

Shile Huang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3946447/shile-huang-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

135
papers

11,051
citations

49
h-index

104
g-index

169
ext. papers

12,628
ext. citations

6.4
avg, IF

6.08
L-index

#	Paper	IF	Citations
135	NOX2-derived hydrogen peroxide impedes the AMPK/Akt-mTOR signaling pathway contributing to cell death in neuronal cells.. <i>Cellular Signalling</i> , 2022 , 110330	4.9	2
134	Tracing brain genotoxic stress in Parkinson's disease with a novel single-cell genetic sensor.. <i>Science Advances</i> , 2022 , 8, eabd1700	14.3	2
133	Artesunate and Dihydroartemisinin Inhibit Rabies Virus Replication. <i>Virologica Sinica</i> , 2021 , 36, 721-729	6.4	1
132	Knocking out alpha-synuclein in melanoma cells dysregulates cellular iron metabolism and suppresses tumor growth. <i>Scientific Reports</i> , 2021 , 11, 5267	4.9	6
131	Cryptotanshinone Inhibits ER-Dependent and -Independent BCRP Oligomer Formation to Reverse Multidrug Resistance in Breast Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 624811	5.3	2
130	Cadmium Impairs Autophagy Leading to Apoptosis by Ca-Dependent Activation of JNK Signaling Pathway in Neuronal Cells. <i>Neurochemical Research</i> , 2021 , 46, 2033-2045	4.6	2
129	Reposition of the Fungicide Ciclopirox for Cancer Treatment. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2021 , 16, 122-135	2.6	2
128	RDUR, a lncRNA, Promotes Innate Antiviral Responses and Provides Feedback Control of NF- κ B Activation. <i>Frontiers in Immunology</i> , 2021 , 12, 672165	8.4	3
127	Critical role of Syk-dependent STAT1 activation in innate antiviral immunity. <i>Cell Reports</i> , 2021 , 34, 108627	10.6	13
126	Flavonoids as Inducers of Apoptosis and Autophagy in Breast Cancer 2021 , 147-196		0
125	Protein Tyrosine Phosphatase SHP2 Suppresses Host Innate Immunity against Influenza A Virus by Regulating EGFR-Mediated Signaling. <i>Journal of Virology</i> , 2021 , 95,	6.6	5
124	Newly synthesized M inhibitors as potential oral anti-SARS-CoV-2 agents. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 138	21	
123	Metformin prevents BAFF activation of Erk1/2 from B-cell proliferation and survival by impeding mTOR-PTEN/Akt signaling pathway. <i>International Immunopharmacology</i> , 2021 , 96, 107771	5.8	2
122	Deficiency of eIF4B Increases Mouse Mortality and Impairs Antiviral Immunity. <i>Frontiers in Immunology</i> , 2021 , 12, 723885	8.4	2
121	Iron chelation inhibits mTORC1 signaling involving activation of AMPK and REDD1/Bnip3 pathways. <i>Oncogene</i> , 2020 , 39, 5201-5213	9.2	6
120	Metformin attenuates cadmium-induced neuronal apoptosis in vitro via blocking ROS-dependent PP5/AMPK-JNK signaling pathway. <i>Neuropharmacology</i> , 2020 , 175, 108065	5.5	11
119	Cadmium induces mitochondrial ROS inactivation of XIAP pathway leading to apoptosis in neuronal cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2020 , 121, 105715	5.6	17

