

Shi-Yong Sun

List of Publications by Citations

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170
papers

14,951
citations

53
h-index

121
g-index

182
ext. papers

16,478
ext. citations

7.3
avg, IF

6.14
L-index

#	Paper	IF	Citations
170	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
169	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-546.2	10.2	2783
168	Activation of Akt and eIF4E survival pathways by rapamycin-mediated mammalian target of rapamycin inhibition. <i>Cancer Research</i> , 2005 , 65, 7052-8	10.1	702
167	Apoptosis as a novel target for cancer chemoprevention. <i>Journal of the National Cancer Institute</i> , 2004 , 96, 662-72	9.7	429
166	Retinoids and their receptors in cancer development and chemoprevention. <i>Critical Reviews in Oncology/Hematology</i> , 2002 , 41, 41-55	7	260
165	Death receptor regulation and celecoxib-induced apoptosis in human lung cancer cells. <i>Journal of the National Cancer Institute</i> , 2004 , 96, 1769-80	9.7	218
164	N-acetylcysteine, reactive oxygen species and beyond. <i>Cancer Biology and Therapy</i> , 2010 , 9, 109-10	4.6	182
163	c-Jun NH2-terminal kinase-mediated up-regulation of death receptor 5 contributes to induction of apoptosis by the novel synthetic triterpenoid methyl-2-cyano-3,12-dioxooleana-1,9-dien-28-oate in human lung cancer cells. <i>Cancer Research</i> , 2004 , 64, 7570-8	10.1	158
162	p53 upregulates death receptor 4 expression through an intronic p53 binding site. <i>Cancer Research</i> , 2004 , 64, 5078-83	10.1	148
161	The proteasome inhibitor PS-341 (bortezomib) up-regulates DR5 expression leading to induction of apoptosis and enhancement of TRAIL-induced apoptosis despite up-regulation of c-FLIP and survivin expression in human NSCLC cells. <i>Cancer Research</i> , 2007 , 67, 4981-8	10.1	147
160	Enhancing mammalian target of rapamycin (mTOR)-targeted cancer therapy by preventing mTOR/raptor inhibition-initiated, mTOR/rictor-independent Akt activation. <i>Cancer Research</i> , 2008 , 68, 7409-18	10.1	140
159	Inhibition of I κ B kinase-nuclear factor- κ B signaling pathway by 3,5-bis(2-fluorobenzylidene)piperidin-4-one (EF24), a novel monoketone analog of curcumin. <i>Molecular Pharmacology</i> , 2008 , 74, 654-61	4.3	135
158	Perifosine inhibits mammalian target of rapamycin signaling through facilitating degradation of major components in the mTOR axis and induces autophagy. <i>Cancer Research</i> , 2009 , 69, 8967-76	10.1	127
157	Down-regulation of 14-3-3zeta suppresses anchorage-independent growth of lung cancer cells through anoikis activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 162-7	11.5	125
156	Inhibition of mammalian target of rapamycin induces phosphatidylinositol 3-kinase-dependent and Mnk-mediated eukaryotic translation initiation factor 4E phosphorylation. <i>Molecular and Cellular Biology</i> , 2007 , 27, 7405-13	4.8	125
155	Evidence that the death receptor DR4 is a DNA damage-inducible, p53-regulated gene. <i>Journal of Cellular Physiology</i> , 2001 , 188, 98-105	7	117
154	Overexpression of BCL2 blocks TNF-related apoptosis-inducing ligand (TRAIL)-induced apoptosis in human lung cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 280, 788-97	3.4	116

