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Proto-oncogenic role of mutant IDH2 in leukemia initiation and maintenance

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|-----|--|------|-----------|
| 161 | Cancer stem cells as a target population for drug discovery. 2014 , 6, 1567-85 | | 7 |
| 160 | Genetically modeled mice with mutations in mitochondrial metabolic enzymes for the study of cancer. <i>Frontiers in Oncology</i> , 2014 , 4, 200 | 5.3 | 14 |
| 159 | Potential mitochondrial isocitrate dehydrogenase R140Q mutant inhibitor from traditional Chinese medicine against cancers. 2014 , 2014, 364625 | | 5 |
| 158 | IDH mutations in liver cell plasticity and biliary cancer. 2014 , 13, 3176-82 | | 23 |
| 157 | Pre-leukemic evolution of hematopoietic stem cells: the importance of early mutations in leukemogenesis. <i>Leukemia</i> , 2014 , 28, 2276-82 | 10.7 | 86 |
| 156 | Epigenetics in the hematologic malignancies. 2014 , 99, 1772-83 | | 48 |
| 155 | Mutations in the isocitrate dehydrogenase 2 gene and IDH1 SNP 105C > T have a prognostic value in acute myeloid leukemia. 2014 , 2, 18 | | 22 |
| 154 | Metabolic requirements for the maintenance of self-renewing stem cells. 2014 , 15, 243-56 | | 646 |
| 153 | Development and classes of epigenetic drugs for cancer. 2014 , 455, 58-69 | | 65 |
| 152 | Connections between TET proteins and aberrant DNA modification in cancer. 2014 , 30, 464-74 | | 177 |
| 151 | Somatic alterations and dysregulation of epigenetic modifiers in cancers. 2014 , 455, 24-34 | | 25 |
| 150 | The role of mutation of metabolism-related genes in genomic hypermethylation. 2014 , 455, 16-23 | | 20 |
| 149 | Neue Entwicklungen in der Therapie maligner hämatologischer Erkrankungen. 2014 , 29, 316-323 | | |
| 148 | The driver and passenger effects of isocitrate dehydrogenase 1 and 2 mutations in oncogenesis and survival prolongation. 2014 , 1846, 326-41 | | 93 |
| 147 | The molecular basis of myeloid malignancies. 2014 , 90, 389-404 | | 13 |
| 146 | Functions of idh1 and its mutation in the regulation of developmental hematopoiesis in zebrafish. <i>Blood</i> , 2015 , 125, 2974-84 | 2.2 | 14 |
| 145 | Genetic dissection of leukemia-associated IDH1 and IDH2 mutants and D-2-hydroxyglutarate in <i>Drosophila</i> . <i>Blood</i> , 2015 , 125, 336-45 | 2.2 | 25 |

| | | | |
|-----|---|------|-----|
| 144 | Fish provide ID(H) eas on targeting leukemia. <i>Blood</i> , 2015 , 125, 2880-2 | 2.2 | 0 |
| 143 | Perspectives for therapeutic targeting of gene mutations in acute myeloid leukaemia with normal cytogenetics. 2015 , 170, 305-22 | | 28 |
| 142 | Functions of TET Proteins in Hematopoietic Transformation. 2015 , 38, 925-35 | | 15 |
| 141 | Mutant IDH1 Dysregulates the Differentiation of Mesenchymal Stem Cells in Association with Gene-Specific Histone Modifications to Cartilage- and Bone-Related Genes. 2015 , 10, e0131998 | | 43 |
| 140 | Clinical and biological implications of ancestral and non-ancestral IDH1 and IDH2 mutations in myeloid neoplasms. <i>Leukemia</i> , 2015 , 29, 2134-42 | 10.7 | 57 |
| 139 | Mitochondrial dependency in progression of acute myeloid leukemia. 2015 , 21, 41-8 | | 32 |
| 138 | Integration of Hedgehog and mutant FLT3 signaling in myeloid leukemia. 2015 , 7, 291ra96 | | 37 |