118	Rapamycin inhibits B-cell activating factor (BAFF)-stimulated cell proliferation and survival by suppressing Ca-CaMKII-dependent PTEN/Akt-Erk1/2 signaling pathway in normal and neoplastic B-lymphoid cells. <i>Cell Calcium</i> , 2020 , 87, 102171	4	7
117	Rhabdovirus Infection Is Dependent on Serine/Threonine Kinase AP2-Associated Kinase 1. <i>Life</i> , 2020 , 10,	3	2
116	Radix et Rhizoma Ginseng chemoprevents both initiation and promotion of cutaneous carcinoma by enhancing cell-mediated immunity and maintaining redox homeostasis. <i>Journal of Ginseng Research</i> , 2020 , 44, 580-592	5.8	3
115	Fisetin, a 3,7,3',4'-Tetrahydroxyflavone Inhibits the PI3K/Akt/mTOR and MAPK Pathways and Ameliorates Psoriasis Pathology in 2D and 3D Organotypic Human Inflammatory Skin Models. <i>Cells</i> , 2019 , 8,	7.9	23
114	Artesunate enhances the immune response of rabies vaccine as an adjuvant. <i>Vaccine</i> , 2019 , 37, 7478-7484	4.1	2
113	Maduramicin induces apoptosis through ROS-PP5-JNK pathway in skeletal myoblast cells and muscle tissue. <i>Toxicology</i> , 2019 , 424, 152239	4.4	5
112	Novel lncRNA-IUR suppresses Bcr-Abl-induced tumorigenesis through regulation of STAT5-CD71 pathway. <i>Molecular Cancer</i> , 2019 , 18, 84	42.1	25
111	Resveratrol inhibits Erk1/2-mediated adhesion of cancer cells via activating PP2A-PTEN signaling network. <i>Journal of Cellular Physiology</i> , 2019 , 234, 2822-2836	7	6
110	Role and Therapeutic Targeting of the PI3K/Akt/mTOR Signaling Pathway in Skin Cancer: A Review of Current Status and Future Trends on Natural and Synthetic Agents Therapy. <i>Cells</i> , 2019 , 8,	7.9	71
109	Maduramicin inactivation of Akt impairs autophagic flux leading to accumulated autophagosomes-dependent apoptosis in skeletal myoblast cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2019 , 114, 105573	5.6	1
108	Beta-elemene inhibits breast cancer metastasis through blocking pyruvate kinase M2 dimerization and nuclear translocation. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 6846-6858	5.6	27
107	ReishiMax inhibits mTORC1/2 by activating AMPK and inhibiting IGFR/PI3K/Rheb in tumor cells. <i>Signal Transduction and Targeted Therapy</i> , 2019 , 4, 21	21	14
106	Cadmium results in accumulation of autophagosomes-dependent apoptosis through activating Akt-impaired autophagic flux in neuronal cells. <i>Cellular Signalling</i> , 2019 , 55, 26-39	4.9	21
105	The bromodomain protein BRD4 positively regulates necroptosis via modulating MLKL expression. <i>Cell Death and Differentiation</i> , 2019 , 26, 1929-1941	12.7	11
104	Maduramicin induces cardiac muscle cell death by the ROS-dependent PTEN/Akt-Erk1/2 signaling pathway. <i>Journal of Cellular Physiology</i> , 2019 , 234, 10964-10976	7	9
103	BAFF inhibits autophagy promoting cell proliferation and survival by activating Ca-CaMKII-dependent Akt/mTOR signaling pathway in normal and neoplastic B-lymphoid cells. <i>Cellular Signalling</i> , 2019 , 53, 68-79	4.9	18
102	Rapamycin attenuates BAFF-extended proliferation and survival via disruption of mTORC1/2 signaling in normal and neoplastic B-lymphoid cells. <i>Journal of Cellular Physiology</i> , 2018 , 233, 516-529	7	17
101	Maduramicin induces apoptosis and necrosis, and blocks autophagic flux in myocardial H9c2 cells. <i>Journal of Applied Toxicology</i> , 2018 , 38, 366-375	4.1	9

