

Guo-Qiang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

205
papers

18,624
citations

34105

52
h-index

12597

132
g-index

211
all docs

211
docs citations

211
times ranked

32610
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 9.1 | 3,122 |
| 3 | Use of Arsenic Trioxide (As ₂ O ₃) in the Treatment of Acute Promyelocytic Leukemia (APL): II. Clinical Efficacy and Pharmacokinetics in Relapsed Patients. <i>Blood</i> , 1997, 89, 3354-3360. | 1.4 | 1,316 |
| 4 | Studies on Treatment of Acute Promyelocytic Leukemia With Arsenic Trioxide: Remission Induction, Follow-Up, and Molecular Monitoring in 11 Newly Diagnosed and 47 Relapsed Acute Promyelocytic Leukemia Patients. <i>Blood</i> , 1999, 94, 3315-3324. | 1.4 | 579 |
| 5 | <i>AML1-ETO</i> and <i>C-KIT</i> mutation/overexpression in t(8;21) leukemia: Implication in stepwise leukemogenesis and response to Gleevec. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1104-1109. | 7.1 | 272 |
| 6 | Apoptosis and Growth Inhibition in Malignant Lymphocytes After Treatment With Arsenic Trioxide at Clinically Achievable Concentrations. <i>Journal of the National Cancer Institute</i> , 1999, 91, 772-778. | 6.3 | 271 |
| 7 | Combined effect of all-trans retinoic acid and arsenic trioxide in acute promyelocytic leukemia cells in vitro and in vivo. <i>Blood</i> , 2001, 97, 264-269. | 1.4 | 210 |
| 8 | SUMOylation of the m6A-RNA methyltransferase METTL3 modulates its function. <i>Nucleic Acids Research</i> , 2018, 46, 5195-5208. | 14.5 | 210 |
| 9 | Arsenic trioxide, a therapeutic agent for APL. <i>Oncogene</i> , 2001, 20, 7146-7153. | 5.9 | 207 |
| 10 | Pathologically decreased miR-26a antagonizes apoptosis and facilitates carcinogenesis by targeting MTDH and EZH2 in breast cancer. <i>Carcinogenesis</i> , 2011, 32, 2-9. | 2.8 | 201 |
| 11 | Proliferation and differentiation of bone marrow stromal cells under hypoxic conditions. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 12-21. | 2.1 | 194 |
| 12 | Identification of a cellularly active SIRT6 allosteric activator. <i>Nature Chemical Biology</i> , 2018, 14, 1118-1126. | 8.0 | 193 |
| 13 | Cbx4 Governs HIF-1 α to Potentiate Angiogenesis of Hepatocellular Carcinoma by Its SUMO E3 Ligase Activity. <i>Cancer Cell</i> , 2014, 25, 118-131. | 16.8 | 180 |
| 14 | Adenanthin targets peroxiredoxin I and II to induce differentiation of leukemic cells. <i>Nature Chemical Biology</i> , 2012, 8, 486-493. | 8.0 | 176 |
| 15 | MiR-124 targets Slug to regulate epithelial-mesenchymal transition and metastasis of breast cancer. <i>Carcinogenesis</i> , 2013, 34, 713-722. | 2.8 | 176 |
| 16 | LILRB4 signalling in leukaemia cells mediates T cell suppression and tumour infiltration. <i>Nature</i> , 2018, 562, 605-609. | 27.8 | 172 |
| 17 | Leukemia Propagating Cells Rebuild an Evolving Niche in Response to Therapy. <i>Cancer Cell</i> , 2014, 25, 778-793. | 16.8 | 169 |
| 18 | MicroRNA-26b is underexpressed in human breast cancer and induces cell apoptosis by targeting SLC7A11. <i>FEBS Letters</i> , 2011, 585, 1363-1367. | 2.8 | 166 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | SUMO1 modification of PTEN regulates tumorigenesis by controlling its association with the plasma membrane. <i>Nature Communications</i> , 2012, 3, 911. | 12.8 | 160 |
| 20 | Targeted genes and interacting proteins of hypoxia inducible factor-1. <i>International Journal of Biochemistry and Molecular Biology</i> , 2012, 3, 165-78. | 0.1 | 138 |
| 21 | Hypoxia inducible factor-1 mediates expression of galectin-1: the potential role in migration/invasion of colorectal cancer cells. <i>Carcinogenesis</i> , 2010, 31, 1367-1375. | 2.8 | 123 |
| 22 | SENPI-Sirt3 Signaling Controls Mitochondrial Protein Acetylation and Metabolism. <i>Molecular Cell</i> , 2019, 75, 823-834.e5. | 9.7 | 119 |
| 23 | ASD v3.0: unraveling allosteric regulation with structural mechanisms and biological networks. <i>Nucleic Acids Research</i> , 2016, 44, D527-D535. | 14.5 | 116 |
| 24 | mTOR Signaling Pathway Is a Target for the Treatment of Colorectal Cancer. <i>Annals of Surgical Oncology</i> , 2009, 16, 2617-2628. | 1.5 | 114 |
| 25 | Immunodetection of human telomerase reverse-transcriptase (hTERT) re-appraised: nucleolin and telomerase cross paths. <i>Journal of Cell Science</i> , 2006, 119, 2797-2806. | 2.0 | 112 |
| 26 | Treatment of acute promyelocytic leukemia with arsenic compounds: In vitro and in vivo studies. <i>Seminars in Hematology</i> , 2001, 38, 26-36. | 3.4 | 109 |
| 27 | RIG-G as a key mediator of the antiproliferative activity of interferon-related pathways through enhancing p21 and p27 proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16448-16453. | 7.1 | 106 |
| 28 | Crucial role of copper in detection of metal-coordinating odorants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3492-3497. | 7.1 | 104 |
| 29 | Hypoxia-mimetic agents desferrioxamine and cobalt chloride induce leukemic cell apoptosis through different hypoxia-inducible factor-1 \pm independent mechanisms. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 67-77. | 4.9 | 96 |
| 30 | ASD v2.0: updated content and novel features focusing on allosteric regulation. <i>Nucleic Acids Research</i> , 2014, 42, D510-D516. | 14.5 | 96 |
| 31 | Protein kinase C δ mediates retinoic acid and phorbol myristate acetate-induced phospholipid scramblase 1 gene expression: its role in leukemic cell differentiation. <i>Blood</i> , 2004, 104, 3731-3738. | 1.4 | 94 |
| 32 | Prediction of Pancreatic Cancer by Serum Biomarkers Using Surface-Enhanced Laser Desorption/Ionization-Based Decision Tree Classification. <i>Oncology</i> , 2005, 68, 79-86. | 1.9 | 85 |
| 33 | Design, Synthesis, and Structure-Activity Relationship of <i>Trypanosoma brucei</i> Leucyl-tRNA Synthetase Inhibitors as Antitrypanosomal Agents. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1276-1287. | 6.4 | 79 |
| 34 | Peptidomimetic inhibitors of APC β -Asef interaction block colorectal cancer migration. <i>Nature Chemical Biology</i> , 2017, 13, 994-1001. | 8.0 | 79 |
| 35 | AlloFinder: a strategy for allosteric modulator discovery and allosterome analyses. <i>Nucleic Acids Research</i> , 2018, 46, W451-W458. | 14.5 | 79 |
| 36 | Proteomics-based identification of two novel direct targets of hypoxia-inducible factor-1 and their potential roles in migration/invasion of cancer cells. <i>Proteomics</i> , 2009, 9, 3901-3912. | 2.2 | 77 |

