

# Isocitrate dehydrogenase mutations in myeloid maligna

Leukemia

31, 272-281

DOI: [10.1038/leu.2016.275](https://doi.org/10.1038/leu.2016.275)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pan-mutant-IDH1 inhibitor BAY1436032 is highly effective against human IDH1 mutant acute myeloid leukemia in vivo. <i>Leukemia</i> , 2017, 31, 2020-2028.	7.2	97
2	Emerging therapies for acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2017, 10, 93.	17.0	119
3	Enasidenib in mutant IDH2 relapsed or refractory acute myeloid leukemia. <i>Blood</i> , 2017, 130, 722-731.	1.4	1,173
4	Isocitrate Dehydrogenase Mutation and (<i>R</i>)-2-Hydroxyglutarate: From Basic Discovery to Therapeutics Development. <i>Annual Review of Biochemistry</i> , 2017, 86, 305-331.	11.1	161
5	Targeted Therapy in AML: Something for Everyone?. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2017, 17, S2-S3.	0.4	0
6	Midostaurin, enasidenib, CPX-351, gemtuzumab ozogamicin, and venetoclax bring new hope to AML. <i>Blood</i> , 2017, 130, 2469-2474.	1.4	110
7	Targeting IDH1 and IDH2 Mutations in Acute Myeloid Leukemia. <i>Current Hematologic Malignancy Reports</i> , 2017, 12, 537-546.	2.3	31
8	State of the Art Update and Next Questions: Acute Myeloid Leukemia. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2017, 17, 703-709.	0.4	6
9	Clonal expansion and epigenetic reprogramming following deletion or amplification of mutant <i>IDH1</i>. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10743-10748.	7.1	109
10	Enasidenib: First Global Approval. <i>Drugs</i> , 2017, 77, 1705-1711.	10.9	120
11	IDH1 Mutation Is an Independent Inferior Prognostic Indicator for Patients with Myelodysplastic Syndromes. <i>Acta Haematologica</i> , 2017, 138, 143-151.	1.4	18
12	Allosteric inhibitor remotely modulates the conformation of the orthosteric pockets in mutant IDH2/R140Q. <i>Scientific Reports</i> , 2017, 7, 16458.	3.3	18
13	Metabolic regulation of hematopoietic and leukemic stem/progenitor cells under homeostatic and stress conditions. <i>International Journal of Hematology</i> , 2017, 106, 18-26.	1.6	35
14	Recent Progress in the Understanding of Angioimmunoblastic T-cell Lymphoma. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2017, 57, 109-119.	0.8	23
15	Novel Therapeutics in Acute Myeloid Leukemia. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2017, 37, 495-503.	3.8	12
16	Incorporating novel approaches in the management of MDS beyond conventional hypomethylating agents. <i>Hematology American Society of Hematology Education Program</i> , 2017, 2017, 460-469.	2.5	6
17	Targeting histone methyltransferase and demethylase in acute myeloid leukemia therapy. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 131-155.	2.0	45
18	Understanding the molecular basis of acute myeloid leukemias: where are we now?. <i>International Journal of Hematologic Oncology</i> , 2017, 6, 43-53.	1.6	9

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19	Clinical relevance of <i>IDH1/2</i> mutant allele burden during follow-up in acute myeloid leukemia. A study by the French ALFA group. <i>Haematologica</i> , 2018, 103, 822-829.	3.5	36
20	A Phase I Study of CPI-613 in Combination with High-Dose Cytarabine and Mitoxantrone for Relapsed or Refractory Acute Myeloid Leukemia. <i>Clinical Cancer Research</i> , 2018, 24, 2060-2073.	7.0	72
21	Genetic alterations crossing the borders of distinct hematopoietic lineages and solid tumors: Diagnostic challenges in the era of high-throughput sequencing in hemato-oncology. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 126, 64-79.	4.4	12
22	The role of metabolic enzymes in mesenchymal tumors and tumor syndromes: genetics, pathology, and molecular mechanisms. <i>Laboratory Investigation</i> , 2018, 98, 414-426.	3.7	22
23	Personalizing initial therapy in acute myeloid leukemia: incorporating novel agents into clinical practice. <i>Therapeutic Advances in Hematology</i> , 2018, 9, 109-121.	2.5	9
