CITATION REPORT List of articles citing

FOXO transcription factors directly activate bim gene expression and promote apoptosis in sympathetic neurons

DOI: 10.1083/jcb.200303026 Journal of Cell Biology, 2003, 162, 613-22.

Source: https://exaly.com/paper-pdf/35835905/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
565	FoxO3a transcriptional regulation of Bim controls apoptosis in paclitaxel-treated breast cancer cell lines. 2003 , 278, 49795-805		396
564	Navigating novel mechanisms of cellular plasticity with the NAD+ precursor and nutrient nicotinamide. 2004 , 9, 2500-20		54
563	Bim is an apoptosis sensor that responds to loss of survival signals delivered by epidermal growth factor but not those provided by integrins. 2004 , 279, 41280-5		33
562	Inhibition of glucocorticoid-induced apoptosis by targeting the major splice variants of BIM mRNA with small interfering RNA and short hairpin RNA. 2004 , 279, 55809-17		96
561	Phosphatidylinositol 3-kinase and Akt effectors mediate insulin-like growth factor-l neuroprotection in dorsal root ganglia neurons. 2004 , 18, 1544-6		134
560	Regulation of caspase-3 and -9 activation in oxidant stress to RTE by forkhead transcription factors, Bcl-2 proteins, and MAP kinases. 2004 , 287, F1258-68		50
559	Erythropoietin on a tightrope: balancing neuronal and vascular protection between intrinsic and extrinsic pathways. 2004 , 13, 265-89		94
558	Aktion in the nucleus. 2004 , 94, 856-9		29
557	Translocation of full-length Bid to mitochondria during anoikis. 2004 , 279, 32848-57		83
556	Androgens negatively regulate forkhead transcription factor FKHR (FOXO1) through a proteolytic mechanism in prostate cancer cells. 2004 , 279, 13866-77		52
555	Pancreatic beta-cell growth and survival in the onset of type 2 diabetes: a role for protein kinase B in the Akt?. 2004 , 287, E192-8		129
554	Cell cycle molecules and vertebrate neuron death: E2F at the hub. 2004 , 11, 49-60		95
553	Men are but worms: neuronal cell death in C elegans and vertebrates. 2004 , 11, 38-48		66
552	Transcriptional control of the core cell-death machinery. 2004 , 29, 193-9		60
551	Foxo3a induces motoneuron death through the Fas pathway in cooperation with JNK. 2004 , 5, 48		79
550	Cytokine-mediated cell survival. 2004 , 80, 210-4		14
549	Apoptosis regulation in the mammary gland. 2004 , 61, 1867-83		74

(2005-2004)

548	The ins and outs of FoxO shuttling: mechanisms of FoxO translocation and transcriptional regulation. 2004 , 380, 297-309	556
547	Extracellular signal-regulated kinases 1/2 are serum-stimulated "Bim(EL) kinases" that bind to the BH3-only protein Bim(EL) causing its phosphorylation and turnover. 2004 , 279, 8837-47	156
546	Early neural cell death: dying to become neurons. 2004 , 274, 233-44	117
545	Cell cycle regulation of neuronal apoptosis in development and disease. 2004 , 72, 1-25	245
544	Foxo transcription factors induce the atrophy-related ubiquitin ligase atrogin-1 and cause skeletal muscle atrophy. 2004 , 117, 399-412	2133
543	GILZ, a new target for the transcription factor FoxO3, protects T lymphocytes from interleukin-2 withdrawal-induced apoptosis. 2004 , 104, 215-23	115
542	Anoikis. 2004 , 32, 421-5	108
541	Granulocyte apoptosis: who would work with a 'real' inflammatory cell?. 2004 , 32, 447-51	13
540	A forkhead in the road to longevity: the molecular basis of lifespan becomes clearer. 2005 , 23, 1285-309	72
539	Transcriptional regulation of neuronal genes and its effect on neural functions: expression and function of forkhead transcription factors in neurons. 2005 , 98, 205-11	65
538	Stem cell factor promotes mast cell survival via inactivation of FOXO3a-mediated transcriptional induction and MEK-regulated phosphorylation of the proapoptotic protein Bim. 2005 , 106, 1330-6	99
537	Nuclear/cytoplasmic shuttling of the transcription factor FoxO1 is regulated by neurotrophic factors. 2005 , 93, 1209-19	42
536	Distinct mechanisms of neuronal apoptosis are triggered by antagonism of Bcl-2/Bcl-x(L) versus induction of the BH3-only protein Bim. 2005 , 94, 22-36	20
535	JNK inhibitory kinase is up-regulated in retinal ganglion cells after axotomy and enhances BimEL expression level in neuronal cells. 2005 , 95, 526-36	17
534	Apoptosis of non-small-cell lung cancer cell lines after paclitaxel treatment involves the BH3-only proapoptotic protein Bim. 2005 , 12, 292-303	105
533	Regulatory phosphorylation of Bim: sorting out the ERK from the JNK. 2005 , 12, 1008-14	247
532	BH3-only proteins: key regulators of neuronal apoptosis. 2005 , 12, 1015-20	26
531	Anoikis. 2005 , 12 Suppl 2, 1473-7	439

530	Induction of prosurvival molecules by apoptotic stimuli: involvement of FOXO3a and ROS. <i>Oncogene</i> , 2005 , 24, 2020-31	9.2	83
529	Direct transcriptional regulation of Bim by FoxO3a mediates STI571-induced apoptosis in Bcr-Abl-expressing cells. <i>Oncogene</i> , 2005 , 24, 2317-29	9.2	245
528	FOXO transcription factors at the interface between longevity and tumor suppression. <i>Oncogene</i> , 2005 , 24, 7410-25	9.2	1007
527	Structure and function of the upstream promotor of the human Mafbx gene: the proximal upstream promotor modulates tissue-specificity. 2005 , 96, 209-19		13
526	The role of insulin and IGF-1 signaling in longevity. 2005 , 62, 320-43		134
525	Structure of the human Bim gene and its transcriptional regulation in Baf-3, interleukin-3-dependent hematopoietic cells. 2005 , 32, 79-85		9
524	Employing new cellular therapeutic targets for Alzheimer's disease: a change for the better?. 2005 , 2, 55-72		38
523	Increased expression of Mcl-1 is required for protection against serum starvation in phosphatase and tensin homologue on chromosome 10 null mouse embryonic fibroblasts, but repression of Bim is favored in human glioblastomas. 2005 , 280, 33280-8		12
522	AKT activation promotes metastasis in a mouse model of follicular thyroid carcinoma. 2005 , 146, 4456-	63	92
521	Skp2 inhibits FOXO1 in tumor suppression through ubiquitin-mediated degradation. 2005 , 102, 1649-5	4	417
520	Transforming growth factor beta-dependent sequential activation of Smad, Bim, and caspase-9 mediates physiological apoptosis in gastric epithelial cells. 2005 , 25, 10017-28		77
519	Inhibition of NGF deprivation-induced death by low oxygen involves suppression of BIMEL and activation of HIF-1. <i>Journal of Cell Biology</i> , 2005 , 168, 911-20	7-3	37
518	FOXO1 functions as a master switch that regulates gene expression necessary for tumor necrosis factor-induced fibroblast apoptosis. 2005 , 280, 12096-102		95
517	Inhibitors of histone deacetylases target the Rb-E2F1 pathway for apoptosis induction through activation of proapoptotic protein Bim. 2005 , 102, 16090-5		207
516	Low-level expression of proapoptotic Bcl-2-interacting mediator in leukemic cells in patients with chronic myeloid leukemia: role of BCR/ABL, characterization of underlying signaling pathways, and reexpression by novel pharmacologic compounds. 2005 , 65, 9436-44		76
515	Mutually exclusive subsets of BH3-only proteins are activated by the p53 and c-Jun N-terminal kinase/c-Jun signaling pathways during cortical neuron apoptosis induced by arsenite. 2005 , 25, 8732-4	17	69
514	Bim is a direct target of a neuronal E2F-dependent apoptotic pathway. 2005 , 25, 8349-58		88
513	Blockade of epidermal growth factor receptors chemosensitizes breast cancer cells through up-regulation of Bnip3L. 2005 , 65, 8151-7		59

(2006-2005)

512	involvement of novel transcriptional and translational mechanisms. 2005 , 24, 563-73	13
511	FOXO-dependent expression of the proapoptotic protein Bim: pivotal role for apoptosis signaling in endothelial progenitor cells. 2005 , 19, 974-6	175
510	Phosphorylation and down-regulation of Bim by muscarinic cholinergic receptor activation via protein kinase C. 2005 , 47, 519-27	10
509	Activity deprivation-dependent induction of the proapoptotic BH3-only protein Bim is independent of JNK/c-Jun activation during apoptosis in cerebellar granule neurons. 2005 , 375, 7-12	22
508	Enteric neuroblasts require the phosphatidylinositol 3-kinase/Akt/Forkhead pathway for GDNF-stimulated survival. <i>Molecular and Cellular Neurosciences</i> , 2005 , 29, 107-19	57
507	Transcriptional factor FOXL2 interacts with DP103 and induces apoptosis. 2005 , 336, 876-81	57
506	Stress in the brain: novel cellular mechanisms of injury linked to Alzheimer's disease. 2005 , 49, 1-21	121
505	Cytokine mediated suppression of TF-1 apoptosis requires PI3K activation and inhibition of Bim expression. 2005 , 579, 191-8	11
504	Oxidative stress in the brain: novel cellular targets that govern survival during neurodegenerative disease. 2005 , 75, 207-46	438
503	FoxO proteins in insulin action and metabolism. 2005 , 16, 183-9	455
502	Regulation of transactivation-independent proapoptotic activity of p53 by FOXO3a. 2006, 103, 9051-6	119
501	CDK2-dependent phosphorylation of FOXO1 as an apoptotic response to DNA damage. 2006 , 314, 294-7	253
500	FOXO factors: a matter of life and death. 2006 , 2, 83-9	78
499	In control of biology: of mice, men and Foxes. 2006 , 397, 233-46	121
498	Mutational screening of FOXO3A and FOXO1A in women with premature ovarian failure. 2006 , 86, 1518-21	89
497	A conserved MST-FOXO signaling pathway mediates oxidative-stress responses and extends life span. 2006 , 125, 987-1001	653
496	Proteasome inhibition induces both pro- and anti-cell death pathways in prostate cancer cells. 2006 , 243, 217-27	44
495	Cross-talk between IGF-I and TGF-beta signaling pathways. 2006 , 17, 59-74	69