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|----|---|------|-----------|
| 37 | Methylated metabolites of arsenic trioxide are more potent than arsenic trioxide as apoptotic but not differentiation inducers in leukemia and lymphoma cells. <i>Cancer Research</i> , 2003, 63, 1853-9. | 0.9 | 76 |
| 38 | SUMO-specific protease 1 regulates the in vitro and in vivo growth of colon cancer cells with the upregulated expression of CDK inhibitors. <i>Cancer Letters</i> , 2011, 309, 78-84. | 7.2 | 75 |
| 39 | Expanding the use of arsenic trioxide: Leukemias and beyond. <i>Seminars in Hematology</i> , 2002, 39, 22-26. | 3.4 | 74 |
| 40 | Treatment of Acute Promyelocytic Leukemia with ATRA and As ₂ O ₃ : A Model of Molecular. <i>Cancer Biology and Therapy</i> , 2002, 1, 614-620. | 3.4 | 73 |
| 41 | Combined effects of As ₄ S ₄ and imatinib on chronic myeloid leukemia cells and BCR-ABL oncoprotein. <i>Blood</i> , 2004, 104, 4219-4225. | 1.4 | 73 |
| 42 | Differential protein expression in hypertrophic heart with and without hypertension in spontaneously hypertensive rats. <i>Proteomics</i> , 2006, 6, 1948-1956. | 2.2 | 72 |
| 43 | Sorting protein VPS33B regulates exosomal autocrine signaling to mediate hematopoiesis and leukemogenesis. <i>Journal of Clinical Investigation</i> , 2016, 126, 4537-4553. | 8.2 | 72 |
| 44 | Proteome-Scale Investigation of Protein Allosteric Regulation Perturbed by Somatic Mutations in 7,000 Cancer Genomes. <i>American Journal of Human Genetics</i> , 2017, 100, 5-20. | 6.2 | 72 |
| 45 | MicroRNA-494 inhibits breast cancer progression by directly targeting PAK1. <i>Cell Death and Disease</i> , 2018, 8, e2529-e2529. | 6.3 | 72 |
| 46 | Protein Kinase C δ in Apoptosis: A Brief Overview. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2012, 60, 361-372. | 2.3 | 70 |
| 47 | Induction of SENP1 in Endothelial Cells Contributes to Hypoxia-driven VEGF Expression and Angiogenesis. <i>Journal of Biological Chemistry</i> , 2010, 285, 36682-36688. | 3.4 | 69 |
| 48 | PTEN regulates collagen-induced platelet activation. <i>Blood</i> , 2010, 116, 2579-2581. | 1.4 | 63 |
| 49 | MiR-133b targets Sox9 to control pathogenesis and metastasis of breast cancer. <i>Cell Death and Disease</i> , 2018, 9, 752. | 6.3 | 63 |
| 50 | MUC1 induces acquired chemoresistance by upregulating ABCB1 in EGFR-dependent manner. <i>Cell Death and Disease</i> , 2017, 8, e2980-e2980. | 6.3 | 61 |
| 51 | Important Role of SUMOylation of Spliceosome Factors in Prostate Cancer Cells. <i>Journal of Proteome Research</i> , 2014, 13, 3571-3582. | 3.7 | 60 |
| 52 | Glucose limitation activates AMPK coupled SENP1-Sirt3 signalling in mitochondria for T cell memory development. <i>Nature Communications</i> , 2021, 12, 4371. | 12.8 | 55 |
| 53 | Nanomolar concentration of NSC606985, a camptothecin analog, induces leukemic-cell apoptosis through protein kinase C δ -dependent mechanisms. <i>Blood</i> , 2005, 105, 3714-3721. | 1.4 | 53 |
| 54 | Downregulation of ANP32B, a novel substrate of caspase-3, enhances caspase-3 activation and apoptosis induction in myeloid leukemic cells. <i>Carcinogenesis</i> , 2010, 31, 419-426. | 2.8 | 51 |