24	The emerging role and targetability of the TCA cycle in cancer metabolism. <i>Protein and Cell</i> , 2018, 9, 216-237.	11.0	345
25	Antineoplastic chemotherapy in Jehovah's Witness patients with acute myelogenous leukemia refusing blood products – a matched pair analysis. <i>Hematology</i> , 2018, 23, 324-329.	1.5	3
26	DNA-hypomethylating agents as epigenetic therapy before and after allogeneic hematopoietic stem cell transplantation in myelodysplastic syndromes and juvenile myelomonocytic leukemia. <i>Seminars in Cancer Biology</i> , 2018, 51, 68-79.	9.6	42
27	Current and Future Treatment Options for Myelodysplastic Syndromes: More Than Hypomethylating Agents and Lenalidomide?. <i>Drugs</i> , 2018, 78, 1873-1885.	10.9	1
28	Novel Agents for Acute Myeloid Leukemia. <i>Cancers</i> , 2018, 10, 429.	3.7	21
29	Genetic Hierarchy of Acute Myeloid Leukemia: From Clonal Hematopoiesis to Molecular Residual Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3850.	4.1	24
30	Bridging Cancer Biology with the Clinic: Comprehending and Exploiting IDH Gene Mutations in Gliomas. <i>Cancer Genomics and Proteomics</i> , 2018, 15, 421-436.	2.0	9
31	Incorporating newer agents in the treatment of acute myeloid leukemia. <i>Leukemia Research</i> , 2018, 74, 113-120.	0.8	9
32	How I treat the blast phase of Philadelphia chromosome–negative myeloproliferative neoplasms. <i>Blood</i> , 2018, 132, 2339-2350.	1.4	27
33	SOHO State of the Art Update and Next Questions: IDH Therapeutic Targeting in AML. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2018, 18, 769-772.	0.4	16
34	When to obtain genomic data in acute myeloid leukemia (AML) and which mutations matter. <i>Hematology American Society of Hematology Education Program</i> , 2018, 2018, 35-44.	2.5	22
35	New drugs for acute myeloid leukemia inspired by genomics and when to use them. <i>Hematology American Society of Hematology Education Program</i> , 2018, 2018, 45-50.	2.5	38
36	When to obtain genomic data in acute myeloid leukemia (AML) and which mutations matter. <i>Blood Advances</i> , 2018, 2, 3070-3080.	5.2	36

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37	Enasidenib for the treatment of acute myeloid leukemia. <i>Expert Review of Clinical Pharmacology</i> , 2018, 11, 755-760.	3.1	31
38	Solid papillary carcinoma with reverse polarity of the breast harbors specific morphologic, immunohistochemical and molecular profile in comparison with other benign or malignant papillary lesions of the breast: a comparative study of 9 additional cases. <i>Modern Pathology</i> , 2018, 31, 1367-1380.	5.5	42
39	Biological Role and Therapeutic Potential of IDH Mutations in Cancer. <i>Cancer Cell</i> , 2018, 34, 186-195.	16.8	234
40	Evolving Understanding of Chronic Myelomonocytic Leukemia: Implications for Future Treatment Paradigms. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2018, 18, 519-527.	0.4	0
41	The role of enasidenib in the treatment of mutant IDH2 acute myeloid leukemia. <i>Therapeutic Advances in Hematology</i> , 2018, 9, 163-173.	2.5	50
42	The Role for Myc in Coordinating Glycolysis, Oxidative Phosphorylation, Glutaminolysis, and Fatty Acid Metabolism in Normal and Neoplastic Tissues. <i>Frontiers in Endocrinology</i> , 2018, 9, 129.	3.5	142
43	Physician uncertainty aversion impacts medical decision making for older patients with acute myeloid leukemia: results of a national survey. <i>Haematologica</i> , 2018, 103, 2040-2048.	3.5	31
44	Multiple Ways to Detect IDH2 Mutations in Angioimmunoblastic T-Cell Lymphoma from Immunohistochemistry to Next-Generation Sequencing. <i>Journal of Molecular Diagnostics</i> , 2018, 20, 677-685.	2.8	21
45	Evolving Treatment Strategies for Elderly Leukemia Patients with IDH Mutations. <i>Cancers</i> , 2018, 10, 187.	3.7	27