100	Host Immune Response to Influenza A Virus Infection. <i>Frontiers in Immunology</i> , 2018 , 9, 320	8.4	164
99	Ciclopirox activates ATR-Chk1 signaling pathway leading to Cdc25A protein degradation. <i>Genes and Cancer</i> , 2018 , 9, 39-52	2.9	9
98	Maduramicin-activated protein phosphatase 2A results in extracellular signal-regulated kinase 1/2 inhibition, leading to cytotoxicity in myocardial H9c2 cells. <i>Toxicology Letters</i> , 2018 , 284, 96-102	4.4	7
97	Ganoderma lucidum Polysaccharides as An Anti-cancer Agent. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 667-674	2.2	55
96	Interaction of Abl Tyrosine Kinases with SOCS3 Impairs Its Suppressor Function in Tumorigenesis. <i>Neoplasia</i> , 2018 , 20, 1095-1105	6.4	2
95	Celastrol ameliorates Cd-induced neuronal apoptosis by targeting NOX2-derived ROS-dependent PP5-JNK signaling pathway. <i>Journal of Neurochemistry</i> , 2017 , 141, 48-62	6	33
94	Understanding of leukemic stem cells and their clinical implications. <i>Molecular Cancer</i> , 2017 , 16, 2	42.1	37
93	Human T-cell lymphotropic virus type 1 and its oncogenesis. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 1093-1103		25
92	Celastrol Attenuates Cadmium-Induced Neuronal Apoptosis via Inhibiting Ca ²⁺ -CaMKII-Dependent Akt/mTOR Pathway. <i>Journal of Cellular Physiology</i> , 2017 , 232, 2145-2157	7	26
91	SKLB188 inhibits the growth of head and neck squamous cell carcinoma by suppressing EGFR signalling. <i>British Journal of Cancer</i> , 2017 , 117, 1154-1163	8.7	8
90	Celastrol prevents cadmium-induced neuronal cell death by blocking reactive oxygen species-mediated mammalian target of rapamycin pathway. <i>British Journal of Pharmacology</i> , 2017 , 174, 82-100	8.6	28
89	Ciclopirox inhibits cancer cell proliferation by suppression of Cdc25A. <i>Genes and Cancer</i> , 2017 , 8, 505-516	6.9	16
88	Ciclopirox olamine inhibits mTORC1 signaling by activation of AMPK. <i>Biochemical Pharmacology</i> , 2016 , 116, 39-50	6	19
87	IL-2, IL-4, IFN- γ or TNF- α enhances BAFF-stimulated cell viability and survival by activating Erk1/2 and S6K1 pathways in neoplastic B-lymphoid cells. <i>Cytokine</i> , 2016 , 84, 37-46	4	11
86	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
85	Rapamycin ameliorates cadmium-induced activation of MAPK pathway and neuronal apoptosis by preventing mitochondrial ROS inactivation of PP2A. <i>Neuropharmacology</i> , 2016 , 105, 270-284	5.5	48
84	Infection of goats with goatpox virus triggers host antiviral defense through activation of innate immune signaling. <i>Research in Veterinary Science</i> , 2016 , 104, 40-9	2.5	3
83	eIF4B is a convergent target and critical effector of oncogenic Pim and PI3K/Akt/mTOR signaling pathways in Abl transformants. <i>Oncotarget</i> , 2016 , 7, 10073-89	3.3	17

82	Crosstalk between Ca ²⁺ signaling and mitochondrial H ₂ O ₂ is required for rotenone inhibition of mTOR signaling pathway leading to neuronal apoptosis. <i>Oncotarget</i> , 2016 , 7, 7534-49	3.3	20
81	Repositioning the Old Fungicide Ciclopirox for New Medical Uses. <i>Current Pharmaceutical Design</i> , 2016 , 22, 4443-50	3.3	26
80	Rapamycin prevents cadmium-induced neuronal cell death via targeting both mTORC1 and mTORC2 pathways. <i>Neuropharmacology</i> , 2015 , 97, 35-45	5.5	16
79	Rapamycin inhibits BAFF-stimulated cell proliferation and survival by suppressing mTOR-mediated PP2A-Erk1/2 signaling pathway in normal and neoplastic B-lymphoid cells. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 4867-84	10.3	29
78	Robust expression of vault RNAs induced by influenza A virus plays a critical role in suppression of PKR-mediated innate immunity. <i>Nucleic Acids Research</i> , 2015 , 43, 10321-37	20.1	52
77	A deut of mTORC1/2 for cell adhesion. <i>Cell Cycle</i> , 2015 , 14, 1131-2	4.7	0
76	Muscovy duck reovirus infection rapidly activates host innate immune signaling and induces an effective antiviral immune response involving critical interferons. <i>Veterinary Microbiology</i> , 2015 , 175, 232-43	3.3	12
75	A long noncoding RNA critically regulates Bcr-Abl-mediated cellular transformation by acting as a competitive endogenous RNA. <i>Oncogene</i> , 2015 , 34, 1768-79	9.2	127
74	Rotenone induction of hydrogen peroxide inhibits mTOR-mediated S6K1 and 4E-BP1/eIF4E pathways, leading to neuronal apoptosis. <i>Toxicological Sciences</i> , 2015 , 143, 81-96	4.4	66
73	PP2A Level in Colorectal Cancer Cells Predicts the Response of p38 Targeted Therapy. <i>EBioMedicine</i> , 2015 , 2, 1848-9	8.8	2
72	Resveratrol prevents cadmium activation of Erk1/2 and JNK pathways from neuronal cell death via protein phosphatases 2A and 5. <i>Journal of Neurochemistry</i> , 2015 , 135, 466-78	6	23
71	Downregulation of Integrins in Cancer Cells and Anti-Platelet Properties Are Involved in Holothurian Glycosaminoglycan-Mediated Disruption of the Interaction of Cancer Cells and Platelets in Hematogenous Metastasis. <i>Journal of Vascular Research</i> , 2015 , 52, 197-209	1.9	12
70	Rapamycin inhibits mSin1 phosphorylation independently of mTORC1 and mTORC2. <i>Oncotarget</i> , 2015 , 6, 4286-98	3.3	18
69	Both mTORC1 and mTORC2 are involved in the regulation of cell adhesion. <i>Oncotarget</i> , 2015 , 6, 7136-50	3.3	19
68	Rapamycin inhibits Erk1/2-mediated neuronal apoptosis caused by cadmium. <i>Oncotarget</i> , 2015 , 6, 21452-57	3.3	9
67	Fusarochromanone-induced reactive oxygen species results in activation of JNK cascade and cell death by inhibiting protein phosphatases 2A and 5. <i>Oncotarget</i> , 2015 , 6, 42322-33	3.3	8
66	N-acetyl-L-cysteine protects against cadmium-induced neuronal apoptosis by inhibiting ROS-dependent activation of Akt/mTOR pathway in mouse brain. <i>Neuropathology and Applied Neurobiology</i> , 2014 , 40, 759-77	5.2	77
65	Celastrol prevents cadmium-induced neuronal cell death via targeting JNK and PTEN-Akt/mTOR network. <i>Journal of Neurochemistry</i> , 2014 , 128, 256-266	6	38