494	Insulin signaling in the central nervous system: learning to survive. 2006 , 79, 205-21	322
493	K+ regulates DNA binding of transcription factors to control gene expression related to neuronal apoptosis. 2006 , 17, 1199-204	12
492	Neuronal protection by sirtuins in Alzheimer's disease. 2006 , 96, 305-13	128
491	Signaling through the TRAIL receptor DR5/FADD pathway plays a role in the apoptosis associated with skeletal myoblast differentiation. 2006 , 11, 2103-13	22
490	Identification of forkhead transcription factors in cortical and dopaminergic areas of the adult murine brain. 2006 , 1068, 23-33	25
489	Selective involvement of BH3-only Bcl-2 family members Bim and Bad in neonatal hypoxia-ischemia. 2006 , 1099, 150-9	52
488	Resveratrola boon for treating Alzheimer's disease?. 2006 , 52, 316-26	262
487	Evidence that Ser87 of BimEL is phosphorylated by Akt and regulates BimEL apoptotic function. 2006 , 281, 813-23	182
486	Nuclear translocation of EndoG at the initiation of disuse muscle atrophy and apoptosis is specific to myonuclei. 2006 , 291, R1730-40	94
485	Cell Life versus cell longevity: the mysteries surrounding the NAD+ precursor nicotinamide. 2006 , 13, 883-95	101
484	Group I metabotropic receptor neuroprotection requires Akt and its substrates that govern FOXO3a, Bim, and beta-catenin during oxidative stress. 2006 , 3, 107-17	64
483	Glucose regulates Foxo1 through insulin receptor signaling in the pancreatic islet beta-cell. 2006 , 55, 1581-91	98
482	Bim and Noxa are candidates to mediate the deleterious effect of the NF-kappa B subunit RelA in cerebral ischemia. 2006 , 26, 12896-903	109
481	The RUNX3 tumor suppressor upregulates Bim in gastric epithelial cells undergoing transforming growth factor beta-induced apoptosis. 2006 , 26, 4474-88	132
480	Protein phosphatase 2A regulates bim expression via the Akt/FKHRL1 signaling pathway in amyloid-beta peptide-induced cerebrovascular endothelial cell death. 2006 , 26, 2290-9	60
479	Thimerosal induces apoptosis in a neuroblastoma model via the cJun N-terminal kinase pathway. 2006 , 92, 246-53	19
478	Imatinib spells BAD news for Bcr/abl-positive leukemias. 2006 , 103, 14651-2	8
477	Thymocyte negative selection is mediated by protein kinase C- and Ca2+-dependent transcriptional induction of bim [corrected]. 2006 , 176, 2299-306	60

(2007-2006)

476	Rapid degradation of Bim by the ubiquitin-proteasome pathway mediates short-term ischemic tolerance in cultured neurons. 2006 , 281, 7429-36	83
475	Human melanoma cells selected for resistance to apoptosis by prolonged exposure to tumor necrosis factor-related apoptosis-inducing ligand are more vulnerable to necrotic cell death induced by cisplatin. 2006 , 12, 1355-64	55
474	RUNX3 cooperates with FoxO3a to induce apoptosis in gastric cancer cells. 2006 , 281, 5267-76	111
473	Role of the Akt/FoxO3a pathway in TGF-beta1-mediated mesangial cell dysfunction: a novel mechanism related to diabetic kidney disease. 2006 , 17, 3325-35	141
472	Transcriptional regulation of Bim by FoxO3A mediates hepatocyte lipoapoptosis. 2007 , 282, 27141-27154	156
471	Bim expression indicates the pathway to retinal cell death in development and degeneration. 2007 , 27, 10887-94	26
470	Pro-apoptotic Bim induction in response to nerve growth factor deprivation requires simultaneous activation of three different death signaling pathways. 2007 , 282, 29368-74	80
469	Dynamic FoxO transcription factors. 2007 , 120, 2479-87	852
468	Inhibition of phosphatidylinositol 3-kinase delays tumor progression and blocks metastatic spread in a mouse model of thyroid cancer. 2007 , 28, 2451-8	90
467	Protease-activated receptor-1 (hPar1), a survival factor eliciting tumor progression. 2007 , 5, 229-40	30
466	Posttranscriptional orchestration of an anti-apoptotic program by HuR. 2007 , 6, 1288-92	197
465	Induction of Mxi1-SR alpha by FOXO3a contributes to repression of Myc-dependent gene expression. 2007 , 27, 4917-30	143
464	Anoikis, initiated by Mcl-1 degradation and Bim induction, is deregulated during oncogenesis. 2007 , 67, 10744-52	78
463	The Dichotomy of NMDA Receptor Signaling. <i>Neuroscientist</i> , 2007 , 13, 572-579 7.6	101
462	Latent protein LANA2 from Kaposi's sarcoma-associated herpesvirus interacts with 14-3-3 proteins and inhibits FOXO3a transcription factor. 2007 , 81, 1511-6	39
461	A novel role for p73 in the regulation of Akt-Foxo1a-Bim signaling and apoptosis induced by the plant lectin, Concanavalin A. 2007 , 67, 5617-21	56
460	Selenium sensitizes MCF-7 breast cancer cells to doxorubicin-induced apoptosis through modulation of phospho-Akt and its downstream substrates. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 103 1-8	100
459	14-3-3 Integrates prosurvival signals mediated by the AKT and MAPK pathways in ZNF198-FGFR1-transformed hematopoietic cells. 2007 , 110, 360-9	50

458	Cell cycle molecules define a pathway required for neuron death in development and disease. 2007 , 1772, 392-401	94
457	Cytokines direct the regulation of Bim mRNA stability by heat-shock cognate protein 70. 2007 , 25, 99-112	92
456	Forkhead protein FKHR and its phosphorylated form p-FKHR in human prostate cancer. 2007, 38, 1501-7	29
455	Lithium reduces FoxO3a transcriptional activity by decreasing its intracellular content. 2007 , 62, 1423-30	34
454	Akt1 in osteoblasts and osteoclasts controls bone remodeling. <i>PLoS ONE</i> , 2007 , 2, e1058 3.7	184
453	Downregulation of Bim by brain-derived neurotrophic factor activation of TrkB protects neuroblastoma cells from paclitaxel but not etoposide or cisplatin-induced cell death. 2007 , 14, 318-26	56
452	FKHRL1-mediated expression of Noxa and Bim induces apoptosis via the mitochondria in neuroblastoma cells. 2007 , 14, 534-47	142
451	ERK1/2-dependent phosphorylation of BimEL promotes its rapid dissociation from Mcl-1 and Bcl-xL. 2007 , 26, 2856-67	143
450	Apoptosis commitmenttranslating survival signals into decisions on mitochondria. 2007, 17, 976-84	65
449	A Critical role for Bim in retinal ganglion cell death. 2007 , 102, 922-30	40
448	FOXO transcription factors in ageing and cancer. 2008 , 192, 19-28	128
447	E2F-1 regulates expression of FOXO1 and FOXO3a. 2007 , 1769, 244-52	55
446	The JNK signal transduction pathway. 2007 , 19, 142-9	780
445	c-Cbl is not required for ERK1/2-dependent degradation of BimEL. 2007 , 19, 2605-11	22
444	Posttranslational regulation of Bim by caspase-3. 2007 , 1116, 271-80	9
443	Negative feedback loop in the Bim-caspase-3 axis regulating apoptosis and activity of osteoclasts. 2007 , 22, 1631-9	29
442	Identification and characterization of BH3 domain protein Bim and its isoforms in human hepatocellular carcinomas. 2007 , 12, 1691-701	19
441	Increased expression of the pro-apoptotic Bcl2 family member PUMA is required for mitochondrial release of cytochrome C and the apoptosis associated with skeletal myoblast differentiation. 2007 , 12, 2143-54	33

(2008-2008)