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|----|--|------|-----------|
| 55 | ANGPTL2/LILRB2 signaling promotes the propagation of lung cancer cells. <i>Oncotarget</i> , 2015, 6, 21004-21015. | 1.8 | 50 |
| 56 | c-Abl promotes osteoblast expansion by differentially regulating canonical and non-canonical BMP pathways and p16INK4a expression. <i>Nature Cell Biology</i> , 2012, 14, 727-737. | 10.3 | 49 |
| 57 | Metabolic Imaging Reveals a Unique Preference of Symmetric Cell Division and Homing of Leukemia-Initiating Cells in an Endosteal Niche. <i>Cell Metabolism</i> , 2019, 29, 950-965.e6. | 16.2 | 49 |
| 58 | FBXO22 degrades nuclear PTEN to promote tumorigenesis. <i>Nature Communications</i> , 2020, 11, 1720. | 12.8 | 49 |
| 59 | Interferon- γ -induced Expression of Phospholipid Scramblase 1 through STAT1 Requires the Sequential Activation of Protein Kinase C δ and JNK. <i>Journal of Biological Chemistry</i> , 2005, 280, 42707-42714. | 3.4 | 48 |
| 60 | Induction of tumor arrest and differentiation with prolonged survival by intermittent hypoxia in a mouse model of acute myeloid leukemia. <i>Blood</i> , 2006, 107, 698-707. | 1.4 | 48 |
| 61 | Synergistic Induction of Galectin-1 by CCAAT/Enhancer Binding Protein β and Hypoxia-inducible Factor 1α and Its Role in Differentiation of Acute Myeloid Leukemic Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 36808-36819. | 3.4 | 48 |
| 62 | Fev regulates hematopoietic stem cell development via ERK signaling. <i>Blood</i> , 2013, 122, 367-375. | 1.4 | 48 |
| 63 | Nuclear PTEN safeguards pre-mRNA splicing to link Golgi apparatus for its tumor suppressive role. <i>Nature Communications</i> , 2018, 9, 2392. | 12.8 | 47 |
| 64 | Pharicin B stabilizes retinoic acid receptor- α and presents synergistic differentiation induction with ATRA in myeloid leukemic cells. <i>Blood</i> , 2010, 116, 5289-5297. | 1.4 | 46 |
| 65 | PPM1K Regulates Hematopoiesis and Leukemogenesis through CDC20-Mediated Ubiquitination of MEIS1 and p21. <i>Cell Reports</i> , 2018, 23, 1461-1475. | 6.4 | 46 |
| 66 | MIR-630 suppresses breast cancer progression by targeting metadherin. <i>Oncotarget</i> , 2016, 7, 1288-1299. | 1.8 | 46 |
| 67 | Expression of Anion Exchanger 1 Sequesters p16 in the Cytoplasm in Gastric, Colonic Adenocarcinoma. <i>Neoplasia</i> , 2007, 9, 812-819. | 5.3 | 45 |
| 68 | Alterations of Mitochondrial Enzymes Contribute to Cardiac Hypertrophy before Hypertension Development in Spontaneously Hypertensive Rats. <i>Journal of Proteome Research</i> , 2009, 8, 2463-2475. | 3.7 | 44 |
| 69 | PTEN α and PTEN β promote carcinogenesis through WDR5 and H3K4 trimethylation. <i>Nature Cell Biology</i> , 2019, 21, 1436-1448. | 10.3 | 44 |
| 70 | Inhibition of DNA methyltransferase induces G2 cell cycle arrest and apoptosis in human colorectal cancer cells via inhibition of JAK2/STAT3/STAT5 signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3668-3679. | 3.6 | 43 |
| 71 | Design, synthesis, and biological evaluation of benzodiazepine-based SUMO-specific protease 1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6389-6392. | 2.2 | 43 |
| 72 | VHL deficiency augments anthracycline sensitivity of clear cell renal cell carcinomas by down-regulating ALDH2. <i>Nature Communications</i> , 2017, 8, 15337. | 12.8 | 43 |