| 137 | Enigmas of IDH mutations in hematology/oncology. 2015 , 43, 685-97 | | 21 |
| 136 | Targeting DOT1L and HOX gene expression in MLL-rearranged leukemia and beyond. 2015 , 43, 673-84 | | 74 |
| 135 | Loss of c-Cbl E3 ubiquitin ligase activity enhances the development of myeloid leukemia in FLT3-ITD mutant mice. 2015 , 43, 191-206.e1 | | 8 |
| 134 | Mathematical analysis predicts imbalanced IDH1/2 expression associates with 2-HG-inactivating Epxygenation pathway in colorectal cancer. 2015 , 46, 1181-91 | | 12 |
| 133 | IDH2 and NPM1 Mutations Cooperate to Activate Hoxa9/Meis1 and Hypoxia Pathways in Acute Myeloid Leukemia. <i>Cancer Research</i> , 2015 , 75, 2005-16 | 10.1 | 35 |
| 132 | Clinical and molecular genetic characterization of myelofibrosis. 2015 , 22, 177-83 | | 12 |
| 131 | Mutational cooperativity linked to combinatorial epigenetic gain of function in acute myeloid leukemia. 2015 , 27, 502-15 | | 145 |
| 130 | New IDH1 mutant inhibitors for treatment of acute myeloid leukemia. 2015 , 11, 878-86 | | 117 |
| 129 | Dysregulated metabolism contributes to oncogenesis. 2015 , 35 Suppl, S129-S150 | | 189 |
| 128 | Aldehyde dehydrogenases and cancer stem cells. 2015 , 369, 50-7 | | 118 |
| 127 | TET proteins and 5-methylcytosine oxidation in hematological cancers. 2015 , 263, 6-21 | | 134 |

| | | | |
|-----|---|------|-----|
| 126 | IDH1 and IDH2 mutations as novel therapeutic targets: current perspectives. 2016 , 7, 171-80 | | 118 |
| 125 | Oxidative stress and hypoxia in normal and leukemic stem cells. 2016 , 44, 540-60 | | 61 |
| 124 | Enantiomer-specific and paracrine leukemogenicity of mutant IDH metabolite 2-hydroxyglutarate. <i>Leukemia</i> , 2016 , 30, 1708-15 | 10.7 | 31 |
| 123 | Mutational hierarchies in myelodysplastic syndromes dynamically adapt and evolve upon therapy response and failure. <i>Blood</i> , 2016 , 128, 1246-59 | 2.2 | 91 |
| 122 | MicroRNAs in Control of Stem Cells in Normal and Malignant Hematopoiesis. 2016 , 2, 183-196 | | 15 |
| 121 | Mutant IDH: a targetable driver of leukemic phenotypes linking metabolism, epigenetics and transcriptional regulation. 2016 , 8, 945-57 | | 17 |
| 120 | Oncometabolite D-2-Hydroxyglutarate Directly Induces Epithelial-Mesenchymal Transition and is Associated with Distant Metastasis in Colorectal Cancer. <i>Scientific Reports</i> , 2016 , 6, 36289 | 4.9 | 64 |
| 119 | Combination of RNA- and exome sequencing: Increasing specificity for identification of somatic point mutations and indels in acute leukaemia. 2016 , 51, 27-31 | | 3 |
| 118 | Risk factors for relapse after allogeneic transplantation in acute myeloid leukemia. 2016 , 101, 20-5 | | 40 |
| 117 | The oncometabolite R-2-hydroxyglutarate activates NF- κ B-dependent tumor-promoting stromal niche for acute myeloid leukemia cells. <i>Scientific Reports</i> , 2016 , 6, 32428 | 4.9 | 34 |
| 116 | Mutations in epigenetic modifiers in acute myeloid leukemia and their clinical utility. 2016 , 9, 447-69 | | 9 |
| 115 | IDH mutations in cancer and progress toward development of targeted therapeutics. 2016 , 27, 599-608 | | 269 |
| 114 | Molecular Pathways: Isocitrate Dehydrogenase Mutations in Cancer. 2016 , 22, 1837-42 | | 120 |