153	Niclosamide overcomes acquired resistance to erlotinib through suppression of STAT3 in non-small cell lung cancer. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 2200-12	6.1	115
152	p90 ribosomal S6 kinase 2 promotes invasion and metastasis of human head and neck squamous cell carcinoma cells. <i>Journal of Clinical Investigation</i> , 2010 , 120, 1165-77	15.9	114
151	Tumor growth inhibition by simultaneously blocking epidermal growth factor receptor and cyclooxygenase-2 in a xenograft model. <i>Clinical Cancer Research</i> , 2005 , 11, 6261-9	12.9	112
150	mTOR kinase inhibitors as potential cancer therapeutic drugs. <i>Cancer Letters</i> , 2013 , 340, 1-8	9.9	110
149	Mechanisms of apoptosis induced by the synthetic retinoid CD437 in human non-small cell lung carcinoma cells. <i>Oncogene</i> , 1999 , 18, 2357-65	9.2	104
148	Met gene amplification and protein hyperactivation is a mechanism of resistance to both first and third generation EGFR inhibitors in lung cancer treatment. <i>Cancer Letters</i> , 2016 , 380, 494-504	9.9	102
147	Coupling of endoplasmic reticulum stress to CDDO-Me-induced up-regulation of death receptor 5 via a CHOP-dependent mechanism involving JNK activation. <i>Cancer Research</i> , 2008 , 68, 7484-92	10.1	100
146	Modulation of death receptors by cancer therapeutic agents. <i>Cancer Biology and Therapy</i> , 2008 , 7, 163-73	4.6	95
145	The glycolytic inhibitor 2-deoxyglucose activates multiple prosurvival pathways through IGF1R. <i>Journal of Biological Chemistry</i> , 2009 , 284, 23225-33	5.4	88
144	MET inhibitors for targeted therapy of EGFR TKI-resistant lung cancer. <i>Journal of Hematology and Oncology</i> , 2019 , 12, 63	22.4	87
143	Phosphorylated eukaryotic translation initiation factor 4 (eIF4E) is elevated in human cancer tissues. <i>Cancer Biology and Therapy</i> , 2009 , 8, 1463-9	4.6	86
142	Proteasome inhibitor PS-341 (bortezomib) induces calpain-dependent I κ B(α) degradation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 16096-104	5.4	80
141	The alkylphospholipid perifosine induces apoptosis of human lung cancer cells requiring inhibition of Akt and activation of the extrinsic apoptotic pathway. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 2029-38	6.1	79
140	Overcoming mTOR inhibition-induced paradoxical activation of survival signaling pathways enhances mTOR inhibitors anticancer efficacy. <i>Cancer Biology and Therapy</i> , 2008 , 7, 1952-8	4.6	78
139	Vitamin C inactivates the proteasome inhibitor PS-341 in human cancer cells. <i>Clinical Cancer Research</i> , 2006 , 12, 273-80	12.9	77
138	Evidence that retinoic acid receptor β induction by retinoids is important for tumor cell growth inhibition. <i>Journal of Biological Chemistry</i> , 2000 , 275, 17149-53	5.4	77
137	Overcoming Acquired Resistance to AZD9291, A Third-Generation EGFR Inhibitor, through Modulation of MEK/ERK-Dependent Bim and Mcl-1 Degradation. <i>Clinical Cancer Research</i> , 2017 , 23, 6567-6579	12.9	75
136	Activation of nuclear factor- κ B contributes to induction of death receptors and apoptosis by the synthetic retinoid CD437 in DU145 human prostate cancer cells. <i>Cancer Research</i> , 2005 , 65, 6354-63	10.1	74