440	deprivation by suppressing Bim induction. 2008 , 33, 1845-51		47
439	p38 MAP kinase mediates arsenite-induced apoptosis through FOXO3a activation and induction of Bim transcription. 2008 , 13, 803-10		41
438	Identification of a candidate alternative promoter region of the human Bcl2L11 (Bim) gene. 2008 , 9, 56		6
437	Inhibition of PI3K/AKT and MEK/ERK pathways act synergistically to enhance antiangiogenic effects of EGCG through activation of FOXO transcription factor. 2008 , 3, 7		76
436	Differential expression of genes for transcription factors in theca and granulosa cells following selection of a dominant follicle in cattle. 2008 , 75, 904-14		20
435	Importance of forkhead transcription factor Fkhl18 for development of testicular vasculature. 2008 , 75, 1361-71		16
434	Analysis of Ret knockin mice reveals a critical role for IKKs, but not PI 3-K, in neurotrophic factor-induced survival of sympathetic neurons. 2008 , 15, 1510-21		24
433	CDK1 promotes cell proliferation and survival via phosphorylation and inhibition of FOXO1 transcription factor. <i>Oncogene</i> , 2008 , 27, 4733-44	9.2	114
432	FOXOs, cancer and regulation of apoptosis. <i>Oncogene</i> , 2008 , 27, 2312-9	9.2	427
431	Class I PI3K in oncogenic cellular transformation. <i>Oncogene</i> , 2008 , 27, 5486-96	9.2	457
431	Class I PI3K in oncogenic cellular transformation. <i>Oncogene</i> , 2008 , 27, 5486-96 Colorectal cancer cells with the BRAF(V600E) mutation are addicted to the ERK1/2 pathway for growth factor-independent survival and repression of BIM. <i>Oncogene</i> , 2008 , 27, 7150-61	9.2	457 55
	Colorectal cancer cells with the BRAF(V600E) mutation are addicted to the ERK1/2 pathway for		
430	Colorectal cancer cells with the BRAF(V600E) mutation are addicted to the ERK1/2 pathway for growth factor-independent survival and repression of BIM. <i>Oncogene</i> , 2008 , 27, 7150-61 Deregulation of Cdk2 causes Bim-mediated apoptosis in p53-deficient tumors following actin	9.2	55
430	Colorectal cancer cells with the BRAF(V600E) mutation are addicted to the ERK1/2 pathway for growth factor-independent survival and repression of BIM. <i>Oncogene</i> , 2008 , 27, 7150-61 Deregulation of Cdk2 causes Bim-mediated apoptosis in p53-deficient tumors following actin damage. <i>Oncogene</i> , 2008 , 27, 4115-21	9.2	55
430 429 428	Colorectal cancer cells with the BRAF(V600E) mutation are addicted to the ERK1/2 pathway for growth factor-independent survival and repression of BIM. <i>Oncogene</i> , 2008 , 27, 7150-61 Deregulation of Cdk2 causes Bim-mediated apoptosis in p53-deficient tumors following actin damage. <i>Oncogene</i> , 2008 , 27, 4115-21 BH3-only proteins in apoptosis and beyond: an overview. <i>Oncogene</i> , 2008 , 27 Suppl 1, S2-19	9.2	55 20 292
430 429 428 427	Colorectal cancer cells with the BRAF(V600E) mutation are addicted to the ERK1/2 pathway for growth factor-independent survival and repression of BIM. <i>Oncogene</i> , 2008 , 27, 7150-61 Deregulation of Cdk2 causes Bim-mediated apoptosis in p53-deficient tumors following actin damage. <i>Oncogene</i> , 2008 , 27, 4115-21 BH3-only proteins in apoptosis and beyond: an overview. <i>Oncogene</i> , 2008 , 27 Suppl 1, S2-19 BAD: undertaker by night, candyman by day. <i>Oncogene</i> , 2008 , 27 Suppl 1, S53-70 Endothelial adherens junctions control tight junctions by VE-cadherin-mediated upregulation of	9.2	55 20 292 192
430 429 428 427 426	Colorectal cancer cells with the BRAF(V600E) mutation are addicted to the ERK1/2 pathway for growth factor-independent survival and repression of BIM. <i>Oncogene</i> , 2008 , 27, 7150-61 Deregulation of Cdk2 causes Bim-mediated apoptosis in p53-deficient tumors following actin damage. <i>Oncogene</i> , 2008 , 27, 4115-21 BH3-only proteins in apoptosis and beyond: an overview. <i>Oncogene</i> , 2008 , 27 Suppl 1, S2-19 BAD: undertaker by night, candyman by day. <i>Oncogene</i> , 2008 , 27 Suppl 1, S53-70 Endothelial adherens junctions control tight junctions by VE-cadherin-mediated upregulation of claudin-5. 2008 , 10, 923-34	9.2	55 20 292 192 459

422	FoxO tumor suppressors and BCR-ABL-induced leukemia: a matter of evasion of apoptosis. 2008 , 1785, 63-84		44
421	Anoikis: a necessary death program for anchorage-dependent cells. 2008, 76, 1352-64		375
420	FoxO transcription factors in the maintenance of cellular homeostasis during aging. 2008 , 20, 126-36		449
419	AsSIRTing the DNA damage response. 2008 , 18, 77-83		58
418	Apoptotic pathways in tumor progression and therapy. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 615, 47-79	3.6	72
417	Multisite phosphorylation regulates Bim stability and apoptotic activity. 2008, 30, 415-25		177
416	Methed-up FOXOs can't in-Akt-ivate. 2008 , 32, 160-2		2
415	Death by splicing: tumor suppressor RBM5 freezes splice-site pairing. 2008 , 32, 162-4		11
414	Prostate Cancer. 2008,		3
413	PP2A regulates the pro-apoptotic activity of FOXO1. 2008, 283, 7411-20		101
413	PP2A regulates the pro-apoptotic activity of FOXO1. 2008 , 283, 7411-20 LKB1 is necessary for Akt-mediated phosphorylation of proapoptotic proteins. 2008 , 68, 7270-7		101
412	LKB1 is necessary for Akt-mediated phosphorylation of proapoptotic proteins. 2008 , 68, 7270-7 Neuronal death by oxidative stress involves activation of FOXO3 through a two-arm pathway that		62
412	LKB1 is necessary for Akt-mediated phosphorylation of proapoptotic proteins. 2008 , 68, 7270-7 Neuronal death by oxidative stress involves activation of FOXO3 through a two-arm pathway that activates stress kinases and attenuates insulin-like growth factor I signaling. 2008 , 19, 2014-25 Sulforaphane enhances the therapeutic potential of TRAIL in prostate cancer orthotopic model		62 75
412 411 410	LKB1 is necessary for Akt-mediated phosphorylation of proapoptotic proteins. 2008, 68, 7270-7 Neuronal death by oxidative stress involves activation of FOXO3 through a two-arm pathway that activates stress kinases and attenuates insulin-like growth factor I signaling. 2008, 19, 2014-25 Sulforaphane enhances the therapeutic potential of TRAIL in prostate cancer orthotopic model through regulation of apoptosis, metastasis, and angiogenesis. 2008, 14, 6855-66 A Drosophila gain-of-function screen for candidate genes involved in steroid-dependent		62 75 117
412 411 410 409	LKB1 is necessary for Akt-mediated phosphorylation of proapoptotic proteins. 2008, 68, 7270-7 Neuronal death by oxidative stress involves activation of FOXO3 through a two-arm pathway that activates stress kinases and attenuates insulin-like growth factor I signaling. 2008, 19, 2014-25 Sulforaphane enhances the therapeutic potential of TRAIL in prostate cancer orthotopic model through regulation of apoptosis, metastasis, and angiogenesis. 2008, 14, 6855-66 A Drosophila gain-of-function screen for candidate genes involved in steroid-dependent neuroendocrine cell remodeling. 2008, 178, 883-901 Unraveling the molecular mechanisms behind the metabolic basis of sporadic Alzheimer's disease.	3.7	62 75 117 32
412 411 410 409 408	LKB1 is necessary for Akt-mediated phosphorylation of proapoptotic proteins. 2008, 68, 7270-7 Neuronal death by oxidative stress involves activation of FOXO3 through a two-arm pathway that activates stress kinases and attenuates insulin-like growth factor I signaling. 2008, 19, 2014-25 Sulforaphane enhances the therapeutic potential of TRAIL in prostate cancer orthotopic model through regulation of apoptosis, metastasis, and angiogenesis. 2008, 14, 6855-66 A Drosophila gain-of-function screen for candidate genes involved in steroid-dependent neuroendocrine cell remodeling. 2008, 178, 883-901 Unraveling the molecular mechanisms behind the metabolic basis of sporadic Alzheimer's disease. 2009, 17, 267-76 Splice variants of the forkhead box protein AFX exhibit dominant negative activity and inhibit	3.7	62 75 117 32 20

(2009-2009)

