

Guo-Qiang Chen

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201
papers

15,317
citations

48
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122
g-index

211
ext. papers

17,170
ext. citations

7.3
avg, IF

5.37
L-index

#	Paper	IF	Citations
201	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
200	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-546	10.2	2783
199	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	2.2	1170
198	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	2.2	518
197	AML1-ETO and C-KIT 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, 1104-9	11.5	253
196	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, 772-8	9.7	251
195	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, 264-9	2.2	186
194	Pathologically decreased miR-26a antagonizes apoptosis and facilitates carcinogenesis by targeting MTDH and EZH2 in breast cancer. <i>Carcinogenesis</i> , 2011 , 32, 2-9	4.6	183
193	Arsenic trioxide, a therapeutic agent for APL. <i>Oncogene</i> , 2001 , 20, 7146-53	9.2	179
192	Proliferation and differentiation of bone marrow stromal cells under hypoxic conditions. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 347, 12-21	3.4	172
191	MiR-124 targets Slug to regulate epithelial-mesenchymal transition and metastasis of breast cancer. <i>Carcinogenesis</i> , 2013 , 34, 713-22	4.6	162
190	Adenanthin targets peroxiredoxin I and II to induce differentiation of leukemic cells. <i>Nature Chemical Biology</i> , 2012 , 8, 486-93	11.7	145
189	Cbx4 governs HIF-1 α to potentiate angiogenesis of hepatocellular carcinoma by its SUMO E3 ligase activity. <i>Cancer Cell</i> , 2014 , 25, 118-31	24.3	139
188	SUMO1 modification of PTEN regulates tumorigenesis by controlling its association with the plasma membrane. <i>Nature Communications</i> , 2012 , 3, 911	17.4	138
187	MicroRNA-26b is underexpressed in human breast cancer and induces cell apoptosis by targeting SLC7A11. <i>FEBS Letters</i> , 2011 , 585, 1363-7	3.8	135
186	Targeted genes and interacting proteins of hypoxia inducible factor-1. <i>International Journal of Biochemistry and Molecular Biology</i> , 2012 , 3, 165-78	0.4	130
185	Leukemia propagating cells rebuild an evolving niche in response to therapy. <i>Cancer Cell</i> , 2014 , 25, 778-92	24.3	126

184	SUMOylation of the m6A-RNA methyltransferase METTL3 modulates its function. <i>Nucleic Acids Research</i> , 2018 , 46, 5195-5208	20.1	120
183	Identification of a cellularly active SIRT6 allosteric activator. <i>Nature Chemical Biology</i> , 2018 , 14, 1118-1126	6.7	116
182	Hypoxia inducible factor-1 mediates expression of galectin-1: the potential role in migration/invasion of colorectal cancer cells. <i>Carcinogenesis</i> , 2010 , 31, 1367-75	4.6	104
181	Immunodetection of human telomerase reverse-transcriptase (hTERT) re-appraised: nucleolin and telomerase cross paths. <i>Journal of Cell Science</i> , 2006 , 119, 2797-806	5.3	103
180	Treatment of acute promyelocytic leukemia with arsenic compounds: in vitro and in vivo studies. <i>Seminars in Hematology</i> , 2001 , 38, 26-36	4	101
179	mTOR signaling pathway is a target for the treatment of colorectal cancer. <i>Annals of Surgical Oncology</i> , 2009 , 16, 2617-28	3.1	100
178	ASD v3.0: unraveling allosteric regulation with structural mechanisms and biological networks. <i>Nucleic Acids Research</i> , 2016 , 44, D527-35	20.1	95
177	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, 16448-53	11.5	94
176	Protein kinase Cdelta mediates retinoic acid and phorbol myristate acetate-induced phospholipid scramblase 1 gene expression: its role in leukemic cell differentiation. <i>Blood</i> , 2004 , 104, 3731-8	2.2	92
175	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, 3492-7	11.5	89
174	Hypoxia-mimetic agents desferrioxamine and cobalt chloride induce leukemic cell apoptosis through different hypoxia-inducible factor-1alpha independent mechanisms. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006 , 11, 67-77	5.4	82
173	LILRB4 signalling in leukaemia cells mediates T cell suppression and tumour infiltration. <i>Nature</i> , 2018 , 562, 605-609	50.4	81
172	ASD v2.0: updated content and novel features focusing on allosteric regulation. <i>Nucleic Acids Research</i> , 2014 , 42, D510-6	20.1	80
171	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	10.1	73
170	Prediction of pancreatic cancer by serum biomarkers using surface-enhanced laser desorption/ionization-based decision tree classification. <i>Oncology</i> , 2005 , 68, 79-86	3.6	72
169	Differential protein expression in hypertrophic heart with and without hypertension in spontaneously hypertensive rats. <i>Proteomics</i> , 2006 , 6, 1948-56	4.8	69
168	Combined effects of As4S4 and imatinib on chronic myeloid leukemia cells and BCR-ABL oncoprotein. <i>Blood</i> , 2004 , 104, 4219-25	2.2	67
167	Design, synthesis, and structure-activity relationship of Trypanosoma brucei leucyl-tRNA synthetase inhibitors as antitrypanosomal agents. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 1276-87	8.3	65

