Antonella Zagaria

List of Publications by Year
in descending order

80	1,301	331670 21	434195 31
papers	citations	h-index	g-index

80	80	80	1767
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A 76-kb duplicon maps close to the BCR gene on chromosome 22 and the ABL gene on chromosome 9: Possible involvement in the genesis of the Philadelphia chromosome translocation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9882-9887.	7.1	71
2	Next-Generation Sequencing in Acute Lymphoblastic Leukemia. International Journal of Molecular Sciences, 2019, 20, 2929.	4.1	60
3	TP53 gene mutation analysis in chronic lymphocytic leukemia by nanopore MinION sequencing. Diagnostic Pathology, 2016, 11, 96.	2.0	51
4	Breakpoint characterization of der(9) deletions in chronic myeloid leukemia patients. Genes Chromosomes and Cancer, 2002, 35, 271-276.	2.8	48
5	Droplet Digital PCR Is a Robust Tool for Monitoring Minimal Residual Disease in Adult Philadelphia-Positive Acute Lymphoblastic Leukemia. Journal of Molecular Diagnostics, 2018, 20, 474-482.	2.8	41
6	Non random distribution of genomic features in breakpoint regions involved in chronic myeloid leukemia cases with variant t(9;22) or additional chromosomal rearrangements. Molecular Cancer, 2010, 9, 120.	19.2	37
7	Mutational analysis in BCR - ABL1 positive leukemia by deep sequencing based on nanopore MinION technology. Experimental and Molecular Pathology, 2017, 103, 33-37.	2.1	36
8	Genomic segmental duplications on the basis of the t(9;22) rearrangement in chronic myeloid leukemia. Oncogene, 2010, 29, 2509-2516.	5.9	35
9	Absolute quantification of the pretreatmentPML-RARAtranscript defines the relapse risk in acute promyelocytic leukemia. Oncotarget, 2015, 6, 13269-13277.	1.8	35
10	Digital PCR: A Reliable Tool for Analyzing and Monitoring Hematologic Malignancies. International Journal of Molecular Sciences, 2020, 21, 3141.	4.1	35
11	Droplet Digital PCR Is a Reliable Tool for Monitoring Minimal Residual Disease in Acute Promyelocytic Leukemia. Journal of Molecular Diagnostics, 2017, 19, 437-444.	2.8	34
12	Design and MinION testing of a nanopore targeted gene sequencing panel for chronic lymphocytic leukemia. Scientific Reports, 2018, 8, 11798.	3.3	34
13	Decreased TET2 gene expression during chronic myeloid leukemia progression. Leukemia Research, 2011, 35, e220-e222.	0.8	30
14	Genomic BCR-ABL1 breakpoint characterization by a multi-strategy approach for â€œpersonalized monitoringâ€•of residual disease in chronic myeloid leukemia patients. Oncotarget, 2018, 9, 10978-10986.	1.8	29
15	Nanopore Sequencing in Blood Diseases: A Wide Range of Opportunities. Frontiers in Genetics, 2020, 11, 76.	2.3	29
16	SETBP1 and miR_4319 dysregulation in primary myelofibrosis progression to acute myeloid leukemia. Journal of Hematology and Oncology, 2012, 5, 48.	17.0	27
17	A novel chromosomal translocation t(3;7)(q26;q21) in myeloid leukemia resulting in overexpression of EVI1. Annals of Hematology, 2004, 83, 78-83.	1.8	26
18	Nanopore Targeted Sequencing for Rapid Gene Mutations Detection in Acute Myeloid Leukemia. Genes, 2019, 10, 1026.	2.4	26

