Qing-Bai She

List of Publications by Year
in descending order

64 papers	6,737 citations	147801 31 h-index	168389 53 g-index
66 all docs	66 docs citations	66 times ranked	10476 citing authors

#	Article	IF	Citations
1	mTOR Inhibition Induces Upstream Receptor Tyrosine Kinase Signaling and Activates Akt. Cancer Research, 2006, 66, 1500-1508.	0.9	2,329
2	Poor prognosis in carcinoma is associated with a gene expression signature of aberrant PTEN tumor suppressor pathway activity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7564-7569.	7.1	445
3	The BAD protein integrates survival signaling by EGFR/MAPK and PI3K/Akt kinase pathways in PTEN-deficient tumor cells. Cancer Cell, 2005, 8, 287-297.	16.8	372
4	4E-BP1 Is a Key Effector of the Oncogenic Activation of the AKT and ERK Signaling Pathways that Integrates Their Function in Tumors. Cancer Cell, 2010, 18, 39-51.	16.8	360
5	ERKs and p38 Kinase Phosphorylate p53 Protein at Serine 15 in Response to UV Radiation. Journal of Biological Chemistry, 2000, 275, 20444-20449.	3.4	316
6	Breast Tumor Cells with PI3K Mutation or HER2 Amplification Are Selectively Addicted to Akt Signaling. PLoS ONE, 2008, 3, e3065.	2.5	248
7	Resistance to gefitinib in PTEN-null HER-overexpressing tumor cells can be overcome through restoration of PTEN function or pharmacologic modulation of constitutive phosphatidylinositol 3'-kinase/Akt pathway signaling. Clinical Cancer Research, 2003, 9, 4340-6.	7.0	214
8	Concurrent loss of the PTEN and RB1 tumor suppressors attenuates RAF dependence in melanomas harboring V600EBRAF. Oncogene, 2012, 31, 446-457.	5.9	179
9	Models from experiments: combinatorial drug perturbations of cancer cells. Molecular Systems Biology, 2008, 4, 216.	7.2	168
10	PIK3CA Mutation Uncouples Tumor Growth and Cyclin D1 Regulation from MEK/ERK and Mutant KRAS Signaling. Cancer Research, 2010, 70, 6804-6814.	0.9	146
11	ERK and AKT signaling cooperate to translationally regulate survivin expression for metastatic progression of colorectal cancer. Oncogene, 2014, 33, 1828-1839.	5.9	145
12	Deficiency of c-Jun-NH(2)-terminal kinase-1 in mice enhances skin tumor development by 12-O-tetradecanoylphorbol-13-acetate. Cancer Research, 2002, 62, 1343-8.	0.9	142
13	A Novel Lectin with Potent Immunomodulatory Activity Isolated from Both Fruiting Bodies and Cultured Mycelia of the Edible MushroomVolvariella volvacea. Biochemical and Biophysical Research Communications, 1998, 247, 106-111.	2.1	128
14	A Simple HPLC Method for the Determination of S-Adenosylmethionine and S-Adenosylhomocysteine in Rat Tissues: The Effect of Vitamin B6 Deficiency on These Concentrations in Rat Liver. Biochemical and Biophysical Research Communications, 1994, 205, 1748-1754.	2.1	118
15	Genomic Complexity and AKT Dependence in Serous Ovarian Cancer. Cancer Discovery, 2012, 2, 56-67.	9.4	109
16	Involvement of c-jun NH2-terminal kinases in resveratrol-induced activation of p53 and apoptosis. Molecular Carcinogenesis, 2002, 33, 244-250.	2.7	91
17	Activation of JNK1, RSK2, and MSK1 Is Involved in Serine 112 Phosphorylation of Bad by Ultraviolet B Radiation. Journal of Biological Chemistry, 2002, 277, 24039-24048.	3.4	84
18	Ultraviolet B-induced Phosphorylation of Histone H3 at Serine 28 Is Mediated by MSK1. Journal of Biological Chemistry, 2001, 276, 33213-33219.	3.4	76