166	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	9.9	64
165	Induction of SENP1 in endothelial cells contributes to hypoxia-driven VEGF expression and angiogenesis. <i>Journal of Biological Chemistry</i> , 2010 , 285, 36682-8	5.4	64
164	Expanding the use of arsenic trioxide: leukemias and beyond. <i>Seminars in Hematology</i> , 2002 , 39, 22-6	4	64
163	Peptidomimetic inhibitors of APC-Asef interaction block colorectal cancer migration. <i>Nature Chemical Biology</i> , 2017 , 13, 994-1001	11.7	62
162	Treatment of acute promyelocytic leukemia with ATRA and As2O3: a model of molecular target-based cancer therapy. <i>Cancer Biology and Therapy</i> , 2002 , 1, 614-20	4.6	62
161	MicroRNA-494 inhibits breast cancer progression by directly targeting PAK1. <i>Cell Death and Disease</i> , 2017 , 8, e2529	9.8	60
160	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	11	58
159	Protein kinase c in apoptosis: a brief overview. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2012 , 60, 361-72	4	58
158	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, 3901-12	4.8	56
157	AlloFinder: a strategy for allosteric modulator discovery and allosterome analyses. <i>Nucleic Acids Research</i> , 2018 , 46, W451-W458	20.1	55
156	PTEN regulates collagen-induced platelet activation. <i>Blood</i> , 2010 , 116, 2579-81	2.2	52
155	Important role of SUMOylation of Spliceosome factors in prostate cancer cells. <i>Journal of Proteome Research</i> , 2014 , 13, 3571-82	5.6	51
154	SENP1-Sirt3 Signaling Controls Mitochondrial Protein Acetylation and Metabolism. <i>Molecular Cell</i> , 2019 , 75, 823-834.e5	17.6	48
153	Nanomolar concentration of NSC606985, a camptothecin analog, induces leukemic-cell apoptosis through protein kinase Cdelta-dependent mechanisms. <i>Blood</i> , 2005 , 105, 3714-21	2.2	48
152	Sorting protein VPS33B regulates exosomal autocrine signaling to mediate hematopoiesis and leukemogenesis. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4537-4553	15.9	48
151	Pharicin B stabilizes retinoic acid receptor- β and presents synergistic differentiation induction with ATRA in myeloid leukemic cells. <i>Blood</i> , 2010 , 116, 5289-97	2.2	45
150	c-Abl promotes osteoblast expansion by differentially regulating canonical and non-canonical BMP pathways and p16INK4a expression. <i>Nature Cell Biology</i> , 2012 , 14, 727-37	23.4	44
149	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	2.2	43