64	Dihydroartemisinin inhibits the mammalian target of rapamycin-mediated signaling pathways in tumor cells. <i>Carcinogenesis</i> , 2014 , 35, 192-200	4.6	38
63	Influenza A virus-induced degradation of eukaryotic translation initiation factor 4B contributes to viral replication by suppressing IFITM3 protein expression. <i>Journal of Virology</i> , 2014 , 88, 8375-85	6.6	54
62	BAFF activates Erk1/2 promoting cell proliferation and survival by Ca ²⁺ -CaMKII-dependent inhibition of PP2A in normal and neoplastic B-lymphoid cells. <i>Biochemical Pharmacology</i> , 2014 , 87, 332-43	6	18
61	Activation of AMPK and inactivation of Akt result in suppression of mTOR-mediated S6K1 and 4E-BP1 pathways leading to neuronal cell death in in vitro models of Parkinson's disease. <i>Cellular Signalling</i> , 2014 , 26, 1680-1689	4.9	108
60	Maduramicin inhibits proliferation and induces apoptosis in myoblast cells. <i>PLoS ONE</i> , 2014 , 9, e115652	3.7	19
59	Biological activities of fusarochromanone: a potent anti-cancer agent. <i>BMC Research Notes</i> , 2014 , 7, 601	2.3	9
58	Suppression of interferon lambda signaling by SOCS-1 results in their excessive production during influenza virus infection. <i>PLoS Pathogens</i> , 2014 , 10, e1003845	7.6	76
57	A critical role of CDKN3 in Bcr-Abl-mediated tumorigenesis. <i>PLoS ONE</i> , 2014 , 9, e111611	3.7	16
56	Fusarochromanone induces G1 cell cycle arrest and apoptosis in COS7 and HEK293 cells. <i>PLoS ONE</i> , 2014 , 9, e112641	3.7	4
55	Ciclopirox induces autophagy through reactive oxygen species-mediated activation of JNK signaling pathway. <i>Oncotarget</i> , 2014 , 5, 10140-50	3.3	64
54	PKM2 regulates hepatocellular carcinoma cell epithelial-mesenchymal transition and migration upon EGFR activation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 1961-70	1.7	38
53	Avermectin induces P-glycoprotein expression in S2 cells via the calcium/calmodulin/NF- κ B pathway. <i>Chemico-Biological Interactions</i> , 2013 , 203, 430-9	5	31
52	Inhibition of vascular endothelial growth factor-mediated angiogenesis involved in reproductive toxicity induced by sesquiterpenoids of <i>Curcuma zedoaria</i> in rats. <i>Reproductive Toxicology</i> , 2013 , 37, 62-9	3.4	16
51	eIF4B phosphorylation by pim kinases plays a critical role in cellular transformation by Abl oncogenes. <i>Cancer Research</i> , 2013 , 73, 4898-908	10.1	51
50	Concerted suppression of STAT3 and GSK3 β s involved in growth inhibition of non-small cell lung cancer by Xanthatin. <i>PLoS ONE</i> , 2013 , 8, e81945	3.7	22
49	Hitting the golden TORget: curcumin's effects on mTOR signaling. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013 , 13, 988-94	2.2	32
48	Molecular evidence of cryptotanshinone for treatment and prevention of human cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013 , 13, 979-87	2.2	68
47	Transport of influenza virus neuraminidase (NA) to host cell surface is regulated by ARHGAP21 and Cdc42 proteins. <i>Journal of Biological Chemistry</i> , 2012 , 287, 9804-9816	5.4	62