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|----|---|------|-----------|
| 73 | Receptor-transporting Protein 1 Short (RTP1S) Mediates Translocation and Activation of Odorant Receptors by Acting through Multiple Steps. <i>Journal of Biological Chemistry</i> , 2012, 287, 22287-22294. | 3.4 | 42 |
| 74 | Paired immunoglobulin-like receptor B regulates platelet activation. <i>Blood</i> , 2014, 124, 2421-2430. | 1.4 | 42 |
| 75 | <sc>AIF</sc> inhibits tumor metastasis by protecting <sc>PTEN</sc> from oxidation. <i>EMBO Reports</i> , 2015, 16, 1563-1580. | 4.5 | 41 |
| 76 | Profilin 1 is essential for retention and metabolism of mouse hematopoietic stem cells in bone marrow. <i>Blood</i> , 2014, 123, 992-1001. | 1.4 | 40 |
| 77 | JAM3 maintains leukemia-initiating cell self-renewal through LRP5/AKT/ β -catenin/CCND1 signaling. <i>Journal of Clinical Investigation</i> , 2018, 128, 1737-1751. | 8.2 | 40 |
| 78 | Proteomic Identification of Common SCF Ubiquitin Ligase FBXO6-Interacting Glycoproteins in Three kinds of Cells. <i>Journal of Proteome Research</i> , 2012, 11, 1773-1781. | 3.7 | 39 |
| 79 | Comparative proteomic analysis of hypoxia-treated and untreated human leukemic U937 cells. <i>Proteomics</i> , 2006, 6, 3262-3274. | 2.2 | 38 |
| 80 | PML-RAR \pm enhances constitutive autophagic activity through inhibiting the Akt/mTOR pathway. <i>Autophagy</i> , 2011, 7, 1132-1144. | 9.1 | 37 |
| 81 | Vacuolar Protein Sorting 33B Is a Tumor Suppressor in Hepatocarcinogenesis. <i>Hepatology</i> , 2018, 68, 2239-2253. | 7.3 | 37 |
| 82 | Variant-type PML-RAR Δ fusion transcript in acute promyelocytic leukemia: Use of a cryptic coding sequence from intron 2 of the RAR Δ gene and identification of a new clinical subtype resistant to retinoic acid therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7640-7645. | 7.1 | 36 |
| 83 | Metalloproteinase-1 regulates invasion and migration of gastric cancer cells partially through integrin β 4. <i>Carcinogenesis</i> , 2013, 34, 2851-2860. | 2.8 | 35 |
| 84 | Subcellular Proteome Analysis of Camptothecin Analogue NSC606985-Treated Acute Myeloid Leukemic Cells. <i>Journal of Proteome Research</i> , 2007, 6, 3808-3818. | 3.7 | 34 |
| 85 | Protein Kinase C- γ mediates down-regulation of heterogeneous nuclear ribonucleoprotein K protein: involvement in apoptosis induction. <i>Experimental Cell Research</i> , 2009, 315, 3250-3258. | 2.6 | 34 |
| 86 | Pharicin A, a novel natural ent-kaurene diterpenoid, induces mitotic arrest and mitotic catastrophe of cancer cells by interfering with BubR1 function. <i>Cell Cycle</i> , 2010, 9, 2969-2979. | 2.6 | 34 |
| 87 | Vps33b regulates Vwf ϵ -positive vesicular trafficking in megakaryocytes. <i>Journal of Pathology</i> , 2016, 240, 108-119. | 4.5 | 34 |
| 88 | Targeting USP47 overcomes tyrosine kinase inhibitor resistance and eradicates leukemia stem/progenitor cells in chronic myelogenous leukemia. <i>Nature Communications</i> , 2021, 12, 51. | 12.8 | 34 |
| 89 | PLZF Mediates the PTEN/AKT/FOXO3a Signaling in Suppression of Prostate Tumorigenesis. <i>PLoS ONE</i> , 2013, 8, e77922. | 2.5 | 34 |
| 90 | Erlotinib overcomes paclitaxel-resistant cancer stem cells by blocking the EGFR-CREB/GR β -IL-6 axis in MUC1-positive cervical cancer. <i>Oncogenesis</i> , 2019, 8, 70. | 4.9 | 33 |