| 113 | Isocitrate dehydrogenase 1 mutations prime the all-trans retinoic acid myeloid differentiation pathway in acute myeloid leukemia. <i>Journal of Experimental Medicine</i> , 2016 , 213, 483-97 | 16.6 | 54 |
| 112 | Epigenetics - A Different Way of Looking at Genetics. <i>Epigenetics and Human Health</i> , 2016 , | | |
| 111 | Novel working hypothesis for pathogenesis of hematological malignancies: combination of mutations-induced cellular phenotypes determines the disease (cMIP-DD). 2016 , 159, 17-25 | | 4 |
| 110 | Patient-derived xenotransplants can recapitulate the genetic driver landscape of acute leukemias. <i>Leukemia</i> , 2017 , 31, 151-158 | 10.7 | 40 |
| 109 | A pharmacogenomic approach validates AG-221 as an effective and on-target therapy in IDH2 mutant AML. <i>Leukemia</i> , 2017 , 31, 1466-1470 | 10.7 | 19 |

| | | | |
|-----|--|-----|-----|
| 108 | Understanding the Intersections between Metabolism and Cancer Biology. 2017 , 168, 657-669 | | 971 |
| 107 | L-2-Hydroxyglutarate production arises from noncanonical enzyme function at acidic pH. 2017 , 13, 494-500 | | 129 |
| 106 | AG-221, a First-in-Class Therapy Targeting Acute Myeloid Leukemia Harboring Oncogenic Mutations. 2017 , 7, 478-493 | | 248 |
| 105 | Combination Targeted Therapy to Disrupt Aberrant Oncogenic Signaling and Reverse Epigenetic Dysfunction in - and -Mutant Acute Myeloid Leukemia. 2017 , 7, 494-505 | | 68 |
| 104 | Epigenetics in normal and malignant hematopoiesis: An overview and update 2017. 2017 , 108, 553-562 | | 35 |
| 103 | TET family dioxygenases and DNA demethylation in stem cells and cancers. 2017 , 49, e323 | | 82 |
| 102 | Enasidenib in mutant relapsed or refractory acute myeloid leukemia. <i>Blood</i> , 2017 , 130, 722-731 | 2.2 | 831 |
| 101 | Enasidenib induces acute myeloid leukemia cell differentiation to promote clinical response. <i>Blood</i> , 2017 , 130, 732-741 | 2.2 | 230 |
| 100 | RNA-Guided CRISPR-Cas9 System-Mediated Engineering of Acute Myeloid Leukemia Mutations. 2017 , 6, 243-248 | | 10 |
| 99 | The role of mutant IDH1 and IDH2 inhibitors in the treatment of acute myeloid leukemia. 2017 , 96, 1983-1991 | | 51 |
| 98 | Oncogenic Activities of IDH1/2 Mutations: From Epigenetics to Cellular Signaling. 2017 , 27, 738-752 | | 67 |
| 97 | Importance of R-CF π O Tetrel Bonding Interactions in Biological Systems. 2017 , 121, 5371-5376 | | 52 |
| 96 | Tumor-initiating cells of breast and prostate origin show alterations in the expression of genes related to iron metabolism. <i>Oncotarget</i> , 2017 , 8, 6376-6398 | 3.3 | 48 |
| 95 | Mutations Sensitize Acute Myeloid Leukemia to PARP Inhibition and This Is Reversed by IDH1/2-Mutant Inhibitors. 2018 , 24, 1705-1715 | | 53 |
| 94 | IDH1R132H Promotes Malignant Transformation of Benign Prostatic Epithelium by Dysregulating MicroRNAs: Involvement of IGF1R-AKT/STAT3 Signaling Pathway. 2018 , 20, 207-217 | | 9 |
| 93 | A non-cell-autonomous role for Pml in the maintenance of leukemia from the niche. 2018 , 9, 66 | | 14 |
| 92 | The role of IDH mutations in acute myeloid leukemia. 2018 , 14, 979-993 | | 57 |
| 91 | Isocitrate dehydrogenase 2 mutations correlate with leukemic transformation and are predicted by 2-hydroxyglutarate in myelodysplastic syndromes. 2018 , 144, 1037-1047 | | 14 |