46	Rapamycin inhibits lymphatic endothelial cell tube formation by downregulating vascular endothelial growth factor receptor 3 protein expression. <i>Neoplasia</i> , 2012 , 14, 228-37	6.4	52
45	βSynuclein disrupts stress signaling by inhibiting polo-like kinase Cdc5/Plk2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16119-24	11.5	31
44	Human albumin prevents 6-hydroxydopamine-induced loss of tyrosine hydroxylase in in vitro and in vivo. <i>PLoS ONE</i> , 2012 , 7, e41226	3.7	17
43	Cryptotanshinone activates p38/JNK and inhibits Erk1/2 leading to caspase-independent cell death in tumor cells. <i>Cancer Prevention Research</i> , 2012 , 5, 778-87	3.2	63
42	Curcumin inhibits protein phosphatases 2A and 5, leading to activation of mitogen-activated protein kinases and death in tumor cells. <i>Carcinogenesis</i> , 2012 , 33, 868-75	4.6	59
41	The role of Cdc25A in the regulation of cell proliferation and apoptosis. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012 , 12, 631-9	2.2	108
40	Current development of the second generation of mTOR inhibitors as anticancer agents. <i>Chinese Journal of Cancer</i> , 2012 , 31, 8-18		67
39	Triclabendazole protects yeast and mammalian cells from oxidative stress: identification of a potential neuroprotective compound. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 414, 205-8	3.4	2
38	Role of mTOR signaling in tumor cell motility, invasion and metastasis. <i>Current Protein and Peptide Science</i> , 2011 , 12, 30-42	2.8	187
37	The targets of curcumin. <i>Current Drug Targets</i> , 2011 , 12, 332-47	3	504
36	CaMKII is involved in cadmium activation of MAPK and mTOR pathways leading to neuronal cell death. <i>Journal of Neurochemistry</i> , 2011 , 119, 1108-18	6	73
35	The fungicide ciclopirox inhibits lymphatic endothelial cell tube formation by suppressing VEGFR-3-mediated ERK signaling pathway. <i>Oncogene</i> , 2011 , 30, 2098-107	9.2	24
34	Cadmium induction of reactive oxygen species activates the mTOR pathway, leading to neuronal cell death. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 624-32	7.8	181
33	Cryptotanshinone has diverse effects on cell cycle events in melanoma cell lines with different metastatic capacity. <i>Cancer Chemotherapy and Pharmacology</i> , 2011 , 68, 17-27	3.5	29
32	Cryptotanshinone inhibits lymphatic endothelial cell tube formation by suppressing VEGFR-3/ERK and small GTPase pathways. <i>Cancer Prevention Research</i> , 2011 , 4, 2083-91	3.2	17
31	Pharmacological and clinical properties of curcumin. <i>Botanics: Targets and Therapy</i> , 2011 , 5		11
30	Calcium signaling is involved in cadmium-induced neuronal apoptosis via induction of reactive oxygen species and activation of MAPK/mTOR network. <i>PLoS ONE</i> , 2011 , 6, e19052	3.7	136
29	Hydrogen peroxide inhibits mTOR signaling by activation of AMPKα leading to apoptosis of neuronal cells. <i>Laboratory Investigation</i> , 2010 , 90, 762-73	5.9	188