46	Advances in the drug therapies of acute myeloid leukemia (except acute promyelocytic leukemia). <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 1009-1017.	4.3	7
47	Crystal structures of pan-IDH inhibitor AG-881 in complex with mutant human IDH1 and IDH2. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2912-2917.	2.1	51
48	Which are the most promising targets for minimal residual disease-directed therapy in acute myeloid leukemia prior to allogeneic stem cell transplant?. <i>Haematologica</i> , 2019, 104, 1521-1531.	3.5	18
49	Molecular landscape in adult acute myeloid leukemia: where we are where we going?. <i>Journal of Laboratory and Precision Medicine</i> , 0, 4, 17-17.	1.1	2
50	Novel therapies in low- and high-risk myelodysplastic syndrome. <i>Expert Review of Hematology</i> , 2019, 12, 893-908.	2.2	13
51	Acute Myeloid Leukemia: from Mutation Profiling to Treatment Decisions. <i>Current Hematologic Malignancy Reports</i> , 2019, 14, 386-394.	2.3	34
52	MRD in AML: The Role of New Techniques. <i>Frontiers in Oncology</i> , 2019, 9, 655.	2.8	93
53	The Induction of a Permissive Environment to Promote T Cell Immune Evasion in Acute Myeloid Leukemia: The Metabolic Perspective. <i>Frontiers in Oncology</i> , 2019, 9, 1166.	2.8	14
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56	<p>A personalized approach to acute myeloid leukemia therapy: current options</p>. Pharmacogenomics and Personalized Medicine, 2019, Volume 12, 167-179.	0.7	7
57	An evaluation of enasidenib for the treatment of acute myeloid leukemia. Expert Opinion on Pharmacotherapy, 2019, 20, 1935-1942.	1.8	5
58	Trisomy 8 in acute myeloid leukemia. Expert Review of Hematology, 2019, 12, 947-958.	2.2	27
59	IDH Inhibitors in AML. Clinical Lymphoma, Myeloma and Leukemia, 2019, 19, S7-S9.	0.4	2
60	Guadecitabine (SGI-110): an investigational drug for the treatment of myelodysplastic syndrome and acute myeloid leukemia. Expert Opinion on Investigational Drugs, 2019, 28, 835-849.	4.1	41
61	&lt;p&gt;Enasidenib in acute myeloid leukemia: clinical development and perspectives on treatment&lt;/p&gt;. Cancer Management and Research, 2019, Volume 11, 8073-8080.	1.9	10
62	IDH-1 deficiency induces growth defects and metabolic alterations in GSPD-1-deficient Caenorhabditis elegans. Journal of Molecular Medicine, 2019, 97, 385-396.	3.9	20
63	Mutant Isocitrate Dehydrogenase Inhibitors as Targeted Cancer Therapeutics. Frontiers in Oncology, 2019, 9, 417.	2.8	183
64	<p>Enasidenib in the treatment of relapsed/refractory acute myeloid leukemia: an evidence-based review of its place in therapy</p>. Core Evidence, 2019, Volume 14, 3-17.	4.7	20
65	The cancer driver genes IDH1/2, JARID1C/ KDM5C, and UTX/ KDM6A: crosstalk between histone demethylation and hypoxic reprogramming in cancer metabolism. Experimental and Molecular Medicine, 2019, 51, 1-17.	7.7	118
66	The Role of Forkhead Box Proteins in Acute Myeloid Leukemia. Cancers, 2019, 11, 865.	3.7	22
67	Recent Treatment Advances and the Role of Nanotechnology, Combination Products, and Immunotherapy in Changing the Therapeutic Landscape of Acute Myeloid Leukemia. Pharmaceutical Research, 2019, 36, 125.	3.5	46
68	Acute Myeloid Leukemia Mutations: Therapeutic Implications. International Journal of Molecular Sciences, 2019, 20, 2721.	4.1	17
69	Losing Sense of Self and Surroundings: Hematopoietic Stem Cell Aging and Leukemic Transformation. Trends in Molecular Medicine, 2019, 25, 494-515.	6.7	84
70	The assessment of minimal residual disease versus that of somatic mutations for predicting the outcome of acute myeloid leukemia patients. Cancer Cell International, 2019, 19, 83.	4.1	3
71	New Targeted Agents in Acute Myeloid Leukemia: New Hope on the Rise. International Journal of Molecular Sciences, 2019, 20, 1983.	4.1	68
72	Updates on Hematologic Malignancies in the Older Adult: Focus on Acute Myeloid Leukemia, Chronic Lymphocytic Leukemia, and Multiple Myeloma. Current Oncology Reports, 2019, 21, 35.	4.0	5