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19	SETBP1 dysregulation in congenital disorders and myeloid neoplasms. Oncotarget, 2017, 8, 51920-51935.	1.8	26
20	A fluorescence in situ hybridization study of complex t(9;22) in two chronic myelocytic leukemia cases with a masked Philadelphia chromosome. Cancer Genetics and Cytogenetics, 2004, 150, 81-85.	1.0	25
21	TP53 in Myelodysplastic Syndromes: Recent Biological and Clinical Findings. International Journal of Molecular Sciences, 2020, 21, 3432.	4.1	25
22	BCRâ€“ABL1 e6a2 transcript in chronic myeloid leukemia: biological features and molecular monitoring by droplet digital PCR. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2015, 467, 357-363.	2.8	24
23	â€œHome-brewâ€•FISH assay shows higher efficiency than BCR-ABL dual color, dual fusion probe in detecting microdeletions and complex rearrangements associated with t(9;22) in chronic myeloid leukemia. Cancer Genetics and Cytogenetics, 2007, 174, 121-126.	1.0	23
24	Droplet digital PCR analysis of NOTCH1 gene mutations in chronic lymphocytic leukemia. Oncotarget, 2016, 7, 86469-86479.	1.8	23
25	Molecular Complexity of Diffuse Large B-Cell Lymphoma: Can It Be a Roadmap for Precision Medicine?. Cancers, 2020, 12, 185.	3.7	22
26	Molecular cytogenetic characterization of deletions on der(9) in chronic myelocytic leukemia. Cancer Genetics and Cytogenetics, 2006, 167, 97-102.	1.0	21
27	CPX-351 in acute myeloid leukemia: can a new formulation maximize the efficacy of old compounds?. Expert Review of Hematology, 2017, 10, 853-862.	2.2	21
28	Dysregulation of miRNA in Leukemia: Exploiting miRNA Expression Profiles as Biomarkers. International Journal of Molecular Sciences, 2021, 22, 7156.	4.1	21
29	Insertions generating the 5?RUNX1/3?CBFA2T1 gene in acute myeloid leukemia cases show variable breakpoints. Genes Chromosomes and Cancer, 2004, 41, 86-91.	2.8	19
30	RARA and RARG gene downregulation associated with EZH2 mutation in acute promyelocytic-like morphology leukemia. Human Pathology, 2018, 80, 82-86.	2.0	19
31	RARG Gene Dysregulation in Acute Myeloid Leukemia. Frontiers in Molecular Biosciences, 2019, 6, 114.	3.5	18
32	Genomic deletions on other chromosomes involved in variant t(9;22) chronic myeloid leukemia cases. Genes Chromosomes and Cancer, 2003, 36, 353-360.	2.8	17
33	Derivative Chromosome 9 Deletions in Chronic Myeloid Leukemia are Associated with Loss of Tumor Suppressor Genes. Leukemia and Lymphoma, 2004, 45, 689-694.	1.3	17
34	Droplet digital PCR assay for quantifying of CALR mutant allelic burden in myeloproliferative neoplasms. Annals of Hematology, 2016, 95, 1559-1560.	1.8	16
35	The JAK2 GGCC (46/1) Haplotype in Myeloproliferative Neoplasms: Causal or Random?. International Journal of Molecular Sciences, 2018, 19, 1152.	4.1	16
36	The Pleiotropic Role of Retinoic Acid/Retinoic Acid Receptors Signaling: From Vitamin A Metabolism to Gene Rearrangements in Acute Promyelocytic Leukemia. International Journal of Molecular Sciences, 2019, 20, 2921.	4.1	16