148	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, 419-26	4.6	42
147	Interferon-alpha-induced expression of phospholipid scramblase 1 through STAT1 requires the sequential activation of protein kinase Cdelta and JNK. <i>Journal of Biological Chemistry</i> , 2005 , 280, 42707-14	5.4	42
146	MiR-133b targets Sox9 to control pathogenesis and metastasis of breast cancer. <i>Cell Death and Disease</i> , 2018 , 9, 752	9.8	41
145	MUC1 induces acquired chemoresistance by upregulating ABCB1 in EGFR-dependent manner. <i>Cell Death and Disease</i> , 2017 , 8, e2980	9.8	40
144	ANGPTL2/LILRB2 signaling promotes the propagation of lung cancer cells. <i>Oncotarget</i> , 2015 , 6, 21004-15	5.3	40
143	Alterations of mitochondrial enzymes contribute to cardiac hypertrophy before hypertension development in spontaneously hypertensive rats. <i>Journal of Proteome Research</i> , 2009 , 8, 2463-75	5.6	40
142	MiR-630 suppresses breast cancer progression by targeting metadherin. <i>Oncotarget</i> , 2016 , 7, 1288-99	3.3	40
141	Expression of anion exchanger 1 sequesters p16 in the cytoplasm in gastric and colonic adenocarcinoma. <i>Neoplasia</i> , 2007 , 9, 812-9	6.4	38
140	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, 3668-79	5.6	37
139	Synergistic induction of galectin-1 by CCAAT/enhancer binding protein alpha and hypoxia-inducible factor 1alpha and its role in differentiation of acute myeloid leukemic cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 36808-19	5.4	37
138	Proteomic identification of common SCF ubiquitin ligase FBXO6-interacting glycoproteins in three kinds of cells. <i>Journal of Proteome Research</i> , 2012 , 11, 1773-81	5.6	36
137	Paired immunoglobulin-like receptor B regulates platelet activation. <i>Blood</i> , 2014 , 124, 2421-30	2.2	35
136	AIF inhibits tumor metastasis by protecting PTEN from oxidation. <i>EMBO Reports</i> , 2015 , 16, 1563-80	6.5	34
135	Comparative proteomic analysis of hypoxia-treated and untreated human leukemic U937 cells. <i>Proteomics</i> , 2006 , 6, 3262-74	4.8	34
134	Nuclear PTEN safeguards pre-mRNA splicing to link Golgi apparatus for its tumor suppressive role. <i>Nature Communications</i> , 2018 , 9, 2392	17.4	33
133	PML-RAR α enhances constitutive autophagic activity through inhibiting the Akt/mTOR pathway. <i>Autophagy</i> , 2011 , 7, 1132-44	10.2	33
132	Subcellular proteome analysis of camptothecin analogue NSC606985-treated acute myeloid leukemic cells. <i>Journal of Proteome Research</i> , 2007 , 6, 3808-18	5.6	33
131	Profilin 1 is essential for retention and metabolism of mouse hematopoietic stem cells in bone marrow. <i>Blood</i> , 2014 , 123, 992-1001	2.2	32

130	Fev regulates hematopoietic stem cell development via ERK signaling. <i>Blood</i> , 2013 , 122, 367-75	2.2	32
129	Design, synthesis, and biological evaluation of benzodiazepine-based SUMO-specific protease 1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6389-92	2.9	32
128	Protein kinase C-delta mediates down-regulation of heterogeneous nuclear ribonucleoprotein K protein: involvement in apoptosis induction. <i>Experimental Cell Research</i> , 2009 , 315, 3250-8	4.2	32
127	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, 22287-94	5.4	32
126	Variant-type PML-RAR(alpha) fusion transcript in acute promyelocytic leukemia: use of a cryptic coding sequence from intron 2 of the RAR(alpha) 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, 7640-5	11.5	32
125	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, 2897-907	4.7	31
124	VHL deficiency augments anthracycline sensitivity of clear cell renal cell carcinomas by down-regulating ALDH2. <i>Nature Communications</i> , 2017 , 8, 15337	17.4	30
123	Metallopanstimulin-1 regulates invasion and migration of gastric cancer cells partially through integrin β . <i>Carcinogenesis</i> , 2013 , 34, 2851-60	4.6	28
122	Leukemogenic AML1-ETO fusion protein upregulates expression of connexin 43: the role in AML 1-ETO-induced growth arrest in leukemic cells. <i>Journal of Cellular Physiology</i> , 2006 , 208, 594-601	7	28
121	PLZF mediates the PTEN/AKT/FOXO3a signaling in suppression of prostate tumorigenesis. <i>PLoS ONE</i> , 2013 , 8, e77922	3.7	28
120	Schilancidilactones A and B: two novel tetranortriterpenoids with an unprecedented skeleton from Schisandra lancifolia. <i>Tetrahedron Letters</i> , 2009 , 50, 5962-5964	2	27
119	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	24.6	27
118	c-Jun N-terminal kinase mediates AML1-ETO protein-induced connexin-43 expression. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 356, 505-11	3.4	26
117	Accumulation of hypoxia-inducible factor-1 alpha protein and its role in the differentiation of myeloid leukemic cells induced by all-trans retinoic acid. <i>Haematologica</i> , 2008 , 93, 1480-7	6.6	25
116	Targeting peroxiredoxins against leukemia. <i>Experimental Cell Research</i> , 2013 , 319, 170-6	4.2	24
115	Knockdown of metallopanstimulin-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, 2761-70	7.5	24
114	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	3.4	23
113	ODORactor: a web server for deciphering olfactory coding. <i>Bioinformatics</i> , 2011 , 27, 2302-3	7.2	23