	183, 6282-95	39
403	C terminus of Hsc70-interacting protein promotes smooth muscle cell proliferation and survival through ubiquitin-mediated degradation of FoxO1. 2009 , 284, 20090-8	60
402	Neurotoxic effects and biomarkers of lead exposure: a review. 2009 , 24, 15-45	453
401	Proteasome inhibition causes regression of leukemia and abrogates BCR-ABL-induced evasion of apoptosis in part through regulation of forkhead tumor suppressors. 2009 , 69, 6546-55	41
400	Curcumin inhibits prosurvival pathways in chronic lymphocytic leukemia B cells and may overcome their stromal protection in combination with EGCG. 2009 , 15, 1250-8	102
399	Transforming growth factor beta (TGFbeta)-induced apoptosis: the rise & fall of Bim. 2009, 8, 11-7	56
398	Increased expression of Bim contributes to the potentiation of serum deprivation-induced apoptotic cell death in Huntington's disease knock-in striatal cell line. 2009 , 31, 77-83	19
397	Physiology of Immune System: Regulation of Stem Cell Survival. 2009 , 3, 35-41	
396	On Trkthe TrkB signal transduction pathway is an increasingly important target in cancer biology. 2009 , 15, 5962-7	164
395	Comprehensive mRNA expression profiling distinguishes tauopathies and identifies shared molecular pathways. <i>PLoS ONE</i> , 2009 , 4, e6826	27
394	Runx1 is a co-activator with FOXO3 to mediate transforming growth factor beta (TGFbeta)-induced Bim transcription in hepatic cells. 2009 , 284, 20227-39	39
393	The proapoptotic dp5 gene is a direct target of the MLK-JNK-c-Jun pathway in sympathetic neurons. 2009 , 37, 3044-60	27
392	Repression of BIRC5/survivin by FOXO3/FKHRL1 sensitizes human neuroblastoma cells to DNA damage-induced apoptosis. 2009 , 20, 2041-8	60
	Regulation of glucose transporter 3 surface expression by the AMP-activated protein kinase	
391	mediates tolerance to glutamate excitation in neurons. 2009 , 29, 2997-3008	128
391		128 28
	mediates tolerance to glutamate excitation in neurons. 2009 , 29, 2997-3008	
390	mediates tolerance to glutamate excitation in neurons. 2009 , 29, 2997-3008 FoxO gene family evolution in vertebrates. 2009 , 9, 222 Induction of apoptosis of detached oral squamous cell carcinoma cells by safingol. Possible role of	28

386	Cell cycle activation and CNS injury. 2009 , 16, 221-37	52
385	Inhibition of KSP by ARRY-520 induces cell cycle block and cell death via the mitochondrial pathway in AML cells. 2009 , 23, 1755-62	34
384	Regulation of neuronal survival by the extracellular signal-regulated protein kinase 5. 2009 , 16, 674-83	50
383	Induction of Bim limits cytokine-mediated prolonged survival of neutrophils. 2009 , 16, 1248-55	36
382	Cyclin D1 promotes anchorage-independent cell survival by inhibiting FOXO-mediated anoikis. 2009 , 16, 1408-17	29
381	A novel pro-apoptotic function of RACK1: suppression of Src activity in the intrinsic and Akt pathways. <i>Oncogene</i> , 2009 , 28, 4421-33	54
380	Apoptosis and autophagy: BIM as a mediator of tumour cell death in response to oncogene-targeted therapeutics. 2009 , 276, 6050-62	85
379	Involvement of BH3-only proteins in hematologic malignancies. 2009 , 71, 89-101	31
378	Prognostic significance of phosphorylated FOXO1 expression in soft tissue sarcoma. 2009 , 16, 1925-37	10
377	LRF is an essential downstream target of GATA1 in erythroid development and regulates BIM-dependent apoptosis. 2009 , 17, 527-40	82
376	Bid binding to negatively charged phospholipids may not be required for its pro-apoptotic activity in vivo. 2009 , 1791, 997-1010	16
375	FOXO3a is involved in the apoptosis of naked oocytes and oocytes of primordial follicles from neonatal rat ovaries. 2009 , 381, 722-7	29
374	"Killing the Blues": a role for cellular suicide (apoptosis) in depression and the antidepressant response?. 2009 , 88, 246-63	106
373	Forkhead box, class O transcription factors in brain: regulation and behavioral manifestation. 2009 , 65, 150-9	89
372	Synergistic interplay between promoter recognition and CBP/p300 coactivator recruitment by FOXO3a. 2009 , 4, 1017-27	31
371	Coupling of the NMDA receptor to neuroprotective and neurodestructive events. 2009 , 37, 1147-60	192
370	Genetic control of programmed cell death during animal development. 2009 , 43, 493-523	112
369	Acetylation of FoxO1 activates Bim expression to induce apoptosis in response to histone deacetylase inhibitor depsipeptide treatment. 2009 , 11, 313-24	84

(2010-2009)

368	Involvement of the PTEN-AKT-FOXO3a pathway in neuronal apoptosis in developing rat brain after hypoxia-ischemia. 2009 , 29, 1903-13	79
367	High levels of tumor necrosis factor-alpha contribute to accelerated loss of cartilage in diabetic fracture healing. 2009 , 175, 1574-85	118
366	Akt mediated mitochondrial protection in the heart: metabolic and survival pathways to the rescue. 2009 , 41, 169-80	85
365	Sulforaphane inhibits angiogenesis through activation of FOXO transcription factors. 2009 , 22, 1473-8	50
364	The proapoptotic BCL-2 homology domain 3-only protein Bim is not critical for acute excitotoxic cell death. 2009 , 68, 102-10	18
363	High-resolution genomic profiling of childhood T-ALL reveals frequent copy-number alterations affecting the TGF-beta and PI3K-AKT pathways and deletions at 6q15-16.1 as a genomic marker for unfavorable early treatment response. 2009 , 114, 1053-62	89
362	Expression and localization of FOXO1 in non-small cell lung cancer. 2009 , 22,	
361	Role of dephosphorylation of FOXO1 on apoptosis induced by wortmannin for non-Hodgkin's lymphoma cells. 2010 , 37, 2397-402	7
360	Activation of the AMP-activated protein kinase-p38 MAP kinase pathway mediates apoptosis induced by conjugated linoleic acid in p53-mutant mouse mammary tumor cells. 2010 , 22, 590-9	25
359	Refining the minimal sequence required for ERK1/2-dependent poly-ubiquitination and proteasome-dependent turnover of BIM. 2010 , 22, 801-8	9
358	TNF-alpha mediates diabetes-enhanced chondrocyte apoptosis during fracture healing and stimulates chondrocyte apoptosis through FOXO1. 2010 , 25, 1604-15	119
357	Inhibition of PI3K/AKT and MAPK/ERK pathways causes activation of FOXO transcription factor, leading to cell cycle arrest and apoptosis in pancreatic cancer. 2010 , 5, 10	267
356	The adaptor protein SH2B1Ireduces hydrogen peroxide-induced cell death in PC12 cells and hippocampal neurons. 2010 , 5, 17	13
355	Activation of FOXO1 is critical for the anticancer effect of methylseleninic acid in prostate cancer cells. 2010 , 70, 1265-73	14
354	SZ-685C, a marine anthraquinone, is a potent inducer of apoptosis with anticancer activity by suppression of the Akt/FOXO pathway. 2010 , 159, 689-97	86
353	Programmed cell death of dendritic cells in immune regulation. 2010 , 236, 11-27	39
352	SIAH1 induced apoptosis by activation of the JNK pathway and inhibited invasion by inactivation of the ERK pathway in breast cancer cells. 2010 , 101, 73-9	26
351	Foxo3a expression and acetylation regulate cancer cell growth and sensitivity to cisplatin. 2010 , 101, 1177-85	52

350	Trim17, a novel E3 ubiquitin-ligase, initiates neuronal apoptosis. 2010 , 17, 1928-41	27
349	BimEL as a possible molecular link between proteasome dysfunction and cell death induced by mutant huntingtin. 2010 , 31, 1915-25	19
348	Modelling the response of FOXO transcription factors to multiple post-translational modifications made by ageing-related signalling pathways. <i>PLoS ONE</i> , 2010 , 5, e11092	29
347	Resveratrol induces growth arrest and apoptosis through activation of FOXO transcription factors in prostate cancer cells. <i>PLoS ONE</i> , 2010 , 5, e15288	140
346	Foxo3a suppression of urothelial cancer invasiveness through Twist1, Y-box-binding protein 1, and E-cadherin regulation. 2010 , 16, 5654-63	68
345	The protein kinase A pathway-regulated transcriptome of endometrial stromal fibroblasts reveals compromised differentiation and persistent proliferative potential in endometriosis. 2010 , 151, 1341-55	73
344	Activation of FoxO by LRRK2 induces expression of proapoptotic proteins and alters survival of postmitotic dopaminergic neuron in Drosophila. 2010 , 19, 3747-58	71
343	Glucocorticoid-induced leucine zipper (GILZ) promotes the nuclear exclusion of FOXO3 in a Crm1-dependent manner. 2010 , 285, 5594-605	29
342	Nerve growth factor promotes cardiac repair following myocardial infarction. 2010 , 106, 1275-84	148
341	Blockade of mitogen-activated protein kinase/extracellular signal-regulated kinase kinase and murine double minute synergistically induces Apoptosis in acute myeloid leukemia via BH3-only proteins Puma and Bim. 2010 , 70, 2424-34	58
340	Sirtuins and Aging. 2010 , 51-75	1
339	FOXO3 modulates endothelial gene expression and function by classical and alternative mechanisms. 2010 , 285, 10163-78	33
338	FOXO3a regulates glycolysis via transcriptional control of tumor suppressor TSC1. 2010 , 285, 15960-5	67
337	PUMA PROMOTES BAX ACTIVATION IN A FOXO3a-DEPENDENT MANNER IN STS-INDUCED APOPTOSIS. 2010 , 03, 31-38	1
336	Resistance to transforming growth factor Emediated tumor suppression in melanoma: are multiple mechanisms in place?. 2010 , 31, 1710-7	26
335	Protein kinase networks regulating glucocorticoid-induced apoptosis of hematopoietic cancer cells: fundamental aspects and practical considerations. 2010 , 51, 1968-2005	49
334	Restoration of p53 functions protects cells from concanavalin A-induced apoptosis. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 471-9	15
333	Knockdown of FoxO3a induces increased neuronal apoptosis during embryonic development in zebrafish. 2010 , 484, 98-103	19