| | | | |
|----|---|------|-----|
| 90 | Impact of DNA methylation programming on normal and pre-leukemic hematopoiesis. 2018 , 51, 89-100 | | 14 |
| 89 | Differentiation therapy revisited. 2018 , 18, 117-127 | | 190 |
| 88 | Enasidenib, a targeted inhibitor of mutant IDH2 proteins for treatment of relapsed or refractory acute myeloid leukemia. 2018 , 14, 23-40 | | 30 |
| 87 | Characterization of IDH1 p.R132H Mutant Clones Using Mutation-specific Antibody in Myeloid Neoplasms. 2018 , 42, 569-577 | | 5 |
| 86 | Epigenetics in myelodysplastic syndromes. 2018 , 51, 170-179 | | 33 |
| 85 | Enasidenib for the treatment of acute myeloid leukemia. 2018 , 11, 755-760 | | 25 |
| 84 | Mitochondria in cancer metabolism, an organelle whose time has come?. 2018 , 1870, 96-102 | | 22 |
| 83 | Acquired resistance to IDH inhibition through trans or cis dimer-interface mutations. 2018 , 559, 125-129 | | 150 |
| 82 | Clonal heterogeneity of acute myeloid leukemia treated with the IDH2 inhibitor enasidenib. 2018 , 24, 1167-1177 | | 102 |
| 81 | Metabolic traits of cancer stem cells. 2018 , 11, | | 51 |
| 80 | Evolving Treatment Strategies for Elderly Leukemia Patients with IDH Mutations. <i>Cancers</i> , 2018 , 10, | 6.6 | 18 |
| 79 | Loss-of-Function Mutations Derepress ASH1L to Increase Gene Expression and Promote Leukemogenesis. <i>Cancer Research</i> , 2018 , 78, 3510-3521 | 10.1 | 17 |
| 78 | Isocitrate dehydrogenase 1-mutated human gliomas depend on lactate and glutamate to alleviate metabolic stress. 2019 , 33, 557-571 | | 23 |
| 77 | Which are the most promising targets for minimal residual disease-directed therapy in acute myeloid leukemia prior to allogeneic stem cell transplant?. 2019 , 104, 1521-1531 | | 13 |
| 76 | Exploiting metabolic vulnerabilities for personalized therapy in acute myeloid leukemia. 2019 , 17, 57 | | 18 |
| 75 | Isocitrate dehydrogenase inhibitors in acute myeloid leukemia. 2019 , 7, 22 | | 47 |
| 74 | The functional mechanisms of mutations in myelodysplastic syndrome. <i>Leukemia</i> , 2019 , 33, 2779-2794 | 10.7 | 11 |
| 73 | The Interplay Between the Genetic and Immune Landscapes of AML: Mechanisms and Implications for Risk Stratification and Therapy. <i>Frontiers in Oncology</i> , 2019 , 9, 1162 | 5.3 | 11 |

| | | | |
|----|--|------|----|
| 72 | Targeting Metabolic Reprogramming in Acute Myeloid Leukemia. 2019 , 8, | | 24 |
| 71 | Characterization of cancer-associated IDH2 mutations that differ in tumorigenicity, chemosensitivity and 2-hydroxyglutarate production. <i>Oncotarget</i> , 2019 , 10, 2675-2692 | 3.3 | 7 |
| 70 | Warburg and Krebs and related effects in cancer. 2019 , 21, e4 | | 15 |
| 69 | Enasidenib in acute myeloid leukemia: clinical development and perspectives on treatment. 2019 , 11, 8073-8080 | | 8 |
| 68 | Control of the Antitumor Immune Response by Cancer Metabolism. 2019 , 8, | | 27 |
| 67 | Cancer-associated mutation and beyond: The emerging biology of isocitrate dehydrogenases in human disease. 2019 , 5, eaaw4543 | | 60 |
| 66 | -mutated cancers are sensitive to the green tea polyphenol epigallocatechin-3-gallate. <i>Cancer & Metabolism</i> , 2019 , 7, 4 | 5.4 | 10 |