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19	Role of MAP kinases in UVB-induced phosphorylation of p53 at serine 20. Oncogene, 2002, 21, 1580-1589.	5.9	65
20	An allosteric Akt inhibitor effectively blocks Akt signaling and tumor growth with only transient effects on glucose and insulin levels in vivo. Cancer Biology and Therapy, 2010, 9, 493-503.	3.4	61
21	Transactivation of the Epidermal Growth Factor Receptor Is Involved in 12-O-Tetradecanoylphorbol-13-acetate-induced Signal Transduction. Journal of Biological Chemistry, 2001, 276, 46722-46728.	3.4	58
22	Inhibition of cell transformation by resveratrol and its derivatives: differential effects and mechanisms involved. Oncogene, 2003, 22, 2143-2150.	5.9	58
23	AKT and cancerâ€”Is it all mTOR?. Cancer Cell, 2006, 10, 254-256.	16.8	58
24	Spermine synthase and MYC cooperate to maintain colorectal cancer cell survival by repressing Bim expression. Nature Communications, 2020, 11, 3243.	12.8	55
25	AKT inhibition overcomes rapamycin resistance by enhancing the repressive function of PRAS40 on mTORC1/4E-BP1 axis. Oncotarget, 2015, 6, 13962-13977.	1.8	54
26	Akt Phosphorylates the Transcriptional Repressor Bmi1 to Block Its Effects on the Tumor-Suppressing <i>Ink4a-Arf</i> Locus. Science Signaling, 2012, 5, ra77.	3.6	53
27	Abstract LB-125: Snail determines the efficacy of mTOR-targeted therapies by transcriptional repression of 4E-BP1. Cancer Research, 2017, 77, LB-125-LB-125.	0.9	47
28	CD151-Î±3Î²1 integrin complexes suppress ovarian tumor growth by repressing slug-mediated EMT and canonical Wnt signaling. Oncotarget, 2014, 5, 12203-12217.	1.8	47
29	Loss of 4E-BP1 function induces EMT and promotes cancer cell migration and invasion via cap-dependent translational activation of snail. Oncotarget, 2014, 5, 6015-6027.	1.8	43
30	Effect of Vitamin B₆Deficiency on Linoleic Acid Desaturation in the Arachidonic Acid Biosynthesis of Rat Liver Microsomes. Bioscience, Biotechnology and Biochemistry, 1994, 58, 459-463.	1.3	39
31	N-glycosylation-defective splice variants of neuropilin-1 promote metastasis by activating endosomal signals. Nature Communications, 2019, 10, 3708.	12.8	34
32	Growth factor-like effects of placental alkaline phosphatase in human fetus and mouse embryo fibroblasts. FEBS Letters, 2000, 469, 163-167.	2.8	31
33	Frenolicin B Targets Peroxiredoxin 1 and Glutaredoxin 3 to Trigger ROS/4E-BP1-Mediated Antitumor Effects. Cell Chemical Biology, 2019, 26, 366-377.e12.	5.2	31
34	A Diastereoselective Oxa-Pictetâ€“Spengler-Based Strategy for (+)-Frenolicin B and <i>epi</i>-(+)-Frenolicin B Synthesis. Organic Letters, 2013, 15, 5566-5569.	4.6	30
35	Pifithrin-? promotes p53-mediated apoptosis in JB6 cells. Molecular Carcinogenesis, 2003, 37, 138-148.	2.7	28
36	Snail determines the therapeutic response to mTOR kinase inhibitors by transcriptional repression of 4E-BP1. Nature Communications, 2017, 8, 2207.	12.8	27