332	Protein arginine methylation: a new handle on T lymphocytes?. 2010 , 31, 164-9		29
331	Targeting anoikis resistance in prostate cancer metastasis. 2010 , 31, 205-14		101
330	Activation of Akt signaling in rat brain by intracerebroventricular injection of ouabain: a rat model for mania. 2010 , 34, 888-94		30
329	Synergistic induction of cell death in liver tumor cells by TRAIL and chemotherapeutic drugs via the BH3-only proteins Bim and Bid. <i>Cell Death and Disease</i> , 2010 , 1, e86	9.8	39
328	Calcium pyrophosphate dihydrate crystal-induced inhibition of neutrophil apoptosis: involvement of Bcl-2 family members. 2010 , 59, 71-81		6
327	Epigenetics of Aging. 2010 ,		4
326	Osteoimmunology. Advances in Experimental Medicine and Biology, 2010,	3.6	1
325	Inhibition of cyclin-dependent kinase phosphorylation of FOXO1 and prostate cancer cell growth by a peptide derived from FOXO1. 2011 , 13, 854-63		25
324	Impact of Diabetes on Fracture Healing. 2011 , 3, 3-8		25
323	The extending network of FOXO transcriptional target genes. 2011 , 14, 579-92		186
323	The extending network of FOXO transcriptional target genes. 2011 , 14, 579-92 Calcium signaling in synapse-to-nucleus communication. 2011 , 3, a004564		186 92
322	Calcium signaling in synapse-to-nucleus communication. 2011 , 3, a004564		92
322	Calcium signaling in synapse-to-nucleus communication. 2011 , 3, a004564 Understanding Forkhead box class O function: lessons from Drosophila melanogaster. 2011 , 14, 635-47 Sequence and epigenetic determinants in the regulation of the Math6 gene by Neurogenin3. 2011 ,		92
322 321 320	Calcium signaling in synapse-to-nucleus communication. 2011 , 3, a004564 Understanding Forkhead box class O function: lessons from Drosophila melanogaster. 2011 , 14, 635-47 Sequence and epigenetic determinants in the regulation of the Math6 gene by Neurogenin3. 2011 , 82, 66-76		92 48 9
322 321 320 319	Calcium signaling in synapse-to-nucleus communication. 2011, 3, a004564 Understanding Forkhead box class O function: lessons from Drosophila melanogaster. 2011, 14, 635-47 Sequence and epigenetic determinants in the regulation of the Math6 gene by Neurogenin3. 2011, 82, 66-76 Protective effects and mechanisms of sirtuins in the nervous system. 2011, 95, 373-95 Sulforaphane synergizes with quercetin to inhibit self-renewal capacity of pancreatic cancer stem		92 48 9
322 321 320 319 318	Calcium signaling in synapse-to-nucleus communication. 2011, 3, a004564 Understanding Forkhead box class O function: lessons from Drosophila melanogaster. 2011, 14, 635-47 Sequence and epigenetic determinants in the regulation of the Math6 gene by Neurogenin3. 2011, 82, 66-76 Protective effects and mechanisms of sirtuins in the nervous system. 2011, 95, 373-95 Sulforaphane synergizes with quercetin to inhibit self-renewal capacity of pancreatic cancer stem cells. 2011, 3, 515-28	3.7	92 48 9

314	Expression and function of apoptosis initiator FOXO3 in granulosa cells during follicular atresia in pig ovaries. 2011 , 57, 151-8	29
313	Regulation and function of FoxO transcription factors in normal and cancer stem cells: what have we learned?. 2011 , 12, 1267-83	28
312	Differential roles of ERK1/2 and JNK in retinal development and degeneration. 2011 , 116, 33-42	14
311	Amyotrophic lateral sclerosis-linked mutant VAPB enhances TDP-43-induced motor neuronal toxicity. 2011 , 119, 1099-107	12
310	Insulin-activated Akt rescues Albxidative stress-induced cell death by orchestrating molecular trafficking. <i>Aging Cell</i> , 2011 , 10, 832-43	50
309	Increased expression of c-Fos by extracellular signal-regulated kinase activation under sustained oxidative stress elicits BimEL upregulation and hepatocyte apoptosis. 2011 , 278, 1873-81	14
308	FoxOs, Wnts and oxidative stress-induced bone loss: new players in the periodontitis arena?. 2011 , 46, 397-406	50
307	NF-Y is essential for expression of the proapoptotic bim gene in sympathetic neurons. 2011 , 18, 937-47	25
306	FoxO3a immunoreactivity is markedly decreased in the dentate gyrus, not the hippocampus proper, of the aged gerbil. 2011 , 46, 836-40	5
305	CNK1 and other scaffolds for Akt/FoxO signaling. 2011 , 1813, 1971-7	16
304	Akt, FoxO and regulation of apoptosis. 2011 , 1813, 1978-86	659
303	Role of Bim in apoptosis induced in H460 lung tumor cells by the spindle poison Combretastatin-A4. 2011 , 16, 940-9	13
302	The MEK-ERK pathway negatively regulates bim expression through the 3' UTR in sympathetic neurons. 2011 , 12, 69	25
301	Global analysis of gene expression in NGF-deprived sympathetic neurons identifies molecular pathways associated with cell death. 2011 , 12, 551	29
300	Insulin-like growth factor-I-forkhead box O transcription factor 3a counteracts high glucose/tumor necrosis factor-Imediated neuronal damage: implications for human immunodeficiency virus encephalitis. 2011 , 89, 183-98	25
299	JNK regulates FoxO-dependent autophagy in neurons. 2011 , 25, 310-22	168
298	Protein localization in disease and therapy. 2011 , 124, 3381-92	248
297	Intrinsic apoptosis in mechanically ventilated human diaphragm: linkage to a novel Fos/FoxO1/Stat3-Bim axis. 2011 , 25, 2921-36	56

296	Bortezomib primes glioblastoma, including glioblastoma stem cells, for TRAIL by increasing tBid stability and mitochondrial apoptosis. 2011 , 17, 4019-30		74
295	Extension of lifespan in C. elegans by naphthoquinones that act through stress hormesis mechanisms. <i>PLoS ONE</i> , 2011 , 6, e21922	3.7	64
294	FOXO3a-Dependent Mechanism of E1A-Induced Chemosensitization. 2011, 71, 6878-87		37
293	shRNA against CD44 inhibits cell proliferation, invasion and migration, and promotes apoptosis of colon carcinoma cells. 2012 , 27, 339-46		31
292	Egr-1 transactivates Bim gene expression to promote neuronal apoptosis. 2011 , 31, 5032-44		55
291	IL-15Rtof radiation-resistant cells is necessary and sufficient for thymic invariant NKT cell survival and functional maturation. 2011 , 187, 1235-42		19
29 0	Restoration of transforming growth factor-beta receptor II expression in colon cancer cells with microsatellite instability increases metastatic potential in vivo. 2011 , 286, 16082-90		18
289	SIRT1 deficiency downregulates PTEN/JNK/FOXO1 pathway to block reactive oxygen species-induced apoptosis in mouse embryonic stem cells. 2011 , 20, 1277-85		72
288	Molecular analysis of neutrophil spontaneous apoptosis reveals a strong role for the pro-apoptotic BH3-only protein Noxa. 2011 , 18, 1805-14		36
287	An integrated view of cyclin E function and regulation. 2012 , 11, 57-64		116
286	Follicle-stimulating hormone regulates pro-apoptotic protein Bcl-2-interacting mediator of cell death-extra long (BimEL)-induced porcine granulosa cell apoptosis. 2012 , 287, 10166-10177		49
285	Fenofibrate-induced nuclear translocation of FoxO3A triggers Bim-mediated apoptosis in glioblastoma cells in vitro. 2012 , 11, 2660-71		46
284	Involvement of the up-regulated FoxO1 expression in follicular granulosa cell apoptosis induced by oxidative stress. 2012 , 287, 25727-40		102
283	Glucocorticoid-mediated BIM induction and apoptosis are regulated by Runx2 and c-Jun in leukemia cells. <i>Cell Death and Disease</i> , 2012 , 3, e349	9.8	45
282	Aberrant microRNA-182 expression is associated with glucocorticoid resistance in lymphoblastic malignancies. 2012 , 53, 2465-73		24
281	The Role of Insulin and Insulin-Like Growth Factor-1/FoxO-Mediated Transcription for the Pathogenesis of Obesity-Associated Dementia. 2012 , 2012, 384094		14
280	Comparison of spheroids formed by rat glioma stem cells and neural stem cells reveals differences in glucose metabolism and promising therapeutic applications. 2012 , 287, 33664-74		49
279	FoxO limits microtubule stability and is itself negatively regulated by microtubule disruption. Journal of Cell Biology, 2012 , 196, 345-62	7.3	43

