systemic mastocytosis. *Leukemia*, **2018**, 32, 139-148	10.7	17
255	Next Generation Sequencing-Based BCR-ABL1 Kinase Domain Mutation Screening in De Novo and Tyrosine Kinase Inhibitor-Resistant Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia: Results of a Prospective Study. *Blood*, **2018**, 132, 4078-4078	2.2	1
254	Compound BCR-ABL1 Kinase Domain Mutants: Prevalence, Spectrum and Correlation with Tyrosine Kinase Inhibitor Resistance in a Prospective Series of Philadelphia Chromosome-Positive Leukemia Patients Analyzed By Next Generation Sequencing. *Blood*, **2018**, 132, 789-789	2.2	2
253	The Use of EUTOS Long-Term Survival Score Instead of Sokal Score Is Strongly Advised in Elderly Chronic Myeloid Leukemia Patients. *Blood*, **2018**, 132, 44-44	2.2	6
252	International, Prospective Study Comparing Nilotinib Versus Imatinib with Early Switch to Nilotinib to Obtain Sustained Treatment-Free Remission in Patients with Chronic Myeloid Leukemia. a GIMEMA and HOVON Study. *Blood*, **2018**, 132, 1750-1750	2.2	3
251	Outcome of 472 Chronic Myeloid Leukemia Patients Treated with Frontline Nilotinib: A Gimema CML WP Analysis. *Blood*, **2018**, 132, 458-458	2.2	2
250	Aurora Kinase a/MDM2-Mediated SETD2 Loss of Function in Chronic Myeloid Leukemia Patients in Blast Crisis Induces Genetic Instability and Can be Therapeutically Targeted. *Blood*, **2018**, 132, 1726-1726	2.2	
249	Biology of Acute Myeloid Leukemia (AML) with Monosomy of Chromosome 7 or Loss of 7q. a Study on 487 Patients Analyzed By Gene Expression Profile (GEP), Single Nucleotide Polymorphism (SNP) Arrays and Metabolomics. *Blood*, **2018**, 132, 2748-2748	2.2	
248	DNA Analysis of Mutations in the Kinase Domain of BCR-ABL1 By Allele-Specific Digital PCR Is Highly Sensitive and Refines Prediction of Kinetics of Resistant CML Clones. *Blood*, **2018**, 132, 1743-1743	2.2	
247	Higher Expression of PALB2 Predict Poor Prognosis in AML Patients and Identifies Potential Targets of Synthetic Lethal Therapies. *Blood*, **2018**, 132, 1507-1507	2.2	
246	MDM2 and Aurora Kinase a Contribute to SETD2 Loss of Function in Advanced Systemic Mastocytosis: Implications for Pathogenesis and Treatment. *Blood*, **2018**, 132, 1779-1779	2.2	0
245	FOXM1 Transcription Factor: A New Component of Chronic Myeloid Leukemia Stem Cell Proliferation Advantage. *Journal of Cellular Biochemistry*, **2017**, 118, 3968-3975	4.7	8
244	The BCR-ABL1 transcript type influences response and outcome in Philadelphia chromosome-positive chronic myeloid leukemia patients treated frontline with imatinib. *American Journal of Hematology*, **2017**, 92, 797-805	7.1	52

243	Incidence of second primary malignancies and related mortality in patients with imatinib-treated chronic myeloid leukemia. *Haematologica*, **2017**, 102, 1530-1536	6.6	12
242	Ponatinib as a Valid Alternative Strategy in Patients with Blast Crisis-Chronic Myeloid Leukemia Not Eligible for Allogeneic Stem Cells Transplantation and/or Conventional Chemotherapy: Report of a Case. *Case Reports in Hematology*, **2017**, 2017, 6167345	0.7	1
241	The clonal evolution of two distinct T315I-positive BCR-ABL1 subclones in a Philadelphia-positive acute lymphoblastic leukemia failing multiple lines of therapy: a case report. *BMC Cancer*, **2017**, 17, 523	4.8	0