| 65 | Vulnerabilities in IDH2 AML confer sensitivity to APL-like targeted combination therapy. 2019 , 29, 446-459 | | 20 |
| 64 | GATA1 epigenetic deregulation contributes to the development of AML with NPM1 and FLT3-ITD cooperating mutations. <i>Leukemia</i> , 2019 , 33, 1827-1832 | 10.7 | 8 |
| 63 | Functional and topographic effects on DNA methylation in IDH1/2 mutant cancers. <i>Scientific Reports</i> , 2019 , 9, 16830 | 4.9 | 15 |
| 62 | Molecular mechanisms for stemness maintenance of acute myeloid leukemia stem cells.. 2019 , 1, 77-83 | | 2 |
| 61 | Acute myeloid leukemia with isolated del(5q) is associated with IDH1/IDH2 mutations and better prognosis when compared to acute myeloid leukemia with complex karyotype including del(5q). <i>Modern Pathology</i> , 2020 , 33, 566-575 | 9.8 | 0 |
| 60 | Mathematical Modeling Provides Evidence for Niche Competition in Human AML and Serves as a Tool to Improve Risk Stratification. <i>Cancer Research</i> , 2020 , 80, 3983-3992 | 10.1 | 9 |
| 59 | Structure-based design, synthesis and bioactivity evaluation of macrocyclic inhibitors of mutant isocitrate dehydrogenase 2 (IDH2) displaying activity in acute myeloid leukemia cells. <i>European Journal of Medicinal Chemistry</i> , 2020 , 203, 112491 | 6.8 | 2 |
| 58 | Enasidenib for the treatment of relapsed or refractory acute myeloid leukemia with an isocitrate dehydrogenase 2 mutation. <i>Expert Review of Precision Medicine and Drug Development</i> , 2020 , 5, 421-428 | 1.6 | 2 |
| 57 | Mir142 loss unlocks IDH2-dependent leukemogenesis through antagonistic regulation of HOX genes. <i>Scientific Reports</i> , 2020 , 10, 19390 | 4.9 | 4 |
| 56 | Ivosidenib for the treatment of relapsed or refractory acute myeloid leukemia with an IDH1 mutation. <i>Expert Review of Precision Medicine and Drug Development</i> , 2020 , 5, 429-438 | 1.6 | 1 |
| 55 | Isocitrate Dehydrogenase Mutations in Myelodysplastic Syndromes and in Acute Myeloid Leukemias. <i>Cancers</i> , 2020 , 12, | 6.6 | 4 |

| | | | |
|----|---|------|----|
| 54 | Acute Myeloid Leukemia: From Biology to Clinical Practices Through Development and Pre-Clinical Therapeutics. <i>Frontiers in Oncology</i> , 2020 , 10, 599933 | 5.3 | 4 |
| 53 | IDH-Mutant Gliomas. 2020 , | | 3 |
| 52 | Specific patterns of H3K79 methylation influence genetic interaction of oncogenes in AML. <i>Blood Advances</i> , 2020 , 4, 3109-3122 | 7.8 | 1 |
| 51 | Dnmt3a loss and Idh2 neomorphic mutations mutually potentiate malignant hematopoiesis. <i>Blood</i> , 2020 , 135, 845-856 | 2.2 | 17 |
| 50 | 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 | 7.5 | 4 |
| 49 | Molecular Pathogenesis and Treatment of Myelodysplastic Syndromes. <i>Internal Medicine</i> , 2021 , 60, 15-23. | 1 | 1 |
| 48 | Epigenetic modifiers in normal and aberrant erythropoiesis. <i>Seminars in Hematology</i> , 2021 , 58, 15-26 | 4 | 1 |
| 47 | Non-genetic heterogeneity, altered cell fate and differentiation therapy. <i>EMBO Molecular Medicine</i> , 2021 , 13, e12670 | 12 | 7 |
| 46 | IDH1/IDH2 Inhibition in Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2021 , 11, 639387 | 5.3 | 11 |
| 45 | Mitochondrial metabolism supports resistance to IDH mutant inhibitors in acute myeloid leukemia. <i>Journal of Experimental Medicine</i> , 2021 , 218, | 16.6 | 10 |