278	Novel Foxo1-dependent transcriptional programs control T(reg) cell function. 2012, 491, 554-9	271
277	Neuroprotective effects of phenolic antioxidant tBHQ associate with inhibition of FoxO3a nuclear translocation and activity. 2012 , 123, 182-91	29
276	Two-step activation of FOXO3 by AMPK generates a coherent feed-forward loop determining excitotoxic cell fate. 2012 , 19, 1677-88	51
275	Lysine methylation of FOXO3 regulates oxidative stress-induced neuronal cell death. 2012 , 13, 371-7	77
274	Inhibition of Akt/FOXO3a signaling by constitutively active FOXO3a suppresses growth of follicular thyroid cancer cell lines. 2012 , 314, 34-40	15
273	Human conditions of insulin-like growth factor-I (IGF-I) deficiency. 2012 , 10, 224	139
272	Statin upregulates the expression of klotho, an anti-aging gene, in experimental cyclosporine nephropathy. 2012 , 120, e123-33	34
271	Targeting tumor necrosis factor alpha (TNF-∄in diabetic rats could approve avenues for an efficient strategy for diabetic therapy. 2012 , 6, 77-84	3
270	Activation of Akt/FoxO and inactivation of MEK/ERK pathways contribute to induction of neuroprotection against transient global cerebral ischemia by delayed hypoxic postconditioning in adult rats. 2012 , 63, 873-82	40
269	The expression and prognosis of FOXO3a and Skp2 in human ovarian cancer. 2012 , 29, 3409-15	32
268	BH3-only protein silencing contributes to acquired resistance to PLX4720 in human melanoma. 2012 , 19, 2029-39	53
267	The JNK- and AKT/GSK3Esignaling pathways converge to regulate Puma induction and neuronal apoptosis induced by trophic factor deprivation. <i>PLoS ONE</i> , 2012 , 7, e46885	68
266	Cell death and survival signalling in the cardiovascular system. 2012 , 17, 248-61	21
265	Anoikis: an emerging hallmark in health and diseases. 2012 , 226, 380-93	268
264	Differential expression of BNIP family members of BH3-only proteins during the development and after axotomy in the rat. 2012 , 33, 605-10	12
263	IKK-Imediates chemoresistance by sequestering FOXO3; a critical factor for cell survival and death. 2012 , 24, 1361-8	17
262	Atorvastatin activates heme oxygenase-1 at the stress response elements. 2012 , 16, 394-400	9
261	Neurotrophins and cell death. 2012, 318, 1221-8	87

(2013-2012)

260	18Eglycyrrhetinic acid induces apoptosis through modulation of Akt/FOXO3a/Bim pathway in human breast cancer MCF-7 cells. 2012 , 227, 1923-31	82
259	FoxO3a changes in pyramidal neurons and expresses in non-pyramidal neurons and astrocytes in the gerbil hippocampal CA1 region after transient cerebral ischemia. 2012 , 37, 588-95	14
258	Potential neuroprotective effects of SIRT1 induced by glucose deprivation in PC12 cells. 2013 , 557 Pt B, 148-53	9
257	A diterpenoid derivate compound targets selenocysteine of thioredoxin reductases and induces Bax/Bak-independent apoptosis. 2013 , 63, 485-94	25
256	The phosphatidylinositol-3-kinase inhibitor NVP-BKM120 overcomes resistance signals derived from microenvironment by regulating the Akt/FoxO3a/Bim axis in chronic lymphocytic leukemia cells. 2013 , 98, 1739-47	38
255	BimEL is phosphorylated at mitosis by Aurora A and targeted for degradation by ITrCP1. 2013 , 20, 1393-403	33
254	Evading apoptosis in cancer. 2013 , 23, 620-33	311
253	Mitochondrial localization of the forkhead box class O transcription factor FOXO3a in brain. 2013 , 124, 749-56	16
252	FOXO1/3 depletion in granulosa cells alters follicle growth, death and regulation of pituitary FSH. 2013 , 27, 238-52	65
251	Bim, a proapoptotic protein, up-regulated via transcription factor E2F1-dependent mechanism, functions as a prosurvival molecule in cancer. 2013 , 288, 368-81	55
250	FoxOs in neural stem cell fate decision. 2013 , 534, 55-63	21
249	Heroin activates Bim via c-Jun N-terminal kinase/c-Jun pathway to mediate neuronal apoptosis. 2013 , 233, 1-8	22
248	New role of silent information regulator 1 in cerebral ischemia. 2013 , 34, 2879-88	50
247	SIRT1 inhibits TNF-Induced apoptosis of vascular adventitial fibroblasts partly through the deacetylation of FoxO1. 2013 , 18, 689-701	50
246	Activation of FoxO3a/Bim axis in patients with Primary Biliary Cirrhosis. 2013, 33, 231-8	19
245	PUMA and BIM are required for oncogene inactivation-induced apoptosis. 2013 , 6, ra20	94
244	Brain activation of SIRT1: role in neuropathology. 2013 , 48, 681-9	61
243	Impaired autophagy and APP processing in Alzheimer's disease: The potential role of Beclin 1 interactome. 2013 , 106-107, 33-54	213

242	Foxp3 transcription factor is proapoptotic and lethal to developing regulatory T cells unless counterbalanced by cytokine survival signals. 2013 , 38, 1116-28		149
241	High fat diet induced obesity alters ovarian phosphatidylinositol-3 kinase signaling gene expression. 2013 , 42, 68-77		32
240	Foxo-mediated Bim transcription is dispensable for the apoptosis of hematopoietic cells that is mediated by this BH3-only protein. 2013 , 14, 992-8		25
239	Sodium tanshinone IIA sulfonate protects rat myocardium against ischemia-reperfusion injury via activation of PI3K/Akt/FOXO3A/Bim pathway. 2013 , 34, 1386-96		47
238	A feed-forward loop involving Trib3, Akt and FoxO mediates death of NGF-deprived neurons. 2013 , 20, 1719-30		36
237	Caspase-2 is essential for c-Jun transcriptional activation and Bim induction in neuron death. 2013 , 455, 15-25		17
236	hTERT inhibition triggers Epstein-Barr virus lytic cycle and apoptosis in immortalized and transformed B cells: a basis for new therapies. 2013 , 19, 2036-47		22
235	Distinct roles of Kaposi's sarcoma-associated herpesvirus-encoded viral interferon regulatory factors in inflammatory response and cancer. 2013 , 87, 9398-410		36
234	Maternal hyperglycemia activates an ASK1-FoxO3a-caspase 8 pathway that leads to embryonic neural tube defects. 2013 , 6, ra74		72
233	Oocyte-secreted growth differentiation factor 9 inhibits BCL-2-interacting mediator of cell death-extra long expression in porcine cumulus cell. 2013 , 89, 56		19
232	MicroRNAs and Glucocorticoid-Induced Apoptosis in Lymphoid Malignancies. 2013 , 2013, 348212		22
231	FoxO3a is activated and executes neuron death via Bim in response to Emyloid. <i>Cell Death and Disease</i> , 2013 , 4, e625	9.8	87
230	Regulation of cell survival by sphingosine-1-phosphate receptor S1P1 via reciprocal ERK-dependent suppression of Bim and PI-3-kinase/protein kinase C-mediated upregulation of Mcl-1. <i>Cell Death and Disease</i> , 2013 , 4, e927	9.8	56
229	Rescue from dominant follicle atresia by follicle-stimulating hormone in mice. 2013 , 12, 2945-52		6
228	Efficacy of cyclin dependent kinase 4 inhibitors as potent neuroprotective agents against insults relevant to Alzheimer's disease. <i>PLoS ONE</i> , 2013 , 8, e78842	3.7	25
227	Neurotrophin and Neurotrophin Receptor Involvement in Human Neuroblastoma. 2013,		4
226	Changes in the expression of Fox O1 and death ligand genes during follicular atresia in porcine ovary. 2014 , 13, 6638-45		7
225	Down Regulation of FOXO1 Promotes Cell Proliferation in Cervical Cancer. 2014 , 5, 655-62		36

The Potential of Targeting LRRK2 in Parkinson Disease. 2014,

223	Programmed cell death during neuronal development: the sympathetic neuron model. 2014 , 21, 1025-3	35	70
222	Involvement of FoxO1 in the effects of follicle-stimulating hormone on inhibition of apoptosis in mouse granulosa cells. <i>Cell Death and Disease</i> , 2014 , 5, e1475	9.8	58
221	Cyclic AMP/PKA-promoted apoptosis: insights from studies of S49 lymphoma cells. 2014 , 46, 854-62		13
220	The function of FOXO1 in the late phases of the cell cycle is suppressed by PLK1-mediated phosphorylation. 2014 , 13, 807-19		26
219	Transcriptional and post-translational regulation of Bim controls apoptosis in melatonin-treated human renal cancer Caki cells. 2014 , 56, 97-106		29
218	c-Jun N-terminal kinase - c-Jun pathway transactivates Bim to promote osteoarthritis. 2014 , 92, 132-9		22
217	Hsp27 binding to the 3'UTR of bim mRNA prevents neuronal death during oxidative stress-induced injury: a novel cytoprotective mechanism. 2014 , 25, 3413-23		14
216	Decreased interaction between FoxO3a and Akt correlates with seizure-induced neuronal death. 2014 , 108, 367-78		19
215	Non-genomic events determining the sensitivity of hemopoietic malignancies to glucocorticoid-induced apoptosis. 2014 , 63, 37-43		15
214	Forkhead box O3 (FOXO3) transcription factor mediates apoptosis in BCG-infected macrophages. 2014 , 16, 1378-90		25
213	Wnt/Etatenin signaling regulates follicular development by modulating the expression of Foxo3a signaling components. 2014 , 382, 915-25		34
212	FOXO3 determines the accumulation of Bynuclein and controls the fate of dopaminergic neurons in the substantia nigra. 2014 , 23, 1435-52		60
211	Regulation of the human thioredoxin gene promoter and its key substrates: a study of functional and putative regulatory elements. 2014 , 1840, 303-14		55
210	HTLV-1 bZIP factor suppresses apoptosis by attenuating the function of FoxO3a and altering its localization. 2014 , 74, 188-200		47
209	Curcumin induces apoptosis in human neuroblastoma cells via inhibition of AKT and Foxo3a nuclear translocation. <i>Free Radical Research</i> , 2014 , 48, 1397-408	4	24
208	Exploiting the cytoskeletal filaments of neoplastic cells to potentiate a novel therapeutic approach. 2014 , 1846, 599-616		31
207	Pro-apoptotic BIM is an essential initiator of physiological endothelial cell death independent of regulation by FOXO3. 2014 , 21, 1687-95		13