112	AlloDriver: a method for the identification and analysis of cancer driver targets. <i>Nucleic Acids Research</i> , 2019 , 47, W315-W321	20.1	22
111	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	5.4	22
110	Cytotoxic ent-kaurane diterpenoids from <i>Isodon sinuolata</i> . <i>Phytochemistry</i> , 2009 , 70, 1462-6	4	22
109	PPM1K Regulates Hematopoiesis and Leukemogenesis through CDC20-Mediated Ubiquitination of MEIS1 and p21. <i>Cell Reports</i> , 2018 , 23, 1461-1475	10.6	21
108	Synergistic induction of inflammation by bacterial products lipopolysaccharide and fMLP: an important microbial pathogenic mechanism. <i>Journal of Immunology</i> , 2009 , 182, 2518-24	5.3	21
107	Direct interaction and cooperative role of tumor suppressor p16 with band 3 (AE1). <i>FEBS Letters</i> , 2005 , 579, 2105-10	3.8	21
106	Molecular Mechanism of Z α -Antitrypsin Deficiency. <i>Journal of Biological Chemistry</i> , 2016 , 291, 15674-86	5.4	21
105	PTEN and PTEN promote carcinogenesis through WDR5 and H3K4 trimethylation. <i>Nature Cell Biology</i> , 2019 , 21, 1436-1448	23.4	21
104	NDRG1 contributes to retinoic acid-induced differentiation of leukemic cells. <i>Leukemia Research</i> , 2009 , 33, 1108-13	2.7	20
103	Phosphorylation of beta-actin by protein kinase C-delta in camptothecin analog-induced leukemic cell apoptosis. <i>Acta Pharmacologica Sinica</i> , 2008 , 29, 135-42	8	20
102	Hyper-phosphorylation of alpha-enolase in hypertrophied left ventricle of spontaneously hypertensive rat. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 371, 804-9	3.4	19
101	FBXO22 degrades nuclear PTEN to promote tumorigenesis. <i>Nature Communications</i> , 2020 , 11, 1720	17.4	18
100	Pyruvate kinase M2 phosphorylates H2AX and promotes genomic instability in human tumor cells. <i>Oncotarget</i> , 2017 , 8, 109120-109134	3.3	18
99	Vacuolar Protein Sorting 33B Is a Tumor Suppressor in Hepatocarcinogenesis. <i>Hepatology</i> , 2018 , 68, 2239-2253	18	18
98	NDRG1 is down-regulated in the early apoptotic event induced by camptothecin analogs: the potential role in proteolytic activation of PKC delta and apoptosis. <i>Proteomics</i> , 2009 , 9, 2064-75	4.8	18
97	ent-Kaurane diterpenoids from <i>Isodon pharicus</i> . <i>Journal of Natural Products</i> , 2009 , 72, 988-93	4.9	18
96	Vps33b regulates Vwf-positive vesicular trafficking in megakaryocytes. <i>Journal of Pathology</i> , 2016 , 240, 108-19	9.4	18
95	Erlotinib overcomes paclitaxel-resistant cancer stem cells by blocking the EGFR-CREB/GR β L-6 axis in MUC1-positive cervical cancer. <i>Oncogenesis</i> , 2019 , 8, 70	6.6	18