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|-----|--|------|-----------|
| 91 | Knockdown of metalloproteinase 1 inhibits NF- κ B signaling at different levels: The role of apoptosis induction of gastric cancer cells. <i>International Journal of Cancer</i> , 2012, 130, 2761-2770. | 5.1 | 31 |
| 92 | Hypoxia-inducible factor 1 α mediates the down-regulation of superoxide dismutase 2 in von Hippel-Lindau deficient renal clear cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 46-51. | 2.1 | 31 |
| 93 | AlloDriver: a method for the identification and analysis of cancer driver targets. <i>Nucleic Acids Research</i> , 2019, 47, W315-W321. | 14.5 | 31 |
| 94 | Leukemogenic AML1-ETO fusion protein upregulates expression of connexin 43: The role in AML1-ETO-induced growth arrest in leukemic cells. <i>Journal of Cellular Physiology</i> , 2006, 208, 594-601. | 4.1 | 30 |
| 95 | Schilancidilactones A and B: two novel tetranortriterpenoids with an unprecedented skeleton from <i>Schisandra lancifolia</i> . <i>Tetrahedron Letters</i> , 2009, 50, 5962-5964. | 1.4 | 30 |
| 96 | ODORactor: a web server for deciphering olfactory coding. <i>Bioinformatics</i> , 2011, 27, 2302-2303. | 4.1 | 30 |
| 97 | Molecular Mechanism of Z α 1-Antitrypsin Deficiency. <i>Journal of Biological Chemistry</i> , 2016, 291, 15674-15686. | 3.4 | 30 |
| 98 | KAT6A Acetylation of SMAD3 Regulates Myeloid-Derived Suppressor Cell Recruitment, Metastasis, and Immunotherapy in Triple-Negative Breast Cancer. <i>Advanced Science</i> , 2021, 8, e2100014. | 11.2 | 30 |
| 99 | A Novel Role for Pyruvate Kinase M2 as a Corepressor for P53 during the DNA Damage Response in Human Tumor Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 26138-26150. | 3.4 | 29 |
| 100 | Unraveling allosteric landscapes of allosterome with ASD. <i>Nucleic Acids Research</i> , 2020, 48, D394-D401. | 14.5 | 29 |
| 101 | Biomimetic, Hypoxia-Responsive Nanoparticles Overcome Residual Chemo-resistant Leukemic Cells with Co-Targeting of Therapy-Induced Bone Marrow Niches. <i>Advanced Functional Materials</i> , 2020, 30, 2000309. | 14.9 | 29 |
| 102 | c-Jun N-terminal kinase mediates AML1-ETO protein-induced connexin-43 expression. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 505-511. | 2.1 | 28 |
| 103 | <i>Lactobacillus paracasei</i> sh2020 induced antitumor immunity and synergized with anti-programmed cell death 1 to reduce tumor burden in mice. <i>Gut Microbes</i> , 2022, 14, 2046246. | 9.8 | 27 |
| 104 | Phosphorylation of β -actin by protein kinase C- δ in camptothecin analog-induced leukemic cell apoptosis. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 135-142. | 6.1 | 26 |
| 105 | Accumulation of hypoxia-inducible factor-1 α protein and its role in the differentiation of myeloid leukemic cells induced by all-trans retinoic acid. <i>Haematologica</i> , 2008, 93, 1480-1487. | 3.5 | 26 |
| 106 | Targeting peroxiredoxins against leukemia. <i>Experimental Cell Research</i> , 2013, 319, 170-176. | 2.6 | 26 |
| 107 | FAM122A, a new endogenous inhibitor of protein phosphatase 2A. <i>Oncotarget</i> , 2016, 7, 63887-63900. | 1.8 | 26 |