135	The eIF4E/eIF4G interaction inhibitor 4EGI-1 augments TRAIL-mediated apoptosis through c-FLIP Down-regulation and DR5 induction independent of inhibition of cap-dependent protein translation. <i>Neoplasia</i> , 2010 , 12, 346-56	6.4	72
134	2-Deoxyglucose induces Akt phosphorylation via a mechanism independent of LKB1/AMP-activated protein kinase signaling activation or glycolysis inhibition. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 809-17	6.1	72
133	Combinatorial effects of lapatinib and rapamycin in triple-negative breast cancer cells. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1460-9	6.1	71
132	Decoy receptor 2 (DcR2) is a p53 target gene and regulates chemosensitivity. <i>Cancer Research</i> , 2005 , 65, 9169-75	10.1	70
131	Akt phosphorylation regulates the tumour-suppressor merlin through ubiquitination and degradation. <i>Nature Cell Biology</i> , 2007 , 9, 1199-207	23.4	68
130	Cellular FLICE-inhibitory protein down-regulation contributes to celecoxib-induced apoptosis in human lung cancer cells. <i>Cancer Research</i> , 2006 , 66, 11115-9	10.1	66
129	Evidence that the human death receptor 4 is regulated by activator protein 1. <i>Oncogene</i> , 2002 , 21, 3121-9	9.2	65
128	LKB1 is necessary for Akt-mediated phosphorylation of proapoptotic proteins. <i>Cancer Research</i> , 2008 , 68, 7270-7	10.1	62
127	The combination of RAD001 and NVP-BEZ235 exerts synergistic anticancer activity against non-small cell lung cancer in vitro and in vivo. <i>PLoS ONE</i> , 2011 , 6, e20899	3.7	61
126	MLN4924, an NAE inhibitor, suppresses AKT and mTOR signaling via upregulation of REDD1 in human myeloma cells. <i>Blood</i> , 2014 , 123, 3269-76	2.2	59
125	Therapeutic potential and molecular mechanism of a novel, potent, nonpeptide, Smac mimetic SM-164 in combination with TRAIL for cancer treatment. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 902-14	6.1	59
124	Poly (ADP) ribose polymerase enzyme inhibitor, veliparib, potentiates chemotherapy and radiation in vitro and in vivo in small cell lung cancer. <i>Cancer Medicine</i> , 2014 , 3, 1579-94	4.8	58
123	Patient-derived xenografts faithfully replicated clinical outcome in a phase II co-clinical trial of arsenic trioxide in relapsed small cell lung cancer. <i>Journal of Translational Medicine</i> , 2016 , 14, 111	8.5	58
122	Implication of multiple mechanisms in apoptosis induced by the synthetic retinoid CD437 in human prostate carcinoma cells. <i>Oncogene</i> , 2000 , 19, 4513-22	9.2	56
121	The synthetic retinoid CD437 selectively induces apoptosis in human lung cancer cells while sparing normal human lung epithelial cells. <i>Cancer Research</i> , 2002 , 62, 2430-6	10.1	55
120	Novel small-molecule inhibitors of Bcl-XL to treat lung cancer. <i>Cancer Research</i> , 2013 , 73, 5485-96	10.1	54
119	Augmentation of NVP-BEZ235's anticancer activity against human lung cancer cells by blockage of autophagy. <i>Cancer Biology and Therapy</i> , 2011 , 12, 549-55	4.6	54
118	ERK/ribosomal S6 kinase (RSK) signaling positively regulates death receptor 5 expression through co-activation of CHOP and Elk1. <i>Journal of Biological Chemistry</i> , 2010 , 285, 41310-9	5.4	53

