

Qing-Bai She

List of Publications by Year in descending order

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64
papers

6,737
citations

147566

31
h-index

168136

53
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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. <i>Cancer Research</i> , 2006, 66, 1500-1508.	0.4	2,329
2	Poor prognosis in carcinoma is associated with a gene expression signature of aberrant PTEN tumor suppressor pathway activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7564-7569.	3.3	445
3	The BAD protein integrates survival signaling by EGFR/MAPK and PI3K/Akt kinase pathways in PTEN-deficient tumor cells. <i>Cancer Cell</i> , 2005, 8, 287-297.	7.7	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. <i>Cancer Cell</i> , 2010, 18, 39-51.	7.7	360
5	ERKs and p38 Kinase Phosphorylate p53 Protein at Serine 15 in Response to UV Radiation. <i>Journal of Biological Chemistry</i> , 2000, 275, 20444-20449.	1.6	316
6	Breast Tumor Cells with PI3K Mutation or HER2 Amplification Are Selectively Addicted to Akt Signaling. <i>PLoS ONE</i> , 2008, 3, e3065.	1.1	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. <i>Clinical Cancer Research</i> , 2003, 9, 4340-6.	3.2	214
8	Concurrent loss of the PTEN and RB1 tumor suppressors attenuates RAF dependence in melanomas harboring V600EBRAF. <i>Oncogene</i> , 2012, 31, 446-457.	2.6	179
9	Models from experiments: combinatorial drug perturbations of cancer cells. <i>Molecular Systems Biology</i> , 2008, 4, 216.	3.2	168
10	PIK3CA Mutation Uncouples Tumor Growth and Cyclin D1 Regulation from MEK/ERK and Mutant KRAS Signaling. <i>Cancer Research</i> , 2010, 70, 6804-6814.	0.4	146
11	ERK and AKT signaling cooperate to translationally regulate survivin expression for metastatic progression of colorectal cancer. <i>Oncogene</i> , 2014, 33, 1828-1839.	2.6	145
12	Deficiency of c-Jun-NH(2)-terminal kinase-1 in mice enhances skin tumor development by 12-O-tetradecanoylphorbol-13-acetate. <i>Cancer Research</i> , 2002, 62, 1343-8.	0.4	142
13	A Novel Lectin with Potent Immunomodulatory Activity Isolated from Both Fruiting Bodies and Cultured Mycelia of the Edible Mushroom <i>Volvariella volvacea</i> . <i>Biochemical and Biophysical Research Communications</i> , 1998, 247, 106-111.	1.0	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. <i>Biochemical and Biophysical Research Communications</i> , 1994, 205, 1748-1754.	1.0	118
15	Genomic Complexity and AKT Dependence in Serous Ovarian Cancer. <i>Cancer Discovery</i> , 2012, 2, 56-67.	7.7	109
16	Involvement of c-jun NH2-terminal kinases in resveratrol-induced activation of p53 and apoptosis. <i>Molecular Carcinogenesis</i> , 2002, 33, 244-250.	1.3	91
17	Activation of JNK1, RSK2, and MSK1 Is Involved in Serine 112 Phosphorylation of Bad by Ultraviolet B Radiation. <i>Journal of Biological Chemistry</i> , 2002, 277, 24039-24048.	1.6	84
18	Ultraviolet B-induced Phosphorylation of Histone H3 at Serine 28 Is Mediated by MSK1. <i>Journal of Biological Chemistry</i> , 2001, 276, 33213-33219.	1.6	76