| 108 | Synergistic Induction of Inflammation by Bacterial Products Lipopolysaccharide and fMLP: An Important Microbial Pathogenic Mechanism. <i>Journal of Immunology</i> , 2009, 182, 2518-2524. | 0.8 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | Characterization of Sin1 Isoforms Reveals an mTOR-Dependent and Independent Function of Sin1 ^{Δ3} . <i>PLoS ONE</i> , 2015, 10, e0135017. | 2.5 | 24 |
| 110 | Cytotoxic ent-kaurane diterpenoids from <i>Isodon sinuolata</i> . <i>Phytochemistry</i> , 2009, 70, 1462-1466. | 2.9 | 23 |
| 111 | NDRG1 contributes to retinoic acid-induced differentiation of leukemic cells. <i>Leukemia Research</i> , 2009, 33, 1108-1113. | 0.8 | 23 |
| 112 | CD244 maintains the proliferation ability of leukemia initiating cells through SHP-2/p27 signaling. <i>Haematologica</i> , 2017, 102, 707-718. | 3.5 | 23 |
| 113 | Hypoxia regulates overall mRNA homeostasis by inducing Met1-linked linear ubiquitination of AGO2 in cancer cells. <i>Nature Communications</i> , 2021, 12, 5416. | 12.8 | 23 |
| 114 | Direct interaction and cooperative role of tumor suppressor p16 with band 3 (AE1). <i>FEBS Letters</i> , 2005, 579, 2105-2110. | 2.8 | 22 |
| 115 | Pyruvate kinase M2 phosphorylates H2AX and promotes genomic instability in human tumor cells. <i>Oncotarget</i> , 2017, 8, 109120-109134. | 1.8 | 22 |
| 116 | Mitotic Phosphorylation of SENP3 Regulates DeSUMOylation of Chromosome-Associated Proteins and Chromosome Stability. <i>Cancer Research</i> , 2018, 78, 2171-2178. | 0.9 | 22 |
| 117 | ent-Kaurane Diterpenoids from <i>Isodon pharicus</i> . <i>Journal of Natural Products</i> , 2009, 72, 988-993. | 3.0 | 21 |
| 118 | Oridonin stabilizes retinoic acid receptor alpha through ROS-activated NF- κ B signaling. <i>BMC Cancer</i> , 2015, 15, 248. | 2.6 | 21 |
| 119 | Downregulation of AIF by HIF-1 contributes to hypoxia-induced epithelial \rightarrow mesenchymal transition of colon cancer. <i>Carcinogenesis</i> , 2016, 37, 1079-1088. | 2.8 | 21 |
| 120 | DNMT1-maintained hypermethylation of Kr ^{Ä½} ppel-like factor 5 involves in the progression of clear cell renal cell carcinoma. <i>Cell Death and Disease</i> , 2017, 8, e2952-e2952. | 6.3 | 21 |
| 121 | Hyper-phosphorylation of β -enolase in hypertrophied left ventricle of spontaneously hypertensive rat. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 804-809. | 2.1 | 20 |
| 122 | Effector Caspases and Leukemia. <i>International Journal of Cell Biology</i> , 2011, 2011, 1-8. | 2.5 | 20 |
| 123 | Preventive and Therapeutic Effects of Adenanthin on Experimental Autoimmune Encephalomyelitis by Inhibiting NF- κ B Signaling. <i>Journal of Immunology</i> , 2013, 191, 2115-2125. | 0.8 | 20 |
| 124 | CD274 promotes cell cycle entry of leukemia-initiating cells through JNK/Cyclin D2 signaling. <i>Journal of Hematology and Oncology</i> , 2016, 9, 124. | 17.0 | 20 |
| 125 | NDRG1 is downregulated in the early apoptotic event induced by camptothecin analogs: The potential role in proteolytic activation of PKC β and apoptosis. <i>Proteomics</i> , 2009, 9, 2064-2075. | 2.2 | 19 |
| 126 | Hypoxia-HIF-1 β -C/EBP β /Runx1 signaling in leukemic cell differentiation. <i>Pathophysiology</i> , 2009, 16, 297-303. | 2.2 | 19 |