117	Protein phosphatase 2A negatively regulates eukaryotic initiation factor 4E phosphorylation and eIF4F assembly through direct dephosphorylation of Mnk and eIF4E. <i>Neoplasia</i> , 2010 , 12, 848-55	6.4	53
116	Induction of apoptosis in human non-small cell lung carcinoma cells by the novel synthetic retinoid CD437. <i>Journal of Cellular Physiology</i> , 1997 , 173, 279-84	7	53
115	Enhancing mTOR-targeted cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2009 , 13, 1193-203	6.4	51
114	Depletion of intracellular glutathione contributes to JNK-mediated death receptor 5 upregulation and apoptosis induction by the novel synthetic triterpenoid methyl-2-cyano-3, 12-dioxooleana-1, 9-dien-28-oate (CDDO-Me). <i>Cancer Biology and Therapy</i> , 2006 , 5, 492-7	4.6	50
113	The combination of RAD001 and NVP-BKM120 synergistically inhibits the growth of lung cancer in vitro and in vivo. <i>Cancer Letters</i> , 2012 , 325, 139-46	9.9	49
112	Elevated expression of eukaryotic translation initiation factor 4E is associated with proliferation, invasion and acquired resistance to erlotinib in lung cancer. <i>Cancer Biology and Therapy</i> , 2012 , 13, 272-80	4.6	49
111	The E3 ubiquitin ligases EtrCP and FBXW7 cooperatively mediates GSK3-dependent Mcl-1 degradation induced by the Akt inhibitor API-1, resulting in apoptosis. <i>Molecular Cancer</i> , 2013 , 12, 146	42.1	48
110	PPARgamma ligands enhance TRAIL-induced apoptosis through DR5 upregulation and c-FLIP downregulation in human lung cancer cells. <i>Cancer Biology and Therapy</i> , 2007 , 6, 99-106	4.6	48
109	Rictor Undergoes Glycogen Synthase Kinase 3 (GSK3)-dependent, FBXW7-mediated Ubiquitination and Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 14120-9	5.4	46
108	The natural product honokiol preferentially inhibits cellular FLICE-inhibitory protein and augments death receptor-induced apoptosis. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2212-23	6.1	46
107	Involvement of c-FLIP and survivin down-regulation in flexible heteroarotinoid-induced apoptosis and enhancement of TRAIL-initiated apoptosis in lung cancer cells. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 3556-65	6.1	45
106	c-FLIP downregulation contributes to apoptosis induction by the novel synthetic triterpenoid methyl-2-cyano-3, 12-dioxooleana-1, 9-dien-28-oate (CDDO-Me) in human lung cancer cells. <i>Cancer Biology and Therapy</i> , 2007 , 6, 1614-20	4.6	45
105	The farnesyltransferase inhibitor lonafarnib induces CCAAT/enhancer-binding protein homologous protein-dependent expression of death receptor 5, leading to induction of apoptosis in human cancer cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 18800-9	5.4	45
104	Dual mechanisms of action of the retinoid CD437: nuclear retinoic acid receptor-mediated suppression of squamous differentiation and receptor-independent induction of apoptosis in UMSCC22B human head and neck squamous cell carcinoma cells. <i>Molecular Pharmacology</i> , 2000 , 58, 508-14	4.3	45
103	c-Myc suppression of DNA double-strand break repair. <i>Neoplasia</i> , 2012 , 14, 1190-202	6.4	43
102	mTOR Complex 2 Stabilizes Mcl-1 Protein by Suppressing Its Glycogen Synthase Kinase 3-Dependent and SCF-FBXW7-Mediated Degradation. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2344-55	4.8	40
101	NNK promotes migration and invasion of lung cancer cells through activation of c-Src/PKC/FAK loop. <i>Cancer Letters</i> , 2012 , 318, 106-13	9.9	40
100	CCAAT/enhancer binding protein homologous protein-dependent death receptor 5 induction and ubiquitin/proteasome-mediated cellular FLICE-inhibitory protein down-regulation contribute to enhancement of tumor necrosis factor-related apoptosis-inducing ligand-induced apoptosis by dimethylcelecoxib in human non-small cell lung cancer cells. <i>Molecular Pharmacology</i> , 2007 , 73, 1269-79	4.3	40

99	c-FLIP degradation mediates sensitization of pancreatic cancer cells to TRAIL-induced apoptosis by the histone deacetylase inhibitor LBH589. <i>PLoS ONE</i> , 2010 , 5, e10376	3.7	40
98	Phase 1 and pharmacokinetic study of everolimus in combination with cetuximab and carboplatin for recurrent/metastatic squamous cell carcinoma of the head and neck. <i>Cancer</i> , 2014 , 120, 3940-51	6.4	39
97	Protein phosphatase 2A and DNA-dependent protein kinase are involved in mediating rapamycin-induced Akt phosphorylation. <i>Journal of Biological Chemistry</i> , 2013 , 288, 13215-24	5.4	38
96	CAAT/enhancer binding protein homologous protein-dependent death receptor 5 induction is a major component of SHetA2-induced apoptosis in lung cancer cells. <i>Cancer Research</i> , 2008 , 68, 5335-44	10.1	38
95	Maintaining glycogen synthase kinase-3 activity is critical for mTOR kinase inhibitors to inhibit cancer cell growth. <i>Cancer Research</i> , 2014 , 74, 2555-68	10.1	36
94	The NEDD8-activating enzyme inhibitor, MLN4924, cooperates with TRAIL to augment apoptosis through facilitating c-FLIP degradation in head and neck cancer cells. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 2415-25	6.1	36
93	Drozitumab, a human antibody to death receptor 5, has potent antitumor activity against rhabdomyosarcoma with the expression of caspase-8 predictive of response. <i>Clinical Cancer Research</i> , 2011 , 17, 3181-92	12.9	36
92	Rapamycin induces Bad phosphorylation in association with its resistance to human lung cancer cells. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 45-56	6.1	36
91	Perifosine synergistically enhances TRAIL-induced myeloma cell apoptosis via up-regulation of death receptors. <i>Clinical Cancer Research</i> , 2008 , 14, 5090-8	12.9	36
90	Enhancing therapeutic efficacy of the MEK inhibitor, MEK162, by blocking autophagy or inhibiting PI3K/Akt signaling in human lung cancer cells. <i>Cancer Letters</i> , 2015 , 364, 70-8	9.9	35
89	Phase 1 and pharmacokinetic study of everolimus, a mammalian target of rapamycin inhibitor, in combination with docetaxel for recurrent/refractory nonsmall cell lung cancer. <i>Cancer</i> , 2010 , 116, 3903-9	6.4	35
88	Identification of a novel synthetic triterpenoid, methyl-2-cyano-3,12-dioxooleana-1,9-dien-28-oate, that potently induces caspase-mediated apoptosis in human lung cancer cells. <i>Molecular Cancer Therapeutics</i> , 2002 , 1, 177-84	6.1	35
87	Retinoic acid enhances TRAIL-induced apoptosis in cancer cells by upregulating TRAIL receptor 1 expression. <i>Cancer Research</i> , 2011 , 71, 5245-54	10.1	34
86	The novel proteasome inhibitor carfilzomib activates and enhances extrinsic apoptosis involving stabilization of death receptor 5. <i>Oncotarget</i> , 2015 , 6, 17532-42	3.3	34
85	mTOR complex 2 is involved in regulation of Cbl-dependent c-FLIP degradation and sensitivity of TRAIL-induced apoptosis. <i>Cancer Research</i> , 2013 , 73, 1946-57	10.1	33
84	Analysis of death receptor 5 and caspase-8 expression in primary and metastatic head and neck squamous cell carcinoma and their prognostic impact. <i>PLoS ONE</i> , 2010 , 5, e12178	3.7	33
83	The BET bromodomain inhibitor, JQ1, facilitates c-FLIP degradation and enhances TRAIL-induced apoptosis independent of BRD4 and c-Myc inhibition. <i>Oncotarget</i> , 2015 , 6, 34669-79	3.3	33
82	Cables1 complex couples survival signaling to the cell death machinery. <i>Cancer Research</i> , 2015 , 75, 147-158	6.1	31