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73	Navigating metabolic pathways to enhance antitumour immunity and immunotherapy. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 425-441.	27.6	452
74	Mutant and Wild-Type Isocitrate Dehydrogenase 1 Share Enhancing Mechanisms Involving Distinct Tyrosine Kinase Cascades in Cancer. <i>Cancer Discovery</i> , 2019, 9, 756-777.	9.4	18
75	Consequences of IDH1/2 Mutations in Gliomas and an Assessment of Inhibitors Targeting Mutated IDH Proteins. <i>Molecules</i> , 2019, 24, 968.	3.8	72
76	Oncometabolites in cancer aggressiveness and tumour repopulation. <i>Biological Reviews</i> , 2019, 94, 1530-1546.	10.4	33
77	Sensitive Quantitative Proteomics of Human Hematopoietic Stem and Progenitor Cells by Data-independent Acquisition Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1454-1467.	3.8	43
78	Current Therapeutic Results and Treatment Options for Older Patients with Relapsed Acute Myeloid Leukemia. <i>Cancers</i> , 2019, 11, 224.	3.7	46
79	Pharmacokinetics, absorption, metabolism, and excretion of [14C]ivosidenib (AG-120) in healthy male subjects. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 83, 837-848.	2.3	15
80	Novel Therapies in Acute Myeloid Leukemia. <i>Seminars in Oncology Nursing</i> , 2019, 35, 150955.	1.5	9
81	Mutation-Driven Therapy in MDS. <i>Current Hematologic Malignancy Reports</i> , 2019, 14, 550-560.	2.3	4
82	Persistent IDH1/2 mutations in remission can predict relapse in patients with acute myeloid leukemia. <i>Haematologica</i> , 2019, 104, 305-311.	3.5	56
83	How I treat MDS after hypomethylating agent failure. <i>Blood</i> , 2019, 133, 521-529.	1.4	61
84	Reconciling environment-mediated metabolic heterogeneity with the oncogene-driven cancer paradigm in precision oncology. <i>Seminars in Cell and Developmental Biology</i> , 2020, 98, 202-210.	5.0	23
85	Emerging agents and regimens for treatment of relapsed and refractory acute myeloid leukemia. <i>Cancer Gene Therapy</i> , 2020, 27, 1-14.	4.6	10
86	Therapeutic Choice in Older Patients with Acute Myeloid Leukemia: A Matter of Fitness. <i>Cancers</i> , 2020, 12, 120.	3.7	39
87	Targeting Cell Metabolism as Cancer Therapy. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 285-308.	5.4	32
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89	The face of remission induction. <i>British Journal of Haematology</i> , 2020, 188, 101-115.	2.5	3
90	Detection and management of acute myeloid leukemia measurable residual disease. <i>Current Opinion in Hematology</i> , 2020, 27, 81-87.	2.5	6

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91	Epigenetic alterations and advancement of treatment in peripheral T-cell lymphoma. <i>Clinical Epigenetics</i> , 2020, 12, 169.	4.1	40
92	Isocitrate dehydrogenase variants in cancer – Cellular consequences and therapeutic opportunities. <i>Current Opinion in Chemical Biology</i> , 2020, 57, 122-134.	6.1	35
93	Myelodysplastic syndromes: 2021 update on diagnosis, risk stratification and management. <i>American Journal of Hematology</i> , 2020, 95, 1399-1420.	4.1	119
94	Gene of the month: IDH1. <i>Journal of Clinical Pathology</i> , 2020, 73, 611-615.	2.0	8
95	Outcome of patients with IDH1/2-mutated post-myeloproliferative neoplasm AML in the era of IDH inhibitors. <i>Blood Advances</i> , 2020, 4, 5336-5342.	5.2	37
96	Management of higher risk myelodysplastic syndromes after hypomethylating agents failure: are we about to exit the black hole?. <i>Expert Review of Hematology</i> , 2020, 13, 1131-1142.	2.2	8
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101	Myelodysplastic syndromes: a review of therapeutic progress over the past 10 years. <i>Expert Review of Anticancer Therapy</i> , 2020, 20, 465-482.	2.4	5
102	Advances in targeted therapy for acute myeloid leukemia. <i>Biomarker Research</i> , 2020, 8, 17.	6.8	41