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37	Integrated molecular pathway analysis informs a synergistic combination therapy targeting PTEN/PI3K and EGFR pathways for basal-like breast cancer. BMC Cancer, 2016, 16, 587.	2.6	26
38	The Identification of Perillyl Alcohol Glycosides with Improved Antiproliferative Activity. Journal of Medicinal Chemistry, 2014, 57, 7478-7484.	6.4	24
39	Placental alkaline phosphatase, insulin, and adenine nucleotides or adenosine synergistically promote long-term survival of serum-starved mouse embryo and human fetus fibroblasts. Cellular Signalling, 2000, 12, 659-665.	3.6	22
40	A Divergent Enantioselective Strategy for the Synthesis of Griseusins. Angewandte Chemie - International Edition, 2015, 54, 11219-11222.	13.8	22
41	Beta-catenin cleavage enhances transcriptional activation. Scientific Reports, 2018, 8, 671.	3.3	22
42	Alteration in the Phosphatidylcholine Biosynthesis of Rat Liver Microsomes Caused by Vitamin B₆Deficiency. Bioscience, Biotechnology and Biochemistry, 1995, 59, 163-167.	1.3	21
43	Targeting Squalene Epoxidase Interrupts Homologous Recombination via the ER Stress Response and Promotes Radiotherapy Efficacy. Cancer Research, 2022, 82, 1298-1312.	0.9	19
44	Î±1-Antitrypsin can increase insulin-induced mitogenesis in various fibroblast and epithelial cell lines. FEBS Letters, 2000, 473, 33-36.	2.8	14
45	Total synthesis of griseusins and elucidation of the griseusin mechanism of action. Chemical Science, 2019, 10, 7641-7648.	7.4	13
46	Structure Determination, Functional Characterization, and Biosynthetic Implications of Nybomycin Metabolites from a Mining Reclamation Site-Associated <i>Streptomyces</i>. Journal of Natural Products, 2019, 82, 3469-3476.	3.0	12
47	New insights into 4E-BP1-regulated translation in cancer progression and metastasis. Cancer Cell & Microenvironment, 2014, 1, .	0.8	12
48	The possible mechanism of synergistic effects of ethanol, zinc and insulin on DNA synthesis in NIH 3T3 fibroblasts. FEBS Letters, 1999, 460, 199-202.	2.8	7
49	Ethanol, Zn2+ and insulin interact as progression factors to enhance DNA synthesis synergistically in the presence of Ca2+ and other cell cycle initiators in fibroblasts. Biochemical Journal, 2000, 346, 241-247.	3.7	7
50	Himalaquinones Aâ€“G, Angucyclinone-Derived Metabolites Produced by the Himalayan Isolate <i>Streptomyces</i> sp. PU-MM59. Journal of Natural Products, 2021, 84, 1930-1940.	3.0	7
51	4E-BP1 as an oncotarget. Aging, 2015, 7, 517-518.	3.1	4
52	Abstract 3787: ERK and AKT signaling cooperate to translationally regulate survivin expression for promotion of cell motility and metastasis in colorectal cancer.. , 2013, , .		2
53	Abstract 869: PTEN/PI3K oncogenic pathway profiling informs an in vivo synergistic therapeutic model for basal-like breast cancer.. , 2013, , .		2
54	Homology-Directed Repair Is Diminished in PTEN-Positive Breast Tumor Cells.. , 2009, , .		1

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55	Breast tumor cells withPI3Kmutation orHER2amplification are selectively addicted to Akt signaling.. , 2009, , .		1
56	Abstract 2705: AKT inhibition sensitizes tumor cells to rapamycin by enhancing the repressive function of PRS40 on mTORC1/4E-BP1 axis. , 2015, , .		1
57	Abstract 5038: AZD8055 is an effective inhibitor of mTOR kinase signaling and breast cancer growth while relieving feedback inhibition of HER-kinase signaling. Cancer Research, 2010, 70, 5038-5038.	0.9	1
58	Abstract B87: Genomic complexity and BRAF/MEKâ€dependence in V600E BRAF mutant melanoma. , 2009, , .		0
59	Abstract 4504: Genetic determinants of AKT-dependence in epithelial ovarian cancer. , 2010, , .		0
60	Abstract 1971: Concurrent loss of PTEN and RB is sufficient to confer BRAF independence in melanomas harboring V600E BRAF mutations. , 2010, , .		0
61	Abstract 3562: Loss of the PTEN and RB1 tumor suppressors attenuates RAF-dependence in melanomas. , 2011, , .		0
62	Abstract A22: Role of cap-dependent translation in response to upstream kinase-targeted therapy in colorectal cancer. , 2015, , .		0
63	Abstract 2889: Loss of 4E-BP1 function promotes EMT and metastasis via translational activation of snail. , 2016, , .		0
64	Abstract 5894: Snail reduces the antitumor efficacy of mTOR kinase inhibitors by transcriptional repression of 4E-BP1. , 2018, , .		0