81	Celecoxib promotes c-FLIP degradation through Akt-independent inhibition of GSK3. <i>Cancer Research</i> , 2011 , 71, 6270-81	10.1	31
80	Oncogenic Ras and B-Raf proteins positively regulate death receptor 5 expression through co-activation of ERK and JNK signaling. <i>Journal of Biological Chemistry</i> , 2012 , 287, 257-267	5.4	31
79	Enhanced growth inhibition and apoptosis induction in NSCLC cell lines by combination of celecoxib and 4HPR at clinically relevant concentrations. <i>Cancer Biology and Therapy</i> , 2005 , 4, 407-13	4.6	29
78	Inhibition of mTOR complex 1/p70 S6 kinase signaling elevates PD-L1 levels in human cancer cells through enhancing protein stabilization accompanied with enhanced TrCP degradation. <i>Oncogene</i> , 2019 , 38, 6270-6282	9.2	28
77	c-Jun NH2-terminal kinase-dependent upregulation of DR5 mediates cooperative induction of apoptosis by perifosine and TRAIL. <i>Molecular Cancer</i> , 2010 , 9, 315	42.1	27
76	The farnesyltransferase inhibitor Lonafarnib induces growth arrest or apoptosis of human lung cancer cells without downregulation of Akt. <i>Cancer Biology and Therapy</i> , 2004 , 3, 1092-8; discussion 1099-1101	4.6	26
75	The PI3 kinase inhibitor NVP-BKM120 induces GSK3/FBXW7-dependent Mcl-1 degradation, contributing to induction of apoptosis and enhancement of TRAIL-induced apoptosis. <i>Cancer Letters</i> , 2013 , 338, 229-38	9.9	25
74	Implication of c-Myc in apoptosis induced by the retinoid CD437 in human lung carcinoma cells. <i>Oncogene</i> , 1999 , 18, 3894-901	9.2	25
73	Understanding the Role of the Death Receptor 5/FADD/caspase-8 Death Signaling in Cancer Metastasis. <i>Molecular and Cellular Pharmacology</i> , 2011 , 3, 31-34		25
72	Suppression of death receptor 5 enhances cancer cell invasion and metastasis through activation of caspase-8/TRAF2-mediated signaling. <i>Oncotarget</i> , 2015 , 6, 41324-38	3.3	24
71	YAP1 Expression in SCLC Defines a Distinct Subtype With T-cell-Inflamed Phenotype. <i>Journal of Thoracic Oncology</i> , 2021 , 16, 464-476	8.9	23
70	Hypermethylation of the Death-Associated Protein Kinase Promoter Attenuates the Sensitivity to Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand-Induced Apoptosis in Human Non-Small Cell Lung Cancer Cells. <i>Molecular Cancer Research</i> , 2004 , 2, 685-691	6.6	23
69	Mono- or double-site phosphorylation distinctly regulates the proapoptotic function of Bax. <i>PLoS ONE</i> , 2010 , 5, e13393	3.7	22
68	ERK inhibition effectively overcomes acquired resistance of epidermal growth factor receptor-mutant non-small cell lung cancer cells to osimertinib. <i>Cancer</i> , 2020 , 126, 1339-1350	6.4	22
67	The proteasome deubiquitinase inhibitor b-AP15 enhances DR5 activation-induced apoptosis through stabilizing DR5. <i>Scientific Reports</i> , 2017 , 7, 8027	4.9	21
66	Enhancing perifosine's anticancer efficacy by preventing autophagy. <i>Autophagy</i> , 2010 , 6, 184-5	10.2	21
65	A Translational, Pharmacodynamic, and Pharmacokinetic Phase IB Clinical Study of Everolimus in Resectable Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2015 , 21, 1859-68	12.9	20
64	K-Ras mutation-mediated IGF-1-induced feedback ERK activation contributes to the rapalog resistance in pancreatic ductal adenocarcinomas. <i>Cancer Letters</i> , 2012 , 322, 58-69	9.9	20