240	A population-based study of chronic myeloid leukemia patients treated with imatinib in first line. *American Journal of Hematology*, **2017**, 92, 82-87	7.1	22
239	What are the challenges in 2016 regarding resistance to tyrosine kinase inhibitors in chronic myeloid leukemia and cancer?. *Hematological Oncology*, **2017**, 35, 420-423	1.3	1
238	Chromothripsis in acute myeloid leukemia: biological features and impact on survival. *Leukemia*, **2017**,	10.7	3
237	Cryptic BCR-ABL fusion gene as variant rearrangement in chronic myeloid leukemia: molecular cytogenetic characterization and influence on TKIs therapy. *Oncotarget*, **2017**, 8, 29906-29913	3.3	14
236	Chibby 1: a new component of □catenin-signaling in chronic myeloid leukemia. *Oncotarget*, **2017**, 8, 88244-88250	3.3	1
235	A Review and an Update of European LeukemiaNet Recommendations for the Management of Chronic Myeloid Leukemia. *Hematologic Malignancies*, **2016**, 55-69	0	2
234	Nilotinib against high dose imatinib for salvage therapy of chronic myeloid leukaemia. *Lancet Haematology,the*, **2016**, 3, e554-e555	14.6	
233	Nilotinib 300 mg twice daily: an academic single-arm study of newly diagnosed chronic phase chronic myeloid leukemia patients. *Haematologica*, **2016**, 101, 1200-1207	6.6	19
232	Clinical impact of low-burden BCR-ABL1 mutations detectable by amplicon deep sequencing in Philadelphia-positive acute lymphoblastic leukemia patients. *Leukemia*, **2016**, 30, 1615-9	10.7	11
231	Impact of Age on Efficacy, Safety, and Long-Term Outcome of Chronic Myeloid Leukemia (CML) Patients Treated in First-Line with Nilotinib: An Analysis of the Gimema CML Working Party. *Blood*, **2016**, 128, 3068-3068	2.2	1
230	Prognostic Value of BCR-ABL1 Transcript Type in Chronic Myeloid Leukemia Patients Treated Frontline with Nilotinib. *Blood*, **2016**, 128, 3070-3070	2.2	7
229	Interferon-□Revisited: Individualized Treatment Management Eased the Selective Pressure of Tyrosine Kinase Inhibitors on BCR-ABL1 Mutations Resulting in a Molecular Response in High-Risk CML Patients. *PLoS ONE*, **2016**, 11, e0155959	3.7	12
228	Next-generation sequencing for sensitive detection of BCR-ABL1 mutations relevant to tyrosine kinase inhibitor choice in imatinib-resistant patients. *Oncotarget*, **2016**, 7, 21982-90	3.3	39
227	Impact on survival of catastrophic karyotype events in 101 consecutive acute myeloid leukemia (AML) patients: High risk karyotype and chromothripsis.. *Journal of Clinical Oncology*, **2016**, 34, 7044-7044	2.2	
226	The 'Next-in-Cml' Study: A Prospective Multicenter Study of Deep Sequencing of the BCR-ABL1 Kinase Domain in Philadelphia Chromosome-Positive Patients with Non-Optimal Responses to Tyrosine Kinase Inhibitor Therapy. *Blood*, **2016**, 128, 3097-3097	2.2	

225	Chromothripsis in Acute Myeloid Leukemia Is Strongly Associated with Poor Prognosis and TP53 Alterations. *Blood*, **2016**, 128, 1678-1678	2.2	
224	Assessment of BCR-ABL1 Transcript Levels By Digital PCR (dPCR) in CML Patients who Achieved a Deep Molecular Response (DMR: MR4.0, MR4.5 And MR5.0) with Tkis May Improve the Detection of Minimal Residual Disease (MRD) and the Selection of Patients for Treatment Free Remission (TFR). *Blood*, **2016**, 128, 3096-3096	2.2	
223	A Population-Based Study of Chronic Myeloid Leukemia Treated with Imatinib in First Line. *Blood*, **2016**, 128, 3076-3076	2.2	