206	Critical cysteines in Akt1 regulate its activity and proteasomal degradation: implications for neurodegenerative diseases. 2014 , 74, 118-28		25
205	The proapoptotic BH3-only proteins Bim and Puma are downstream of endoplasmic reticulum and mitochondrial oxidative stress in pancreatic islets in response to glucotoxicity. <i>Cell Death and Disease</i> , 2014 , 5, e1124	9.8	73
204	Forkhead transcription factor FOXO3a levels are increased in Huntington disease because of overactivated positive autofeedback loop. 2014 , 289, 32845-57		30
203	The essential role of p53-up-regulated modulator of apoptosis (Puma) and its regulation by FoxO3a transcription factor in Eamyloid-induced neuron death. 2014 , 289, 10812-10822		74
202	The role of DAPK-BimEL pathway in neuronal death induced by oxygen-glucose deprivation. 2014 , 258, 254-62		18
201	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induces expression of p27(kip[]) and FoxO3a in female rat cerebral cortex and PC12 cells. 2014 , 226, 294-302		20
200	FoxO3a and disease progression. 2014 , 5, 346-54		89
199	Modulation of androgen receptor by FOXA1 and FOXO1 factors in prostate cancer. 2014 , 10, 614-9		51
198	CD28-mediated pro-survival signaling induces chemotherapeutic resistance in multiple myeloma. 2014 , 123, 3770-9		60
197	SphK1 confers resistance to apoptosis in gastric cancer cells by downregulating Bim via stimulating Akt/FoxO3a signaling. 2014 , 32, 1369-73		24
196	Identification of novel target genes specifically activated by deregulated E2F in human normal fibroblasts. 2015 , 20, 739-57		9
195	Opposing regulation of BIM and BCL2 controls glucocorticoid-induced apoptosis of pediatric acute lymphoblastic leukemia cells. 2015 , 125, 273-83		81
194	Forkhead box protein O1 mediates apoptosis in a cancer cervical cell line treated with the antitumor agent tumor necrosis factor- 2015 , 14, 7446-54		3
193	FOXO1 is a tumor suppressor in cervical cancer. 2015 , 14, 6605-16		46
192	miR-155 Controls Lymphoproliferation in LAT Mutant Mice by Restraining T-Cell Apoptosis via SHIP-1/mTOR and PAK1/FOXO3/BIM Pathways. <i>PLoS ONE</i> , 2015 , 10, e0131823	3.7	23
191	Role of the AMPK signaling pathway in early brain injury after subarachnoid hemorrhage in rats. 2015 , 157, 781-92		17
190	Posttranslational modifications of FOXO1 regulate epidermal growth factor receptor tyrosine kinase inhibitor resistance for non-small cell lung cancer cells. 2015 , 36, 5485-95		13
189	Imidazole inhibits autophagy flux by blocking autophagic degradation and triggers apoptosis via increasing FoxO3a-Bim expression. 2015 , 46, 721-31		15

(2016-2015)

188	Quinazoline based small molecule exerts potent tumour suppressive properties by inhibiting PI3K/Akt/FoxO3a signalling in experimental colon cancer. 2015 , 359, 47-56		20
187	Activation of S1PI receptor regulates PI3K/Akt/FoxO3a pathway in response to oxidative stress in PC12 cells. 2015 , 56, 177-87		38
186	Targeted Axl Inhibition Primes Chronic Lymphocytic Leukemia B Cells to Apoptosis and Shows Synergistic/Additive Effects in Combination with BTK Inhibitors. 2015 , 21, 2115-26		51
185	A novel MEK-ERK-AMPK signaling axis controls chemokine receptor CCR7-dependent survival in human mature dendritic cells. 2015 , 290, 827-40		31
184	Adenosine monophosphate activated protein kinase (AMPK), a mediator of estradiol-induced apoptosis in long-term estrogen deprived breast cancer cells. 2015 , 20, 821-30		16
183	Combination of erlotinib and EGCG induces apoptosis of head and neck cancers through posttranscriptional regulation of Bim and Bcl-2. 2015 , 20, 986-95		17
182	Icariin protects against intestinal ischemia-reperfusion injury. 2015 , 194, 127-38		21
181	Advances in revealing the molecular targets downstream of oxidative stress-induced proapoptotic kinase signaling in diabetic embryopathy. 2015 , 213, 125-34		45
180	BH3-only protein Bim is upregulated and mediates the apoptosis of cardiomyocytes under glucose and oxygen-deprivation conditions. 2015 , 39, 318-25		7
179	Involvement of Bim in Photofrin-mediated photodynamically induced apoptosis. 2015 , 35, 1527-36		15
178	Amyloid-Induced astrocytosis and astrocyte death: Implication of FoxO3a-Bim-caspase3 death signaling. <i>Molecular and Cellular Neurosciences</i> , 2015 , 68, 203-11	4.8	22
177	An Epigenetic Pathway Regulates Sensitivity of Breast Cancer Cells to HER2 Inhibition via FOXO/c-Myc Axis. 2015 , 28, 472-485		55
176	Activation of PPAR alpha by fenofibrate inhibits apoptosis in vascular adventitial fibroblasts partly through SIRT1-mediated deacetylation of FoxO1. 2015 , 338, 54-63		33
175	Heat Stress Alters Ovarian Insulin-Mediated Phosphatidylinositol-3 Kinase and Steroidogenic Signaling in Gilt Ovaries. 2015 , 92, 148		19
174	Cell Death Signaling. 2015 , 7,		549
173	BMCC1, which is an interacting partner of BCL2, attenuates AKT activity, accompanied by apoptosis. <i>Cell Death and Disease</i> , 2015 , 6, e1607	9.8	11
172	A central role for the mammalian target of rapamycin in LPS-induced anorexia in mice. 2015, 224, 37-47		17
171	Haplotypes of bovine FoxO1 gene sequence variants and association with growth traits in Qinchuan cattle. 2016 , 93, 8-14		3

170	Microarray Analysis Reveals Increased Transcriptional Repression and Reduced Metabolic Activity but Not Major Changes in the Core Apoptotic Machinery during Maturation of Sympathetic Neurons. 2016 , 10, 66	1
169	A Comprehensive and System Review for the Pharmacological Mechanism of Action of Rhein, an Active Anthraquinone Ingredient. 2016 , 7, 247	62
168	AMP-activated protein kinase couples 3-bromopyruvate-induced energy depletion to apoptosis via activation of FoxO3a and upregulation of proapoptotic Bcl-2 proteins. 2016 , 55, 1584-1597	17
167	cAMP signalling of Bordetella adenylate cyclase toxin through the SHP-1 phosphatase activates the BimEL-Bax pro-apoptotic cascade in phagocytes. 2016 , 18, 384-98	25
166	Role and regulation of Cdc25A phosphatase in neuron death induced by NGF deprivation or -amyloid. 2016 , 2, 16083	11
165	FOXO3a regulates BNIP3 and modulates mitochondrial calcium, dynamics, and function in cardiac stress. 2016 , 311, H1540-H1559	49
164	Fluid shear stress suppresses TNF-Induced apoptosis in MC3T3-E1 cells: Involvement of ERK5-AKT-FoxO3a-Bim/FasL signaling pathways. 2016 , 343, 208-217	20
163	Isorhapontigenin (ISO) Inhibits Invasive Bladder Cancer Formation In Vivo and Human Bladder Cancer Invasion In Vitro by Targeting STAT1/FOXO1 Axis. 2016 , 9, 567-80	42
162	Insulin-like growth factor 1 rescues R28 retinal neurons from apoptotic death through ERK-mediated BimEL phosphorylation independent of Akt. 2016 , 151, 82-95	19
161	Chemotherapy resistance and metastasis-promoting effects of thyroid hormone in hepatocarcinoma cells are mediated by suppression of FoxO1 and Bim pathway. <i>Cell Death and</i> 9.8 <i>Disease</i> , 2016 , 7, e2324	38
160	The deubiquitinase Usp27x stabilizes the BH3-only protein Bim and enhances apoptosis. 2016 , 17, 724-38	33
159	The apoptotic effect of simvastatin via the upregulation of BIM in nonsmall cell lung cancer cells. 2016 , 42, 14-23	16
158	Uropathogenic Escherichia coli Epigenetically Manipulate Host Cell Death Pathways. 2016 , 213, 1198-207	9
157	Astrocyte Resilience to Oxidative Stress Induced by Insulin-like Growth Factor I (IGF-I) Involves Preserved AKT (Protein Kinase B) Activity. 2016 , 291, 2510-23	17
156	20-Hydroxyecdysone activates Forkhead box O to promote proteolysis during Helicoverpa armigera molting. 2016 , 143, 1005-15	30
155	FOXO3a Activation by oxyresveratrol of Morus bombycis koidzumi extract mediates antioxidant activity. 2016 , 20, 39-47	6
154	Over-expression of CHAF1A promotes cell proliferation and apoptosis resistance in glioblastoma cells via AKT/FOXO3a/Bim pathway. 2016 , 469, 1111-6	19
153	Honey prevents neurobehavioural deficit and oxidative stress induced by lead acetate exposure in male Wistar rats- a preliminary study. 2016 , 31, 37-44	31