63	Blockade of glioma proliferation through allosteric inhibition of JAK2. <i>Science Signaling</i> , 2013 , 6, ra55	8.8	20
62	Pleiotropic functions of EAPII/TTRAP/TDP2: cancer development, chemoresistance and beyond. <i>Cell Cycle</i> , 2011 , 10, 3274-83	4.7	20
61	Tipifarnib sensitizes cells to proteasome inhibition by blocking degradation of bortezomib-induced aggresomes. <i>Blood</i> , 2010 , 116, 5285-8	2.2	20
60	Human papillomavirus oncoprotein E6 upregulates c-Met through p53 downregulation. <i>European Journal of Cancer</i> , 2016 , 65, 21-32	7.5	20
59	A cell-permeable peptide-based PROTAC against the oncoprotein CREPT proficiently inhibits pancreatic cancer. <i>Theranostics</i> , 2020 , 10, 3708-3721	12.1	19
58	Overcoming acquired resistance of epidermal growth factor receptor-mutant non-small cell lung cancer cells to osimertinib by combining osimertinib with the histone deacetylase inhibitor panobinostat (LBH589). <i>Cancer</i> , 2020 , 126, 2024-2033	6.4	19
57	Downregulation of IRS-1 promotes metastasis of head and neck squamous cell carcinoma. <i>Oncology Reports</i> , 2012 , 28, 659-67	3.5	18
56	Modulation of Bax and mTOR for Cancer Therapeutics. <i>Cancer Research</i> , 2017 , 77, 3001-3012	10.1	17
55	Dissecting the roles of DR4, DR5 and c-FLIP in the regulation of geranylgeranyltransferase I inhibition-mediated augmentation of TRAIL-induced apoptosis. <i>Molecular Cancer</i> , 2010 , 9, 23	42.1	17
54	Expression of Death Receptor 4 Is Positively Regulated by MEK/ERK/AP-1 Signaling and Suppressed upon MEK Inhibition. <i>Journal of Biological Chemistry</i> , 2016 , 291, 21694-21702	5.4	16
53	GSK3 is required for rapalogs to induce degradation of some oncogenic proteins and to suppress cancer cell growth. <i>Oncotarget</i> , 2015 , 6, 8974-87	3.3	15
52	Prognostic impact of Fas-associated death domain, a key component in death receptor signaling, is dependent on the presence of lymph node metastasis in head and neck squamous cell carcinoma. <i>Cancer Biology and Therapy</i> , 2013 , 14, 365-9	4.6	15
51	MEK or ERK inhibition effectively abrogates emergence of acquired osimertinib resistance in the treatment of epidermal growth factor receptor-mutant lung cancers. <i>Cancer</i> , 2020 , 126, 3788-3799	6.4	14
50	BRD4 Levels Determine the Response of Human Lung Cancer Cells to BET Degraders That Potently Induce Apoptosis through Suppression of Mcl-1. <i>Cancer Research</i> , 2020 , 80, 2380-2393	10.1	14
49	Co-inhibition of BET and proteasome enhances ER stress and Bim-dependent apoptosis with augmented cancer therapeutic efficacy. <i>Cancer Letters</i> , 2018 , 435, 44-54	9.9	14
48	The farnesyltransferase inhibitor R115777 up-regulates the expression of death receptor 5 and enhances TRAIL-induced apoptosis in human lung cancer cells. <i>Cancer Research</i> , 2007 , 67, 4973-80	10.1	14
47	Overcoming acquired resistance of EGFR-mutant NSCLC cells to the third generation EGFR inhibitor, osimertinib, with the natural product honokiol. <i>Molecular Oncology</i> , 2020 , 14, 882-895	7.9	13
46	Celecoxib antagonizes perifosine's anticancer activity involving a cyclooxygenase-2-dependent mechanism. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 2575-85	6.1	13