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|-----|--|-----|-----------|
| 127 | Sumoylation of hypoxia inducible factor-1 α and its significance in cancer. <i>Science China Life Sciences</i> , 2014, 57, 657-664. | 4.9 | 19 |
| 128 | Therapeutic efficacy of NSC606985, a novel camptothecin analog, in a mouse model of acute promyelocytic leukemia. <i>Leukemia Research</i> , 2007, 31, 1565-1574. | 0.8 | 17 |
| 129 | MicroRNA-630 inhibits breast cancer progression by directly targeting BMI1. <i>Experimental Cell Research</i> , 2018, 362, 378-385. | 2.6 | 17 |
| 130 | NSC606985, a novel camptothecin analog, induces apoptosis and growth arrest in prostate tumor cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2009, 63, 303-312. | 2.3 | 16 |
| 131 | NSC606985 induces apoptosis, exerts synergistic effects with cisplatin, and inhibits hypoxia-stabilized HIF-1 α protein in human ovarian cancer cells. <i>Cancer Letters</i> , 2009, 278, 139-144. | 7.2 | 16 |
| 132 | <i>ent</i> -Kaurane Diterpenoids from <i>Isodon scoparius</i> . <i>Journal of Natural Products</i> , 2009, 72, 125-129. | 3.0 | 16 |
| 133 | Synergistic mitosis-arresting effects of arsenic trioxide and paclitaxel on human malignant lymphocytes. <i>Chemico-Biological Interactions</i> , 2010, 183, 222-230. | 4.0 | 16 |
| 134 | Hypoxia-simulating agents and selective stimulation of arsenic trioxide-induced growth arrest and cell differentiation in acute promyelocytic leukemic cells. <i>Haematologica</i> , 2005, 90, 1607-16. | 3.5 | 16 |
| 135 | Aberrant Chromatin Remodeling by Retinoic Acid Receptor α Fusion Proteins Assessed at the Single-Cell Level. <i>Molecular Biology of the Cell</i> , 2007, 18, 3941-3951. | 2.1 | 15 |
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