222	Alterations in Pathways Regulating Phosphatidil Inositol 3 Phosphate (PI3P) Produce Both Cell Proliferation and Therapy Resistance, and Define a Group of Patients with Poor Prognosis in Acute Myeloid Leukemia (AML). *Blood*, **2016**, 128, 1679-1679	2.2	
221	The Genomic and Transcriptomic Landscape of Systemic Mastocytosis. *Blood*, **2016**, 128, 3136-3136	2.2	1
220	Rotation of nilotinib and imatinib for first-line treatment of chronic phase chronic myeloid leukemia. *American Journal of Hematology*, **2016**, 91, 617-22	7.1	10
219	Present and future of molecular monitoring in chronic myeloid leukaemia. *British Journal of Haematology*, **2016**, 173, 337-49	4.5	12
218	In chronic myeloid leukemia patients on second-line tyrosine kinase inhibitor therapy, deep sequencing of BCR-ABL1 at the time of warning may allow sensitive detection of emerging drug-resistant mutants. *BMC Cancer*, **2016**, 16, 572	4.8	15
217	Coexistence of inversion 16 in chronic myeloid leukaemia in blast crisis. *Journal of Hematopathology* , **2016**, 9, 155-160	0.4	
216	Best Practices in Chronic Myeloid Leukemia Monitoring and Management. *Oncologist*, **2016**, 21, 626-33	5.7	31
215	Compound mutations in BCR-ABL1 are not major drivers of primary or secondary resistance to ponatinib in CP-CML patients. *Blood*, **2016**, 127, 703-12	2.2	65
214	Clinical presentation and management practice of systemic mastocytosis. A survey on 460 Italian patients. *American Journal of Hematology*, **2016**, 91, 692-9	7.1	31
213	The impact of sensitive KIT D816V detection on recognition of indolent Systemic Mastocytosis. *Leukemia Research*, **2015**, 39, 273-8	2.7	22
212	Long-term outcome of a phase 2 trial with nilotinib 400 mg twice daily in first-line treatment of chronic myeloid leukemia. *Haematologica*, **2015**, 100, 1146-50	6.6	29
211	Managing chronic myeloid leukaemia in the elderly with intermittent imatinib treatment. *Blood Cancer Journal*, **2015**, 5, e347	7	22
210	Long-term outcome of chronic myeloid leukemia patients treated frontline with imatinib. *Leukemia*, **2015**, 29, 1823-31	10.7	64
209	Mutations in the BCR-ABL1 Kinase Domain and Elsewhere in Chronic Myeloid Leukemia. *Clinical Lymphoma, Myeloma and Leukemia*, **2015**, 15 Suppl, S120-8	2	49
208	Next-generation deep sequencing improves detection of BCR-ABL1 kinase domain mutations emerging under tyrosine kinase inhibitor treatment of chronic myeloid leukemia patients in chronic phase. *Journal of Cancer Research and Clinical Oncology*, **2015**, 141, 887-99	4.9	54

207	ABCB1 polymorphisms predict imatinib response in chronic myeloid leukemia patients: a systematic review and meta-analysis. *Pharmacogenomics Journal*, **2015**, 15, 127-34	3.5	33
206	14-3-3 Binding and Sumoylation Concur to the Down-Modulation of β-catenin Antagonist chibby 1 in Chronic Myeloid Leukemia. *PLoS ONE*, **2015**, 10, e0131074	3.7	8
205	Serum total tryptase level confirms itself as a more reliable marker of mast cells burden in mast cell leukaemia (aleukaemic variant). *Case Reports in Hematology*, **2015**, 2015, 737302	0.7	4
204	Characterization of 46 patient-specific BCR-ABL1 fusions and detection of SNPs upstream and downstream the breakpoints in chronic myeloid leukemia using next generation sequencing. *Molecular Cancer*, **2015**, 14, 89	42.1	8