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37	Gene expression profiling of chronic myeloid leukemia with variant t(9;22) reveals a different signature from cases with classic translocation. Molecular Cancer, 2013, 12, 36.	19.2	14
38	Monosomal karyotype in myeloid neoplasias: a literature review. OncoTargets and Therapy, 2017, Volume 10, 2163-2171.	2.0	13
39	Molecular cytogenetic characterization of a complex rearrangement involving chromosomes 9 and 22 in a case of Ph-negative chronic myeloid leukemia. Cancer Genetics and Cytogenetics, 2002, 136, 141-145.	1.0	12
40	Submicroscopic deletions in an acute myeloid leukemia case with a four-way t(8;11;16;21). Leukemia Research, 2005, 29, 855-858.	0.8	12
41	Clonal Hematopoiesis at the Crossroads of Inflammatory Bowel Diseases and Hematological Malignancies: A Biological Link?. Frontiers in Oncology, 2022, 12, 873896.	2.8	12
42	5â€˜RUNX1-3â€™USP42 chimeric gene in acute myeloid leukemia can occur through an insertion mechanism rather than translocation and may be mediated by genomic segmental duplications. Molecular Cytogenetics, 2014, 7, 66.	0.9	11
43	Acute myeloid leukemia with t(16;16) (p13;q22) showing a new CBFB-MYH11 fusion transcript associated with an atypical leukemic blasts morphology. Human Pathology, 2014, 45, 643-647.	2.0	10
44	Deletions on der(9) chromosome in adult Ph-positive acute lymphoblastic leukemia occur with a frequency similar to that observed in chronic myeloid leukemia. Leukemia, 2003, 17, 528-531.	7.2	8
45	A novel t(4;16)(q25;q23.1) associated with EGF and ELOVL6 deregulation in acute myeloid leukemia. Gene, 2013, 529, 144-147.	2.2	8
46	IgG-lymphoplasmacytic lymphoma following polycythemia vera: JAK2 V617F and MYD88 L265P mutations separated in the same house. Annals of Hematology, 2014, 93, 1605-1607.	1.8	8
47	Overexpression of the LSAMP and TUSC7 genes in acute myeloid leukemia following microdeletion/duplication of chromosome 3. Cancer Genetics, 2015, 208, 517-522.	0.4	8
48	HMGA Proteins in Hematological Malignancies. Cancers, 2020, 12, 1456.	3.7	8
49	A chronic myelocytic leukemia case bearing deletions on the three chromosomes involved in a variant t(9;22;11). Cancer Genetics and Cytogenetics, 2004, 148, 137-140.	1.0	7
50	Pericentric chromosome 8 inversion associated with the 5?RUNX1/3?CBFA2T1 gene in acute myeloid leukemia cases. Annals of Hematology, 2005, 84, 245-249.	1.8	7
51	MIRN199B downregulation in chronic myeloid leukaemia is associated with deletions on der(9). British Journal of Haematology, 2009, 144, 271-273.	2.5	7
52	MYEOV gene overexpression in primary plasma cell leukemia with t(11;14)(q13;q32). Oncology Letters, 2016, 12, 1460-1464.	1.8	7
53	Droplet digital PCR for the quantification of Alu methylation status in hematological malignancies. Diagnostic Pathology, 2018, 13, 98.	2.0	7
54	Skin lesions in chronic myeloid leukemia patients during dasatinib treatment . Cancer Management and Research, 2019, Volume 11, 7991-7996.	1.9	7