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19	Role of MAP kinases in UVB-induced phosphorylation of p53 at serine 20. <i>Oncogene</i> , 2002, 21, 1580-1589.	2.6	65
20	An allosteric Akt inhibitor effectively blocks Akt signaling and tumor growth with only transient effects on glucose and insulin levels in vivo. <i>Cancer Biology and Therapy</i> , 2010, 9, 493-503.	1.5	61
21	Transactivation of the Epidermal Growth Factor Receptor Is Involved in 12-O-Tetradecanoylphorbol-13-acetate-induced Signal Transduction. <i>Journal of Biological Chemistry</i> , 2001, 276, 46722-46728.	1.6	58
22	Inhibition of cell transformation by resveratrol and its derivatives: differential effects and mechanisms involved. <i>Oncogene</i> , 2003, 22, 2143-2150.	2.6	58
23	AKT and cancer—Is it all mTOR?. <i>Cancer Cell</i> , 2006, 10, 254-256.	7.7	58
24	Spermine synthase and MYC cooperate to maintain colorectal cancer cell survival by repressing Bim expression. <i>Nature Communications</i> , 2020, 11, 3243.	5.8	55
25	AKT inhibition overcomes rapamycin resistance by enhancing the repressive function of PRAS40 on mTORC1/4E-BP1 axis. <i>Oncotarget</i> , 2015, 6, 13962-13977.	0.8	54
26	Akt Phosphorylates the Transcriptional Repressor Bmi1 to Block Its Effects on the Tumor-Suppressing <i>INK4a-Arf</i> Locus. <i>Science Signaling</i> , 2012, 5, ra77.	1.6	53
27	Abstract LB-125: Snail determines the efficacy of mTOR-targeted therapies by transcriptional repression of 4E-BP1. <i>Cancer Research</i> , 2017, 77, LB-125-LB-125.	0.4	47
28	CD151- β 3 α 1 integrin complexes suppress ovarian tumor growth by repressing slug-mediated EMT and canonical Wnt signaling. <i>Oncotarget</i> , 2014, 5, 12203-12217.	0.8	47
29	Loss of 4E-BP1 function induces EMT and promotes cancer cell migration and invasion via cap-dependent translational activation of snail. <i>Oncotarget</i> , 2014, 5, 6015-6027.	0.8	43
30	Effect of Vitamin B ₆ Deficiency on Linoleic Acid Desaturation in the Arachidonic Acid Biosynthesis of Rat Liver Microsomes. <i>Bioscience, Biotechnology and Biochemistry</i> , 1994, 58, 459-463.	0.6	39
31	N-glycosylation-defective splice variants of neuropilin-1 promote metastasis by activating endosomal signals. <i>Nature Communications</i> , 2019, 10, 3708.	5.8	34
32	Growth factor-like effects of placental alkaline phosphatase in human fetus and mouse embryo fibroblasts. <i>FEBS Letters</i> , 2000, 469, 163-167.	1.3	31
33	Frenolicin B Targets Peroxiredoxin 1 and Glutaredoxin 3 to Trigger ROS/4E-BP1-Mediated Antitumor Effects. <i>Cell Chemical Biology</i> , 2019, 26, 366-377.e12.	2.5	31
34	A Diastereoselective Oxa-Pictet—Spengler-Based Strategy for (+)-Frenolicin B and <i>epi</i> -(+)-Frenolicin B Synthesis. <i>Organic Letters</i> , 2013, 15, 5566-5569.	2.4	30
35	Pifithrin- γ promotes p53-mediated apoptosis in JB6 cells. <i>Molecular Carcinogenesis</i> , 2003, 37, 138-148.	1.3	28
36	Snail determines the therapeutic response to mTOR kinase inhibitors by transcriptional repression of 4E-BP1. <i>Nature Communications</i> , 2017, 8, 2207.	5.8	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. <i>BMC Cancer</i> , 2016, 16, 587.	1.1	26
38	The Identification of Perillyl Alcohol Glycosides with Improved Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7478-7484.	2.9	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. <i>Cellular Signalling</i> , 2000, 12, 659-665.	1.7	22
40	A Divergent Enantioselective Strategy for the Synthesis of Griseusins. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11219-11222.	7.2	22
41	Beta-catenin cleavage enhances transcriptional activation. <i>Scientific Reports</i> , 2018, 8, 671.	1.6	22
42	Alteration in the Phosphatidylcholine Biosynthesis of Rat Liver Microsomes Caused by Vitamin B ₆ Deficiency. <i>Bioscience, Biotechnology and Biochemistry</i> , 1995, 59, 163-167.	0.6	21
43	Targeting Squalene Epoxidase Interrupts Homologous Recombination via the ER Stress Response and Promotes Radiotherapy Efficacy. <i>Cancer Research</i> , 2022, 82, 1298-1312.	0.4	19
44	Î±1-Antitrypsin can increase insulin-induced mitogenesis in various fibroblast and epithelial cell lines. <i>FEBS Letters</i> , 2000, 473, 33-36.	1.3	14
45	Total synthesis of griseusins and elucidation of the griseusin mechanism of action. <i>Chemical Science</i> , 2019, 10, 7641-7648.	3.7	13
46	Structure Determination, Functional Characterization, and Biosynthetic Implications of Nybomycin Metabolites from a Mining Reclamation Site-Associated <i>Streptomyces</i> . <i>Journal of Natural Products</i> , 2019, 82, 3469-3476.	1.5	12
47	New insights into 4E-BP1-regulated translation in cancer progression and metastasis. <i>Cancer Cell & Microenvironment</i> , 2014, 1, .	0.8	12
48	The possible mechanism of synergistic effects of ethanol, zinc and insulin on DNA synthesis in NIH 3T3 fibroblasts. <i>FEBS Letters</i> , 1999, 460, 199-202.	1.3	7
49	Ethanol, Zn ²⁺ and insulin interact as progression factors to enhance DNA synthesis synergistically in the presence of Ca ²⁺ and other cell cycle initiators in fibroblasts. <i>Biochemical Journal</i> , 2000, 346, 241-247.	1.7	7
50	Himalaquinones Aâ€“G, Angucyclinone-Derived Metabolites Produced by the Himalayan Isolate <i>Streptomyces</i> sp. PU-MM59. <i>Journal of Natural Products</i> , 2021, 84, 1930-1940.	1.5	7
51	4E-BP1 as an oncotarget. <i>Aging</i> , 2015, 7, 517-518.	1.4	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 with PI3K mutation or HER2 amplification 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.	0.4	1
58	Abstract B87: Genomic complexity and BRAF/MEK 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