| 44 | Genome-wide analysis of focal DNA hypermethylation in IDH-mutant AML samples. | | |
| 43 | Biological Roles and Therapeutic Applications of IDH2 Mutations in Human Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 644857 | 5.3 | 0 |
| 42 | Druggable targets meet oncogenic drivers: opportunities and limitations of target-based classification of tumors and the role of Molecular Tumor Boards. <i>ESMO Open</i> , 2021 , 6, 100040 | 6 | 7 |
| 41 | Mitochondrial metabolism as a target for acute myeloid leukemia treatment. <i>Cancer & Metabolism</i> , 2021 , 9, 17 | 5.4 | 10 |
| 40 | Hypoxia-Driven Oncometabolite L-2HG Maintains Stemness-Differentiation Balance and Facilitates Immune Evasion in Pancreatic Cancer. <i>Cancer Research</i> , 2021 , 81, 4001-4013 | 10.1 | 2 |
| 39 | IDH2 contributes to tumorigenesis and poor prognosis by regulating m6A RNA methylation in multiple myeloma. <i>Oncogene</i> , 2021 , 40, 5393-5402 | 9.2 | 1 |
| 38 | Mutations in Glioma: Double-Edged Sword in Clinical Applications?. <i>Biomedicines</i> , 2021 , 9, | 4.8 | 4 |
| 37 | Mutant Cooperates with a Fusion to Induce Early Immature Thymocyte Precursor ALL. <i>Cancer Research</i> , 2021 , 81, 5033-5046 | 10.1 | 1 |

| | | | |
|----|---|------|----|
| 36 | Immunometabolism: A 'Hot' Switch for 'Cold' Pediatric Solid Tumors. <i>Trends in Cancer</i> , 2021 , 7, 751-777 | 12.5 | 1 |
| 35 | MAIT cells numbers and frequencies in patients with acute myeloid leukemia at diagnosis: association with cytogenetic profile and gene mutations. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 1, 1 | 7.4 | 1 |
| 34 | Using mathematical models to improve risk-scoring in acute myeloid leukemia. <i>Chaos</i> , 2020 , 30, 123150 | 3.3 | 1 |
| 33 | Clinicopathologic Characterization of Hypocellular Acute Myeloid Leukemia (AML) Showed Fewer Genetic Abnormalities Involving Cell Proliferation and NPM1 When Compared With Nonhypocellular AML. <i>American Journal of Clinical Pathology</i> , 2021 , 155, 446-454 | 1.9 | 1 |
| 32 | JAK2/IDH-mutant-driven myeloproliferative neoplasm is sensitive to combined targeted inhibition. <i>Journal of Clinical Investigation</i> , 2018 , 128, 789-804 | 15.9 | 47 |
| 31 | Angioimmunoblastic T cell lymphoma: novel molecular insights by mutation profiling. <i>Oncotarget</i> , 2017 , 8, 17763-17770 | 3.3 | 29 |
| 30 | Novel Antigen Targets for Immunotherapy of Acute Myeloid Leukemia. <i>Current Drug Targets</i> , 2017 , 18, 296-303 | 3 | 12 |
| 29 | Untangling the Metabolic Reprogramming in Brain Cancer: Discovering Key Molecular Players Using Mass Spectrometry. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 1521-1534 | 3 | 10 |
| 28 | Enasidenib and ivosidenib in AML. <i>Minerva Medica</i> , 2020 , 111, 411-426 | 2.2 | 7 |
| 27 | Genetically engineered mouse models for drug development and preclinical trials. <i>Biomolecules and Therapeutics</i> , 2014 , 22, 267-74 | 4.2 | 17 |
| 26 | A systematic analysis of genetic interactions and their underlying biology in childhood cancer. <i>Communications Biology</i> , 2021 , 4, 1139 | 6.7 | 0 |
| 25 | Oxidative Stress and Cancer Epigenomics. <i>Epigenetics and Human Health</i> , 2016 , 223-243 | | |