45	mTOR-targeted cancer therapy: great target but disappointing clinical outcomes, why?. <i>Frontiers of Medicine</i> , 2021 , 15, 221-231	12	13
44	mTORC2 Suppresses GSK3-Dependent Snail Degradation to Positively Regulate Cancer Cell Invasion and Metastasis. <i>Cancer Research</i> , 2019 , 79, 3725-3736	10.1	11
43	Monocyte chemotactic protein-induced protein-1 enhances DR5 degradation and negatively regulates DR5 activation-induced apoptosis through its deubiquitinase function. <i>Oncogene</i> , 2018 , 37, 3415-3425	9.2	11
42	Soluble FAS ligand as a biomarker of disease recurrence in differentiated thyroid cancer. <i>Cancer</i> , 2013 , 119, 1503-11	6.4	11
41	The novel Akt inhibitor API-1 induces c-FLIP degradation and synergizes with TRAIL to augment apoptosis independent of Akt inhibition. <i>Cancer Prevention Research</i> , 2012 , 5, 612-20	3.2	11
40	The role of cetuximab in the management of non-small-cell lung cancer. <i>Clinical Lung Cancer</i> , 2009 , 10, 230-8	4.9	11
39	Retinoic acid receptor beta and colon cancer. <i>Cancer Biology and Therapy</i> , 2004 , 3, 87-8	4.6	11
38	Searching for the real function of mTOR signaling in the regulation of PD-L1 expression. <i>Translational Oncology</i> , 2020 , 13, 100847	4.9	10
37	Tumour necrosis factor- α -induced protein 8-like 2 is a novel regulator of proliferation, migration, and invasion in human rectal adenocarcinoma cells. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 1698-1713	5.6	9
36	Paradoxical activation of MEK/ERK signaling induced by B-Raf inhibition enhances DR5 expression and DR5 activation-induced apoptosis in Ras-mutant cancer cells. <i>Scientific Reports</i> , 2016 , 6, 26803	4.9	8
35	Assessment of apoptosis-inducing effects of docetaxel combined with the proteasome inhibitor PS-341 in human lung cancer cells. <i>Cancer Biology and Therapy</i> , 2007 , 6, 749-54	4.6	8
34	The Third-Generation EGFR Inhibitor, Osimertinib, Promotes c-FLIP Degradation, Enhancing Apoptosis Including TRAIL-Induced Apoptosis in NSCLC Cells with Activating EGFR Mutations. <i>Translational Oncology</i> , 2019 , 12, 705-713	4.9	7
33	Inhibition of p70S6K does not mimic the enhancement of Akt phosphorylation by rapamycin. <i>Heliyon</i> , 2017 , 3, e00378	3.6	7
32	DR5 suppression induces sphingosine-1-phosphate-dependent TRAF2 polyubiquitination, leading to activation of JNK/AP-1 and promotion of cancer cell invasion. <i>Cell Communication and Signaling</i> , 2017 , 15, 18	7.5	7
31	Acridine yellow G blocks glioblastoma growth via dual inhibition of epidermal growth factor receptor and protein kinase C kinases. <i>Journal of Biological Chemistry</i> , 2012 , 287, 6113-27	5.4	7
30	Inhibition of IGF1R enhances 2-deoxyglucose in the treatment of non-small cell lung cancer. <i>Lung Cancer</i> , 2018 , 123, 36-43	5.9	6
29	Impact of genetic alterations on mTOR-targeted cancer therapy. <i>Chinese Journal of Cancer</i> , 2013 , 32, 270-4		6
28	Managing Acquired Resistance to Third-Generation EGFR Tyrosine Kinase Inhibitors Through Co-Targeting MEK/ERK Signaling. <i>Lung Cancer: Targets and Therapy</i> , 2021 , 12, 1-10	2.9	6