28	mTOR signaling in cancer cell motility and tumor metastasis. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2010 , 20, 1-16	1.3	56
27	Rapamycin inhibits IGF-1 stimulated cell motility through PP2A pathway. <i>PLoS ONE</i> , 2010 , 5, e10578	3.7	33
26	Rapamycin inhibits cytoskeleton reorganization and cell motility by suppressing RhoA expression and activity. <i>Journal of Biological Chemistry</i> , 2010 , 285, 38362-73	5.4	101
25	Cryptotanshinone inhibits cancer cell proliferation by suppressing Mammalian target of rapamycin-mediated cyclin D1 expression and Rb phosphorylation. <i>Cancer Prevention Research</i> , 2010 , 3, 1015-25	3.2	77
24	Updates of mTOR inhibitors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2010 , 10, 571-81	2.2	139
23	The complexes of mammalian target of rapamycin. <i>Current Protein and Peptide Science</i> , 2010 , 11, 409-242.8	2.8	91
22	The antitumor activity of the fungicide ciclopirox. <i>International Journal of Cancer</i> , 2010 , 127, 2467-77	7.5	70
21	Curcumin disrupts the Mammalian target of rapamycin-raptor complex. <i>Cancer Research</i> , 2009 , 69, 1000-80.1	8.1	181
20	Hydrogen peroxide-induced neuronal apoptosis is associated with inhibition of protein phosphatase 2A and 5, leading to activation of MAPK pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 1284-95	5.6	175
19	Rapamycin inhibits F-actin reorganization and phosphorylation of focal adhesion proteins. <i>Oncogene</i> , 2008 , 27, 4998-5010	9.2	127
18	MAPK and mTOR pathways are involved in cadmium-induced neuronal apoptosis. <i>Journal of Neurochemistry</i> , 2008 , 105, 251-61	6	118
17	Cadmium activates the mitogen-activated protein kinase (MAPK) pathway via induction of reactive oxygen species and inhibition of protein phosphatases 2A and 5. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 1035-44	7.8	198
16	Curcumin inhibition of integrin (alpha6beta4)-dependent breast cancer cell motility and invasion. <i>Cancer Prevention Research</i> , 2008 , 1, 385-91	3.2	52
15	Negative regulation of ASK1 by p21Cip1 involves a small domain that includes Serine 98 that is phosphorylated by ASK1 in vivo. <i>Molecular and Cellular Biology</i> , 2007 , 27, 3530-41	4.8	46
14	Curcumin inhibits the mammalian target of rapamycin-mediated signaling pathways in cancer cells. <i>International Journal of Cancer</i> , 2006 , 119, 757-64	7.5	211
13	Predicted mechanisms of resistance to mTOR inhibitors. <i>British Journal of Cancer</i> , 2006 , 95, 955-60	8.7	74
12	Rapamycin inhibits cell motility by suppression of mTOR-mediated S6K1 and 4E-BP1 pathways. <i>Oncogene</i> , 2006 , 25, 7029-40	9.2	158
11	Inhibition of mammalian target of rapamycin activates apoptosis signal-regulating kinase 1 signaling by suppressing protein phosphatase 5 activity. <i>Journal of Biological Chemistry</i> , 2004 , 279, 36490-4	5.4	93

10	Sustained activation of the JNK cascade and rapamycin-induced apoptosis are suppressed by p53/p21(Cip1). <i>Molecular Cell</i> , 2003 , 11, 1491-501	17.6	198
9	Targeting mTOR signaling for cancer therapy. <i>Current Opinion in Pharmacology</i> , 2003 , 3, 371-7	5.1	369
8	Rapamycins: mechanism of action and cellular resistance. <i>Cancer Biology and Therapy</i> , 2003 , 2, 222-32	4.6	261
7	Insulin-like growth factor I-mediated protection from rapamycin-induced apoptosis is independent of Ras-Erk1-Erk2 and phosphatidylinositol 3Kinase-Akt signaling pathways. <i>Cancer Research</i> , 2003 , 63, 364-74	10.1	55
6	Inhibitors of mammalian target of rapamycin as novel antitumor agents: from bench to clinic. <i>Current Opinion in Investigational Drugs</i> , 2002 , 3, 295-304		84
5	Resistance to rapamycin: a novel anticancer drug. <i>Cancer and Metastasis Reviews</i> , 2001 , 20, 69-78	9.6	39
4	Mechanisms of resistance to rapamycins. <i>Drug Resistance Updates</i> , 2001 , 4, 378-91	23.2	106
3	NADPH-diaphorase activity and nitric oxide synthase activity in the kidney of the clawed frog, <i>Xenopus laevis</i> . <i>Cell and Tissue Research</i> , 2000 , 301, 405-11	4.2	9
2	Nitric oxide-mediated cGMP synthesis in <i>Helix</i> neural ganglia. <i>Brain Research</i> , 1998 , 780, 329-36	3.7	31
1	Biochemical characterization and histochemical localization of nitric oxide synthase in the nervous system of the snail, <i>Helix pomatia</i> . <i>Journal of Neurochemistry</i> , 1997 , 69, 2516-28	6	73