94	Downregulation of AIF by HIF-1 contributes to hypoxia-induced epithelial-mesenchymal transition of colon cancer. <i>Carcinogenesis</i> , 2016 , 37, 1079-1088	4.6	17
93	Characterization of Sin1 Isoforms Reveals an mTOR-Dependent and Independent Function of Sin1□ <i>PLoS ONE</i> , 2015 , 10, e0135017	3.7	17
92	Preventive and therapeutic effects of adenanthin on experimental autoimmune encephalomyelitis by inhibiting NF- B signaling. <i>Journal of Immunology</i> , 2013 , 191, 2115-25	5.3	17
91	Hypoxia-HIF-1alpha-C/EBPalpha/Runx1 signaling in leukemic cell differentiation. <i>Pathophysiology</i> , 2009 , 16, 297-303	1.8	17
90	JAM3 maintains leukemia-initiating cell self-renewal through LRP5/AKT/βcatenin/CCND1 signaling. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1737-1751	15.9	17
89	Oridonin stabilizes retinoic acid receptor alpha through ROS-activated NF- B signaling. <i>BMC Cancer</i> , 2015 , 15, 248	4.8	16
88	Unraveling allosteric landscapes of allosterome with ASD. <i>Nucleic Acids Research</i> , 2020 , 48, D394-D401	20.1	16
87	NSC606985, a novel camptothecin analog, induces apoptosis and growth arrest in prostate tumor cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2009 , 63, 303-12	3.5	16
86	Therapeutic efficacy of NSC606985, a novel camptothecin analog, in a mouse model of acute promyelocytic leukemia. <i>Leukemia Research</i> , 2007 , 31, 1565-74	2.7	16
85	CD244 maintains the proliferation ability of leukemia initiating cells through SHP-2/p27 signaling. <i>Haematologica</i> , 2017 , 102, 707-718	6.6	15
84	CD274 promotes cell cycle entry of leukemia-initiating cells through JNK/Cyclin D2 signaling. <i>Journal of Hematology and Oncology</i> , 2016 , 9, 124	22.4	15
83	NSC606985 induces apoptosis, exerts synergistic effects with cisplatin, and inhibits hypoxia-stabilized HIF-1alpha protein in human ovarian cancer cells. <i>Cancer Letters</i> , 2009 , 278, 139-144	9.9	15
82	MicroRNA-630 inhibits breast cancer progression by directly targeting BMI1. <i>Experimental Cell Research</i> , 2018 , 362, 378-385	4.2	15
81	Targeting USP47 overcomes tyrosine kinase inhibitor resistance and eradicates leukemia stem/progenitor cells in chronic myelogenous leukemia. <i>Nature Communications</i> , 2021 , 12, 51	17.4	15
80	Sumoylation of hypoxia inducible factor-1□and its significance in cancer. <i>Science China Life Sciences</i> , 2014 , 57, 657-64	8.5	14
79	Synergistic mitosis-arresting effects of arsenic trioxide and paclitaxel on human malignant lymphocytes. <i>Chemico-Biological Interactions</i> , 2010 , 183, 222-30	5	14
78	Aberrant chromatin remodeling by retinoic acid receptor alpha fusion proteins assessed at the single-cell level. <i>Molecular Biology of the Cell</i> , 2007 , 18, 3941-51	3.5	14
77	FAM122A, a new endogenous inhibitor of protein phosphatase 2A. <i>Oncotarget</i> , 2016 , 7, 63887-63900	3.3	14