203	Differences among young adults, adults and elderly chronic myeloid leukemia patients. *Annals of Oncology*, **2015**, 26, 185-192	10.3	48
202	Interferon in CML: back to the past, or towards the future?. *Lancet Haematology,the*, **2015**, 2, e8-9	14.6	
201	The Wee1 Inhibitor, MK-1775, Sensitizes Leukemic Cells to Different Antineoplastic Drugs Interfering with DNA Damage Response Pathway. *Blood*, **2015**, 126, 1276-1276	2.2	2
200	Long-Term Outcome to First-Line Imatinib according to 2013 European LeukemiaNet Response Criteria: a GIMEMA CML WP Analysis. *Blood*, **2015**, 126, 2792-2792	2.2	0
199	RNA Sequencing Reveals Novel and Rare Fusion Transcripts in Acute Myeloid Leukemia. *Blood*, **2015**, 126, 3627-3627	2.2	1
198	Genome-Wide Molecular Portrait of Aggressive Systemic Mastocytosis and Mast Cell Leukemia Depicted By Whole Exome Sequencing and Copy Number Variation Analysis. *Blood*, **2015**, 126, 4085-4085	2.2	1
197	Two or More Chemotherapy Consolidation Courses, Followed By Autologous Bone Marrow Transplantation, and MRD Negativity, Give Long Term Overall Survival in Acute Myeloid Leukemia Patients. *Blood*, **2015**, 126, 3198-3198	2.2	
196	Genomic-Wide Analysis By High Resolution SNP Array Identifies Novel Genomic Alteration in Acute Myeloid Leukemia. *Blood*, **2015**, 126, 2600-2600	2.2	
195	Novel Genomic Patterns of Metabolic Remodeling in Acute Myeloid Leukemia. *Blood*, **2015**, 126, 3837-3837	2.2	
194	A Multi-Institutional Retrospective Analysis of Tyrosine Kinase Inhibitor (TKI) Clinical and Preclinical Efficacy According to BCR-ABL Mutation Status in CP-CML Patients. *Blood*, **2015**, 126, 2790-2790	2.2	0
193	Gemtuzumab-Ozogamicin Containing Regimens As Induction Therapy Give the Highest Complete Remission Rate and the Longest Overall Survival Compared with Other Induction Regimens in Patients with Newly Diagnosed Acute Myeloid Leukemia. *Blood*, **2015**, 126, 2513-2513	2.2	
192	Bone Marrow (BM) Microenviroment Factors As Early Markers of Response in Patients with Newly Diagnosed Chronic Phase Chronic Myelogenous Leukemia (CML-CP) Treated with Nilotinib. *Blood*, **2015**, 126, 1570-1570	2.2	
191	A Specific Pattern of Somatic Mutations Associates with Poor Prognosis Aneuploid Acute Myeloid Leukemia: Results from the European NGS-PTL Consortium. *Blood*, **2015**, 126, 3840-3840	2.2	
190	Aurora Kinase a: A New Component of Imatinib Resistance in Chronic Myeloid Leukemia. *Blood*, **2015**, 126, 1573-1573	2.2	

189	The Inhibition of Checkpoint Kinase 1 As a Promising Strategy to Increase the Effectiveness of Different Treatments in Acute Lymphoblastic Leukemia. *Blood*, **2015**, 126, 2478-2478	2.2	
188	Use of a high sensitive nanofluidic array for the detection of rare copies of BCR-ABL1 transcript in patients with Philadelphia-positive acute lymphoblastic leukemia in complete response. *Leukemia Research*, **2014**, 38, 581-5	2.7	17
187	Molecular monitoring. *Current Hematologic Malignancy Reports*, **2014**, 9, 1-8	4.4	9
186	Long term outcome of Ph+ CML patients achieving complete cytogenetic remission with interferon based therapy moving from interferon to imatinib era. *American Journal of Hematology*, **2014**, 89, 119-24	7.1	12
185	BCR-ABL1 compound mutations combining key kinase domain positions confer clinical resistance to ponatinib in Ph chromosome-positive leukemia. *Cancer Cell*, **2014**, 26, 428-442	24.3	233