| 24 | Combinatory therapy targeting mitochondrial oxidative phosphorylation improves efficacy of IDH mutant inhibitors in acute myeloid leukemia. | | |
| 23 | Hypoxia-driven oncometabolite L-2HG maintains stemness-differentiation balance and facilitates immune suppression in pancreatic cancer. | | |
| 22 | Cancer Stem Cells: Metabolic Characterization for Targeted Cancer Therapy. <i>Frontiers in Oncology</i> , 2021 , 11, 756888 | 5.3 | 4 |
| 21 | A comprehensive map of genetic interactions in childhood cancer reveals multiple underlying biological mechanisms. | | |
| 20 | [Isocitrate dehydrogenase mutation in acute myeloid leukemia]. <i>Zhonghua Xue Ye Xue Za Zhi = Zhonghua Xueyexue Zazhi</i> , 2015 , 36, 82-4 | 0.4 | |
| 19 | [Modification of DNA methylation in leukemia development]. <i>Zhonghua Xue Ye Xue Za Zhi = Zhonghua Xueyexue Zazhi</i> , 2016 , 37, 1003-1007 | 0.4 | |

| | | | |
|----|--|------|---|
| 18 | Beyond Isocitrate Dehydrogenase Mutations: Emerging Mechanisms for the Accumulation of the Oncometabolite 2-Hydroxyglutarate.. <i>Chemical Research in Toxicology</i> , 2022 , | 4 | 0 |
| 17 | Exploring the Metabolic Landscape of AML: From Haematopoietic Stem Cells to Myeloblasts and Leukaemic Stem Cells.. <i>Frontiers in Oncology</i> , 2022 , 12, 807266 | 5.3 | 1 |
| 16 | Focal disruption of DNA methylation dynamics at enhancers in IDH-mutant AML cells. <i>Leukemia</i> , 2021 , | 10.7 | 2 |
| 15 | Epigenetic enzyme mutations as mediators of anti-cancer drug resistance.. <i>Drug Resistance Updates</i> , 2022 , 61, 100821 | 23.2 | 2 |
| 14 | Inhibition of mutant IDH1 promotes cycling of acute myeloid leukemia stem cells. | | |
| 13 | Mouse Models of Frequently Mutated Genes in Acute Myeloid Leukemia.. <i>Cancers</i> , 2021 , 13, | 6.6 | 0 |
| 12 | Table_1.pdf. 2019 , | | |
| 11 | Gliomas: Genetic alterations, mechanisms of metastasis, recurrence, drug resistance, and recent trends in molecular therapeutic options.. <i>Biochemical Pharmacology</i> , 2022 , 115090 | 6 | 0 |
| 10 | IDH mutation and cancer stem cell. <i>Essays in Biochemistry</i> , | 7.6 | 1 |
| 9 | 2-Hydroxyglutarate in Acute Myeloid Leukemia: A Journey from Pathogenesis to Therapies. <i>Biomedicines</i> , 2022 , 10, 1359 | 4.8 | 0 |
| 8 | IDH2: A novel biomarker for environmental exposure in blood circulatory system disorders (Review). <i>Oncology Letters</i> , 2022 , 24, | 2.6 | 0 |
| 7 | Inhibition of mutant IDH1 promotes cycling of acute myeloid leukemia stem cells. 2022 , 40, 111182 | | 0 |
| 6 | Role of TET dioxygenases in the regulation of both normal and pathological hematopoiesis. 2022 , 41, | | 0 |
| 5 | Differentiation Therapy. 1-19 | | 0 |
| 4 | Inhibition of Lonp1 induces mitochondrial remodeling and autophagy suppression in cervical cancer cells. 2023 , 125, 151986 | | 1 |
| 3 | Measurable Residual Disease Monitoring by Locked Nucleic Acid Quantitative Real-Time PCR Assay for IDH1/2 Mutation in Adult AML. 2022 , 14, 6205 | | 1 |
| 2 | Transgenic IDH2R172K and IDH2R140Q zebrafish models recapitulated features of human acute myeloid leukemia. 2023 , 42, 1272-1281 | | 0 |
| 1 | Single-center, observational study of AML/MDS-EB with IDH1/2 mutations: genetic profile, immunophenotypes, mutational kinetics and outcomes. 2023 , 28, | | 0 |