27	Targeting mTOR signaling for lung cancer therapy. <i>Journal of Thoracic Oncology</i> , 2006 , 1, 109-11	8.9	6
26	Evaluation of preclinical efficacy of everolimus and pasireotide in thyroid cancer cell lines and xenograft models. <i>PLoS ONE</i> , 2019 , 14, e0206309	3.7	5
25	Internal Ribosome Entry Site-Based Bicistronic In Situ Reporter Assays for Discovery of Transcription-Targeted Lead Compounds. <i>Chemistry and Biology</i> , 2015 , 22, 957-64		5
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23	Nanoparticles for co-delivery of osimertinib and selumetinib to overcome osimertinib-acquired resistance in non-small cell lung cancer. <i>Acta Biomaterialia</i> , 2021 , 129, 258-268	10.8	5
22	How much do we know about retinoid-regulated genes?. <i>Cancer Biology and Therapy</i> , 2002 , 1, 28-30	4.6	4
21	Downregulation of death receptor 4 is tightly associated with positive response of EGFR mutant lung cancer to EGFR-targeted therapy and improved prognosis. <i>Theranostics</i> , 2021 , 11, 3964-3980	12.1	4
20	All-trans-retinoic acid enhances the effect of adenovirus-mediated wild-type p53 gene transfer in head and neck squamous cell carcinoma. <i>Laryngoscope</i> , 2001 , 111, 1459-64	3.6	3
19	Recent developments of retinoids as therapeutic agents. <i>Expert Opinion on Therapeutic Patents</i> , 2002 , 12, 529-542	6.8	3
18	Pan-cancer analysis of pathway-based gene expression pattern at the individual level reveals biomarkers of clinical prognosis. <i>Cell Reports Methods</i> , 2021 , 1, 100050-100050		3
17	Inhibition of MEK5/ERK5 signaling overcomes acquired resistance to the third generation EGFR inhibitor, osimertinib, via enhancing Bim-dependent apoptosis. <i>Cancer Letters</i> , 2021 , 519, 141-149	9.9	3
16	The novel MET inhibitor, HQP8361, possesses single agent activity and enhances therapeutic efficacy of AZD9291 (osimertinib) against AZD9291-resistant NSCLC cells with activated MET. <i>American Journal of Cancer Research</i> , 2020 , 10, 3316-3327	4.4	2
15	c-FLIP links mTORC2 to apoptosis. <i>Oncoscience</i> , 2014 , 1, 306-7	0.8	2
14	Membrane-Associated RING-CH 8 Functions as a Novel PD-L1 E3 Ligase to Mediate PD-L1 Degradation Induced by EGFR Inhibitors. <i>Molecular Cancer Research</i> , 2021 , 19, 1622-1634	6.6	2
13	Therapeutic potential of synthetic triterpenoids in neuroblastoma. <i>Cancer Biology and Therapy</i> , 2008 , 7, 718-20	4.6	1
12	Inhibition of ACK1 delays and overcomes acquired resistance of EGFR mutant NSCLC cells to the third generation EGFR inhibitor, osimertinib. <i>Lung Cancer</i> , 2020 , 150, 26-35	5.9	1
11	Regulation of Cancer Metastasis by TRAIL/Death Receptor Signaling. <i>Biomolecules</i> , 2021 , 11,	5.9	1
10	MET inhibition downregulates DR4 expression in MET-amplified lung cancer cells with acquired resistance to EGFR inhibitors through suppressing AP-1-mediated transcription. <i>Neoplasia</i> , 2021 , 23, 766-774	6.4	1

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2	Does the natural product, honokiol, have value in the battle against osimertinib resistance?. <i>Oncoscience</i> , 2020 , 7, 73-75	0.8	
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