103	The DNA methylation landscape of hematological malignancies: an update. <i>Molecular Oncology</i> , 2020, 14, 1616-1639.	4.6	26
104	Mitochondria: A Galaxy in the Hematopoietic and Leukemic Stem Cell Universe. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3928.	4.1	18
105	Electron transport chain activity is a predictor and target for venetoclax sensitivity in multiple myeloma. <i>Nature Communications</i> , 2020, 11, 1228.	12.8	62
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107	Epigenetic Modulation of Self-Renewal Capacity of Leukemic Stem Cells and Implications for Chemotherapy. <i>Epigenomes</i> , 2020, 4, 3.	1.8	9
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109	From Bench to Bedside and Beyond: Therapeutic Scenario in Acute Myeloid Leukemia. <i>Cancers</i> , 2020, 12, 357.	3.7	11
110	Driver mutations in acute myeloid leukemia. <i>Current Opinion in Hematology</i> , 2020, 27, 49-57.	2.5	44
111	Alterations of T-cell-mediated immunity in acute myeloid leukemia. <i>Oncogene</i> , 2020, 39, 3611-3619.	5.9	52
112	EV11 triggers metabolic reprogramming associated with leukemogenesis and increases sensitivity to L-asparaginase. <i>Haematologica</i> , 2020, 105, 2118-2129.	3.5	17
113	Evolving therapies for lower-risk myelodysplastic syndromes. <i>Annals of Hematology</i> , 2020, 99, 677-692.	1.8	16
114	Novel therapies in myelodysplastic syndromes. <i>Current Opinion in Hematology</i> , 2020, 27, 58-65.	2.5	4
115	Advances in non-intensive chemotherapy treatment options for adults diagnosed with acute myeloid leukemia. <i>Leukemia Research</i> , 2020, 91, 106339.	0.8	20
116	NAD- and NADPH-Contributing Enzymes as Therapeutic Targets in Cancer: An Overview. <i>Biomolecules</i> , 2020, 10, 358.	4.0	51
117	Design and synthesis of novel 2-arylbenzimidazoles as selective mutant isocitrate dehydrogenase 2 R140Q inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127070.	2.2	5
118	An Optimized Full-Length FLT3/CD3 Bispecific Antibody Demonstrates Potent Anti-leukemia Activity and Reversible Hematological Toxicity. <i>Molecular Therapy</i> , 2020, 28, 889-900.	8.2	25
119	Is the IDH Mutation a Good Target for Chondrosarcoma Treatment?. <i>Current Molecular Biology Reports</i> , 2020, 6, 1-9.	1.6	20
120	The PI3K-Akt-mTOR Signaling Pathway in Human Acute Myeloid Leukemia (AML) Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2907.	4.1	158
121	<i>IDH1</i> and <i>IDH2</i> mutations in lung adenocarcinomas: Evidences of subclonal evolution. <i>Cancer Medicine</i> , 2020, 9, 4386-4394.	2.8	18
122	Role of the mitochondrial stress response in human cancer progression. <i>Experimental Biology and Medicine</i> , 2020, 245, 861-878.	2.4	25
123	Individualizing Treatment for Newly Diagnosed Acute Myeloid Leukemia. <i>Current Treatment Options in Oncology</i> , 2020, 21, 34.	3.0	2
124	A chromatin perspective on metabolic and genotoxic impacts on hematopoietic stem and progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4031-4047.	5.4	7
125	A phase 1 study of azacitidine with high-dose cytarabine and mitoxantrone in high-risk acute myeloid leukemia. <i>Blood Advances</i> , 2020, 4, 599-606.	5.2	9
126	Identification of a selective inhibitor of IDH2/R140Q enzyme that induces cellular differentiation in leukemia cells. <i>Cell Communication and Signaling</i> , 2020, 18, 55.	6.5	9



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127	Clinical implications of recurrent gene mutations in acute myeloid leukemia. <i>Experimental Hematology and Oncology</i> , 2020, 9, 4.	5.0	47
128	The Role of Somatic Mutations in Acute Myeloid Leukemia Pathogenesis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a034975.	6.2	8
129	Ivosidenib or enasidenib combined with intensive chemotherapy in patients with newly diagnosed AML: a phase 1 study. <i>Blood</i> , 2021, 137, 1792-1803.	1.4	123