76	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	6.6	14
75	DNMT1-maintained hypermethylation of Krüppel-like factor 5 involves in the progression of clear cell renal cell carcinoma. <i>Cell Death and Disease</i> , 2017 , 8, e2952	9.8	13
74	Differential protein expression in heart in UT-B null mice with cardiac conduction defects. <i>Proteomics</i> , 2009 , 9, 504-11	4.8	13
73	Effector caspases and leukemia. <i>International Journal of Cell Biology</i> , 2011 , 2011, 738301	2.6	13
72	ent-Kaurane diterpenoids from <i>Isodon scoparius</i> . <i>Journal of Natural Products</i> , 2009 , 72, 125-9	4.9	13
71	Biomimetic, Hypoxia-Responsive Nanoparticles Overcome Residual Chemoresistant Leukemic Cells with Co-Targeting of Therapy-Induced Bone Marrow Niches. <i>Advanced Functional Materials</i> , 2020 , 30, 2000309	15.6	13
70	Polycomb chromobox 4 enhances migration and pulmonary metastasis of hepatocellular carcinoma cell line MHCC97L. <i>Science China Life Sciences</i> , 2014 , 57, 610-7	8.5	12
69	Treatment of Acute Promyelocytic Leukemia with Arsenic Trioxide: Clinical and Basic Studies. <i>Leukemia and Lymphoma</i> , 2001 , 42, 1265-1273	1.9	12
68	Mitotic Phosphorylation of SENP3 Regulates DeSUMOylation of Chromosome-Associated Proteins and Chromosome Stability. <i>Cancer Research</i> , 2018 , 78, 2171-2178	10.1	11
67	Protein kinase Cdelta stimulates proteasome-dependent degradation of C/EBPalpha during apoptosis induction of leukemic cells. <i>PLoS ONE</i> , 2009 , 4, e6552	3.7	11
66	PU.1, a novel caspase-3 substrate, partially contributes to chemotherapeutic agents-induced apoptosis in leukemic cells. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 382, 508-13	3.4	11
65	Four New Nortriterpenoids from <i>Schisandra lancifolia</i> . <i>Helvetica Chimica Acta</i> , 2010 , 93, 1975-1982	2	11
64	Leukemia, an effective model for chemical biology and target therapy. <i>Acta Pharmacologica Sinica</i> , 2007 , 28, 1316-24	8	11
63	Ikaros is degraded by proteasome-dependent mechanism in the early phase of apoptosis induction. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 406, 430-4	3.4	10
62	Leukemogenic AML1-ETO fusion protein increases carcinogen-DNA adduct formation with upregulated expression of cytochrome P450-1A1 gene. <i>Experimental Hematology</i> , 2007 , 35, 1249-55	3.1	10
61	Metavanadate suppresses desferrioxamine-induced leukemic cell differentiation with reduced hypoxia-inducible factor-1alpha protein. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 332, 1140-5	3.4	10
60	Microtubule-associated protein 1 light chain 3 interacts with and contributes to growth inhibiting effect of PML. <i>PLoS ONE</i> , 2014 , 9, e113089	3.7	9
59	MDM4 overexpression contributes to synoviocyte proliferation in patients with rheumatoid arthritis. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 401, 417-21	3.4	8

58	Antiproliferative diterpenoids from the leaves of <i>Isodon rubescens</i> . <i>Planta Medica</i> , 2011 , 77, 169-74	3.1	8
57	Coiled-coil domain of PML is essential for the aberrant dynamics of PML-RAR α , resulting in sequestration and decreased mobility of SMRT. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 365, 258-65	3.4	8
56	Effect of block deletions in the C-terminus on the functional expression of human anion exchanger 1 (AE1). <i>Molecular Membrane Biology</i> , 2007 , 24, 65-73	3.4	8
55	Anion exchanger 2 mediates the action of arsenic trioxide. <i>British Journal of Haematology</i> , 2006 , 134, 491-9	4.5	8
54	SUMO-Specific Protease 1 Is Critical for Myeloid-Derived Suppressor Cell Development and Function. <i>Cancer Research</i> , 2019 , 79, 3891-3902	10.1	7
53	Natural products against hematological malignancies and identification of their targets. <i>Science China Life Sciences</i> , 2015 , 58, 1191-201	8.5	7
52	ent-Jungermannone C Triggers Reactive Oxygen Species-Dependent Cell Differentiation in Leukemia Cells. <i>Journal of Natural Products</i> , 2018 , 81, 298-306	4.9	7
51	Phosphoproteomics study on the activated PKC β -induced cell death. <i>Journal of Proteome Research</i> , 2013 , 12, 4280-301	5.6	7
50	Apoptosis-inducing factor is a target gene of C/EBP β and participates in adipocyte differentiation. <i>FEBS Letters</i> , 2011 , 585, 2307-12	3.8	7
49	Inhibition of Snail Family Transcriptional Repressor 2 (SNAIL2) Enhances Multidrug Resistance of Hepatocellular Carcinoma Cells. <i>PLoS ONE</i> , 2016 , 11, e0164752	3.7	7
48	Glucose limitation activates AMPK coupled SENP1-Sirt3 signalling in mitochondria for T cell memory development. <i>Nature Communications</i> , 2021 , 12, 4371	17.4	7
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