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55	A new recurrent chromosomal translocation t(3;11)(q13;q14) in myelodysplastic syndromes associated with overexpression of the ILDR1 gene. Leukemia Research, 2012, 36, 852-856.	0.8	6
56	ADAMTS2 gene dysregulation in T/myeloid mixed phenotype acute leukemia. BMC Cancer, 2014, 14, 963.	2.6	6
57	Nanopore sequencing approach for immunoglobulin gene analysis in chronic lymphocytic leukemia. Scientific Reports, 2021, 11, 17668.	3.3	6
58	Extramedullary molecular evidence of the 5â€²KIAA1509/3â€²PDGFRB fusion gene in chronic eosinophilic leukemia. Leukemia Research, 2008, 32, 347-351.	0.8	5
59	Myelodysplastic syndrome with 5q deletion following IgM monoclonal gammopathy, showing gene mutation MYD88 L265P. Blood Cells, Molecules, and Diseases, 2015, 54, 51-52.	1.4	5
60	Erythrocytosis with JAK2 GGCC_46/1 haplotype and without JAK2 V617F mutation is associated with CALR rs1049481_G allele. Leukemia, 2021, 35, 619-622.	7.2	5
61	Nanopore sequencing sheds a light on the FLT3 gene mutations complexity in acute promyelocytic leukemia. Leukemia and Lymphoma, 2021, 62, 1219-1225.	1.3	5
62	Second Cancer Onset in Myeloproliferative Neoplasms: What, When, Why?. International Journal of Molecular Sciences, 2022, 23, 3177.	4.1	5
63	Inside the biology of early T-cell precursor acute lymphoblastic leukemia: the perfect trick. Biomarker Research, 2021, 9, 89.	6.8	5
64	Molecular cytogenetic study of instability at 1q21âˆ¼q32 in adult acute lymphoblastic leukemia. Cancer Genetics and Cytogenetics, 2005, 156, 54-58.	1.0	4
65	A novel t(3;9)(q21.2; p24.3) associated with SMARCA2 and ZNF148 genes rearrangement in myelodysplastic syndrome. Leukemia and Lymphoma, 2018, 59, 996-999.	1.3	4
66	RUNX1 gene alterations characterized by allelic preference in adult acute myeloid leukemia. Leukemia and Lymphoma, 2023, 64, 717-721.	1.3	4
67	FLT3 mutational analysis in acute myeloid leukemia: Advantages and pitfalls with different approaches. Blood Reviews, 2022, 54, 100928.	5.7	4
68	Downregulated expression of genes mapping on chromosome 9 in chronic myeloid leukemia cases bearing genomic deletions on der(9). Leukemia, 2009, 23, 813-816.	7.2	3
69	IRF4 expression is low in Philadelphia negative myeloproliferative neoplasms and is associated with a worse prognosis. Experimental Hematology and Oncology, 2021, 10, 58.	5.0	3
70	BCL6 corepressor gene dysregulation due to chromosomal translocation in acute myeloid leukemia: a new mechanism based on long non-coding RNA dislocation?. Leukemia and Lymphoma, 2014, 55, 2199-2201.	1.3	2
71	Can the New and Old Drugs Exert an Immunomodulatory Effect in Acute Myeloid Leukemia?. Cancers, 2021, 13, 4121.	3.7	2
72	Single-Cell Sequencing: Ariadneâ€™s Thread in the Maze of Acute Myeloid Leukemia. Diagnostics, 2022, 12, 996.	2.6	2

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73	Molecular cytogenetics characterization of a novel translocation involving chromosomes 17 and 19 in a Ph+ adult acute lymphoblastic leukaemia. British Journal of Haematology, 2002, 119, 488-491.	2.5	1
74	The double deceit generated by an insertion mechanism in chronic myeloid leukemia with t(9;9;22). Annals of Hematology, 2008, 87, 923-926.	1.8	1
75	Genomic and molecular switching in relapsed acute promyelocytic leukemia. Leukemia, 2008, 22, 1469-1472.	7.2	1
76	Centromeric fragment of chromosome 7 in atypical chronic myeloid leukemia with the SET binding protein 1 gene mutation. Leukemia and Lymphoma, 2015, 56, 826-828.	1.3	1
77	Droplet Digital PCR Analysis for Diagnosis and Minimal Residual Disease Monitoring in Adult Ph+ Acute Lymphoblastic Leukemia. Blood, 2015, 126, 4989-4989.	1.4	1
78	A novel translocation t(14;15)(q32;q24) bearing deletion on der(14) in Philadelphia-positive chronic myeloid leukemia. Haematologica, 2003, 88, 1076-7.	3.5	1
79	Molecular cytogenetic findings supporting the evidence of a biclonal origin in acute myeloid leukemia. Annals of Hematology, 2006, 85, 129-131.	1.8	0
80	A complex and cryptic intrachromosomal rearrangement generating the FIP1L1_PDGFRA in adult acute myeloid leukemia. Cancer Genetics, 2019, 239, 8-12.	0.4	0