130	Effects of azacitidine in 93 patients with <i>IDH1/2</i> mutated acute myeloid leukemia/myelodysplastic syndromes: a French retrospective multicenter study. <i>Leukemia and Lymphoma</i> , 2021, 62, 438-445.	1.3	5
131	<i>IDH1</i> mutation contributes to myeloid dysplasia in mice by disturbing heme biosynthesis and erythropoiesis. <i>Blood</i> , 2021, 137, 945-958.	1.4	16
132	Mutant Isocitrate Dehydrogenase 1 Inhibitor Ivosidenib in Combination With Azacitidine for Newly Diagnosed Acute Myeloid Leukemia. <i>Journal of Clinical Oncology</i> , 2021, 39, 57-65.	1.6	118
133	Application of Next Generation Sequencing in Laboratory Medicine. <i>Annals of Laboratory Medicine</i> , 2021, 41, 25-43.	2.5	99
134	Acute Myeloid Leukemia and Allogeneic Hematopoietic Cell Transplant. , 2021, , 231-250.		0
135	Advances in the Treatment of Adult Relapsed/Refractory Acute Myeloid Leukemia. <i>Advances in Clinical Medicine</i> , 2021, 11, 24-33.	0.0	0
136	Chemotherapy Knowledge Base Management in the Era of Precision Oncology. <i>JCO Clinical Cancer Informatics</i> , 2021, 5, 30-35.	2.1	2
137	Recent Clinical Update of Acute Myeloid Leukemia: Focus on Epigenetic Therapies. <i>Journal of Korean Medical Science</i> , 2021, 36, e85.	2.5	6
138	Protein Function   Allosteric in Proteins: Canonical Models and New Insights. , 2021, , 27-43.		0
139	Molecular Targeted Therapy in Myelodysplastic Syndromes: New Options for Tailored Treatments. <i>Cancers</i> , 2021, 13, 784.	3.7	14
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141	Genetic characterization of acute myeloid leukemia patients with mutations in <i>IDH1/2</i> genes. <i>Leukemia Research</i> , 2021, 101, 106492.	0.8	0
142	Prognostic significance of concurrent gene mutations in intensively treated patients with <i>IDH</i> -mutated AML, an ALFA study. <i>Blood</i> , 2021, 137, 2827-2837.	1.4	36
143	Linking Metabolic Reprogramming, Plasticity and Tumor Progression. <i>Cancers</i> , 2021, 13, 762.	3.7	22
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145	Management of patients with higher-risk myelodysplastic syndromes after failure of hypomethylating agents: What is on the horizon?. <i>Best Practice and Research in Clinical Haematology</i> , 2021, 34, 101245.	1.7	8
146	R-2-hydroxyglutarate attenuates aerobic glycolysis in leukemia by targeting the FTO/m6A/PFKP/LDHB axis. <i>Molecular Cell</i> , 2021, 81, 922-939.e9.	9.7	157
147	Taking aim at IDH in fitter patients with AML. <i>Blood</i> , 2021, 137, 1706-1707.	1.4	0
148	Personalized patient care with aggressive hematological malignancies in non-responders to first-line treatment. <i>Expert Review of Precision Medicine and Drug Development</i> , 2021, 6, 203-215.	0.7	2
149	Epigenetics in a Spectrum of Myeloid Diseases and Its Exploitation for Therapy. <i>Cancers</i> , 2021, 13, 1746.	3.7	7
150	Assessing acquired resistance to IDH1 inhibitor therapy by full-exon IDH1 sequencing and structural modeling. <i>Journal of Physical Education and Sports Management</i> , 2021, 7, a006007.	1.2	10
151	R-2-HG in AML: friend or foe?. <i>Blood Science</i> , 2021, 3, 62-63.	0.9	0
152	IDH1 and IDH2 Mutations in Colorectal Cancers. <i>American Journal of Clinical Pathology</i> , 2021, 156, 777-786.	0.7	12
153	The Role of Metabolism in the Development of Personalized Therapies in Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2021, 11, 665291.	2.8	5
154	Targeted Therapeutic Approach Based on Understanding of Aberrant Molecular Pathways Leading to Leukemic Proliferation in Patients with Acute Myeloid Leukemia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5789.	4.1	6
155	Isocitrate Dehydrogenase 2 Inhibitors for the Treatment of Hematologic Malignancies: Advances and Future Opportunities. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 1113-1122.	2.4	0
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