184	Drug resistance and BCR-ABL kinase domain mutations in Philadelphia chromosome-positive acute lymphoblastic leukemia from the imatinib to the second-generation tyrosine kinase inhibitor era: The main changes are in the type of mutations, but not in the frequency of mutation involvement. *Cancer*, **2014**, 120, 1602-9	6.4	92
183	Molecular response in CML: where is the bar?. *Blood*, **2014**, 124, 469-71	2.2	9
182	Molecular monitoring and mutations in chronic myeloid leukemia: how to get the most out of your tyrosine kinase inhibitor. *American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting*, **2014**, 167-75	7.1	12
181	Implications of BCR-ABL1 kinase domain-mediated resistance in chronic myeloid leukemia. *Leukemia Research*, **2014**, 38, 10-20	2.7	97
180	Abstract 5552: Extremely high rate of complete hematological response of elderly Ph+ acute lymphoblastic leukemia (ALL) patients by innovative sequential use of Nilotinib and Imatinib. A GIMEMA Protocol LAL 1408 **2014**,		3
179	Inactivation of the SETD2 Tumor Suppressor Gene in Mast Cell Leukemia. *Blood*, **2014**, 124, 1881-1881	2.2	2
178	PKC412 (midostaurin) is safe and highly effective in systemic mastocytosis: Follow up of a single-center Italian compassionate use.. *Journal of Clinical Oncology*, **2014**, 32, 7113-7113	2.2	
177	Backtracking BCR-ABL1 Mutants in Philadelphia-Positive Acute Lymphoblastic Leukemia Patients Relapsing on Tyrosine Kinase Inhibitors with Deep Sequencing: Implications for Routine Mutation Testing. *Blood*, **2014**, 124, 2259-2259	2.2	
176	Ultra-Deep Sequencing (UDS) Allows More Sensitive Detection of the D816V and Other Kit Gene Mutations in Systemic Mastocytosis. *Blood*, **2014**, 124, 1856-1856	2.2	
175	Five-Year Outcome of 215 Newly Diagnosed Chronic Myeloid Leukemia Patients Treated Frontline with Nilotinib-Based Regimens: A Gimema CML Working Party Analysis. *Blood*, **2014**, 124, 3141-3141	2.2	
174	A Survey on Clinical and Biological Characteristic and Therapy Management of an Italian Series of 455 Adult Patients with Systemic Mastocytosis on Behalf of Italian Registry of Mastocytosis. *Blood*, **2014**, 124, 3188-3188	2.2	
173	Advances in the biology and therapy of chronic myeloid leukemia: proceedings from the 6th Post-ASH International Chronic Myeloid Leukemia and Myeloproliferative Neoplasms Workshop. *Leukemia and Lymphoma*, **2013**, 54, 1151-8	1.9	8
172	Rapid initial decline in BCR-ABL1 is associated with superior responses to second-line nilotinib in patients with chronic-phase chronic myeloid leukemia. *BMC Cancer*, **2013**, 13, 173	4.8	13

171	Unraveling the complexity of tyrosine kinase inhibitor-resistant populations by ultra-deep sequencing of the BCR-ABL kinase domain. *Blood*, **2013**, 122, 1634-48	2.2	127
170	BCR-ABL1 compound mutations in tyrosine kinase inhibitor-resistant CML: frequency and clonal relationships. *Blood*, **2013**, 121, 489-98	2.2	154
169	European LeukemiaNet recommendations for the management of chronic myeloid leukemia: 2013. *Blood*, **2013**, 122, 872-84	2.2	1413
168	Effects and outcome of a policy of intermittent imatinib treatment in elderly patients with chronic myeloid leukemia. *Blood*, **2013**, 121, 5138-44	2.2	36
167	The BCR-ABLT315I mutation compromises survival in chronic phase chronic myelogenous leukemia patients resistant to tyrosine kinase inhibitors, in a matched pair analysis. *Haematologica*, **2013**, 98, 1510-6	6.6	39
166	Association between imatinib transporters and metabolizing enzymes genotype and response in newly diagnosed chronic myeloid leukemia patients receiving imatinib therapy. *Haematologica*, **2013**, 98, 193-200	6.6	83
165	BCR-ABL1-associated reduction of beta catenin antagonist Chibby1 in chronic myeloid leukemia. *PLoS ONE*, **2013**, 8, e81425	3.7	11
164	Frontline Treatment With Imatinib Mesylate in Chronic Myeloid Leukemia Patients in Early Chronic Phase: a Very Long-Term Analysis by the GIMEMA CML Working Party. *Blood*, **2013**, 122, 258-258	2.2	2
163	Adult B-Cell Precursor Acute Lymphoblastic Leukemia (BC-ALL) Negative For Recurrent Fusion Genes Are Characterized By a High Complex Genetic Heterogeneity Influencing Prognosis. *Blood*, **2013**, 122, 2622-2622	2.2	1
162	Ultra Deep Sequencing (UDS) Allows More Sensitive Detection Of Tyrosine Kinase Inhibitor (TKI)-Resistant BCR-ABL Mutations That Would Influence Therapeutic Decision At The Time Of Switchover To Second- Or Third-Line Therapy. *Blood*, **2013**, 122, 380-380	2.2	2
161	Sensitivity, Reproducibility and Clinical Utility Of Next-Generation Sequencing (NGS) for BCR-ABL1 Kinase Domain Mutation Screening: Results From The CML Work Package Of The Iron-II (Interlaboratory RObustness Of Next-Generation Sequencing) International Study. *Blood*, **2013**, 122, 3824-3824	2.2	3
160	Impact Of Baseline (BL) Mutations, Including Low-Level and Compound Mutations, On Ponatinib Response and End Of Treatment (EOT) Mutation Analysis In Patients (Pts) With Chronic Phase Chronic Myeloid Leukemia (CP-CML). *Blood*, **2013**, 122, 652-652	2.2	6
159	The Interlaboratory Robustness Of Next-Generation Sequencing (IRON) Study Phase II: Deep-Sequencing Analyses Of Hematological Malignancies Performed In 8,867 Cases By An International Network Involving 27 Laboratories. *Blood*, **2013**, 122, 743-743	2.2	6
158	Algorithms and Processing Pipeline For Error Correction and Detection Of Significant Mutations In The Kinase Domain Of BCR-ABL Analyzed By Next-Generation Sequencing: Implications For Clinical Practice Of Chronic Myeloid Leukemia. *Blood*, **2013**, 122, 3987-3987	2.2	
157	The e13a2 BCR-ABL1 Fusion Transcript Is a Candidate Adverse Prognostic Factor In Chronic Myeloid Leukemia Patients Treated Frontline With Imatinib Mesylate. *Blood*, **2013**, 122, 1486-1486	2.2	
156	4-Year Outcome Of 215 Patients With Newly Diagnosed Chronic Myeloid Leukemia (CML) Treated Frontline With Nilotinib In Investigator-Sponsored Studies. A Report From The Gimema CML Working Party. *Blood*, **2013**, 122, 4000-4000	2.2	
155	Ponatinib Is Well Tolerated and Active In Patients With Relapsed/Refractory Philadelphia Positive Acute Lymphoblastic Leukemia (PH+ ALL) and Advanced Phase Of Chronic Myelogenous Leukemia (CML) Harbouring T315I Mutation: The Bologna Experience. *Blood*, **2013**, 122, 3911-3911	2.2	
154	Minor Subclones Harboring Small Insertions and Deletions Probably Due To Aberrant Splicing Can Frequently Be Detected By Deep Sequencing of The BCR-ABL Kinase Domain. *Blood*, **2013**, 122, 3986-3986	2.2	

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