152	miR-711 upregulation induces neuronal cell death after traumatic brain injury. 2016 , 23, 654-68	57
151	Caffeine-induced nuclear translocation of FoxO1 triggers Bim-mediated apoptosis in human glioblastoma cells. 2016 , 37, 3417-23	15
150	SIRT2-mediated FOXO3a deacetylation drives its nuclear translocation triggering FasL-induced cell apoptosis during renal ischemia reperfusion. 2017 , 22, 519-530	25
149	Activation of silent mating type information regulation 2 homolog 1 by human chorionic gonadotropin exerts a therapeutic effect on hepatic injury and inflammation. 2017 , 65, 2074-2089	3
148	AKT-phosphorylated FOXO1 suppresses ERK activation and chemoresistance by disrupting IQGAP1-MAPK interaction. 2017 , 36, 995-1010	69
147	Severe hearing loss and outer hair cell death in homozygous Foxo3 knockout mice after moderate noise exposure. 2017 , 7, 1054	14
146	AMPK activates FOXO3a and promotes neuronal apoptosis in the developing rat brain during the early phase after hypoxia-ischemia. 2017 , 132, 1-9	20
145	gene dosage is critical in modulating nephron progenitor survival in the absence of microRNAs during kidney development. 2017 , 31, 3540-3554	9
144	Allium Roseum L. Extract Exerts Potent Suppressive Activities on Chronic Myeloid Leukemia K562 Cell Viability Through the Inhibition of BCR-ABL, PI3K/Akt, and ERK Pathways and the Abrogation of VEGF Secretion. 2017 , 69, 117-130	7
143	FOXO transcription factors at the interface of metabolism and cancer. 2017 , 141, 2379-2391	55
142	Old and Novel Functions of Caspase-2. 2017 , 332, 155-212	18
141	MicroRNA-142-5p Overexpression Inhibits Cell Growth and Induces Apoptosis by Regulating FOXO in Hepatocellular Carcinoma Cells. 2017 , 25, 65-73	35
140	Tribbles Pseudokinase 3 Induces Both Apoptosis and Autophagy in Amyloid-Enduced Neuronal Death. 2017 , 292, 2571-2585	39
139	Loss of FOXO1 Cooperates with TMPRSS2-ERG Overexpression to Promote Prostate Tumorigenesis and Cell Invasion. 2017 , 77, 6524-6537	34
138	Regulation of Macrophage Apoptosis and Atherosclerosis by Lipid-Induced PKCIIsoform Activation. 2017 , 121, 1153-1167	23
137	Neuronal functions of FOXO/DAF-16. 2017 , 4, 113-126	14
136	EZH2 and histone deacetylase inhibitors induce apoptosis in triple negative breast cancer cells by differentially increasing H3 Lys acetylation in the gene promoter and enhancers. 2017 , 14, 5735-5742	21
135	Functional analyses of major cancer-related signaling pathways in Alzheimer's disease etiology. 2017 , 1868, 341-358	27

134	FOXO3-mediated chemo-protection in high-stage neuroblastoma depends on wild-type TP53 and SESN3. <i>Oncogene</i> , 2017 , 36, 6190-6203	9.2	20
133	HSPB1 facilitates ERK-mediated phosphorylation and degradation of BIM to attenuate endoplasmic reticulum stress-induced apoptosis. <i>Cell Death and Disease</i> , 2017 , 8, e3026	9.8	25
132	Propofol inhibits lung cancer cell viability and induces cell apoptosis by upregulating microRNA-486 expression. 2017 , 50, e5794		45
131	Immunologic Repercussions of Cell Death. 2017 , 418-448.e6		1
130	FOXO1 is crucial in glioblastoma cell tumorigenesis and regulates the expression of SIRT1 to suppress senescence in the brain. 2018 , 17, 2535-2542		6
129	miR-182-5p and miR-183-5p Act as GDNF Mimics in Dopaminergic Midbrain Neurons. 2018 , 11, 9-22		20
128	FOXO family in regulating cancer and metabolism. 2018 , 50, 32-41		54
127	Propofol Prevents the Progression of Malignant Pheochromocytoma In Vitro and In Vivo. 2018 , 37, 308	-315	6
126	Loss of GCN5 leads to increased neuronal apoptosis by upregulating E2F1- and Egr-1-dependent BH3-only protein Bim. <i>Cell Death and Disease</i> , 2017 , 8, e2570	9.8	20
125	Deletion of the Akt/mTORC1 Repressor REDD1 Prevents Visual Dysfunction in a Rodent Model of Type 1 Diabetes. 2018 , 67, 110-119		20
124	FOXO protects against age-progressive axonal degeneration. <i>Aging Cell</i> , 2018 , 17, e12701	9.9	31
123	HIF2IIn the uterine stroma permits embryo invasion and luminal epithelium detachment. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3186-3197	15.9	34
122	. 2018,		O
121	Akt2 mediates glucocorticoid resistance in lymphoid malignancies through FoxO3a/Bim axis and serves as a direct target for resistance reversal. <i>Cell Death and Disease</i> , 2019 , 9, 1013	9.8	12
120	FOXO1 overexpression and loss of pSerine256-FOXO1 expression predicts clinical outcome in esophageal adenocarcinomas. 2018 , 8, 17370		1
119	Protective role of propofol in endometriosis and its mechanism. 2018, 16, 3646-3650		3
118	When one becomes many-Alternative splicing in Etell function and failure. 2018, 20 Suppl 2, 77-87		21
117	Inhibition of cyclin-dependent kinase 2 protects against doxorubicin-induced cardiomyocyte apoptosis and cardiomyopathy. 2018 , 293, 19672-19685		27

116	The role of mTOR-mediated signals during haemopoiesis and lineage commitment. 2018 , 46, 1313-1324	7
115	Transcription Factor FOXO3a Is a Negative Regulator of Cytotoxicity of Fusarium mycotoxin in GES-1 Cells. 2018 , 166, 370-381	11
114	Assessment of Functional Phosphatidylinositol 3-Kinase Pathway Activity in Cancer Tissue Using Forkhead Box-O Target Gene Expression in a Knowledge-Based Computational Model. 2018 , 188, 1956-1972	29
113	Exendin-4 protects INS-1 cells against palmitate-induced apoptosis through the IRE1 EX bp1 signaling pathway. 2018 , 16, 1029-1035	5
112	Upstream regulators of apoptosis mediates methionine-induced changes of lipid metabolism. 2018 , 51, 176-190	21
111	Critical role for the Tsc1-mTORC1 pathway in Etell mass in Pdx1-deficient mice. 2018 , 238, 151-163	2
110	FOXO in Neural Cells and Diseases of the Nervous System. 2018 , 127, 105-118	38
109	Oxidative stress reduces trophoblast FOXO1 and integrin B expression that inhibits cell motility. 2018 , 124, 189-198	16
108	Overcoming EZH2 Inhibitor Resistance by Taxane in PTEN-Mutated Cancer. 2019 , 9, 5020-5034	13
107	Perllorooctane sulfonate induces apoptosis via activation of FoxO3a and upregulation of proapoptotic Bcl-2 proteins in PC12 cells. 2019 , 44, 657-666	
106	Fucoidan Structure and Activity in Relation to Anti-Cancer Mechanisms. 2019, 17,	98
105	Low-dose suspended graphene oxide nanosheets induce antioxidant response and osteogenic differentiation of bone marrow-derived mesenchymal stem cells via JNK-dependent FoxO1 activation. 2019 , 7, 5998-6009	13
104	GL-V9 exerts anti-T cell malignancies effects via promoting lysosome-dependent AKT1 degradation and activating AKT1/FOXO3A/BIM axis. 2019 , 145, 237-249	2
103	LITAF Enhances Radiosensitivity of Human Glioma Cells via the FoxO1 Pathway. 2019 , 39, 871-882	10
102	Protects against I/R-Induced Brain Cell Injury through the Akt/SIRT1/FOXO3a Pathway. 2019 , 2019, 7609765	18
101	High-throughput Exploration of the Network Dependent on AKT1 in Mouse Ovarian Granulosa Cells. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 1307-1319	8
100	Metallothionein Protects the Heart Against Myocardial Infarction the mTORC2/FoxO3a/Bim Pathway. 2019 , 31, 403-419	8
99	Inhibition of FOXO3a/BIM signaling pathway contributes to the protective effect of salvianolic acid A against cerebral ischemia/reperfusion injury. 2019 , 9, 505-515	21

98	Piperlongumine-induced nuclear translocation of the FOXO3A transcription factor triggers BIM-mediated apoptosis in cancer cells. 2019 , 163, 101-110	19
97	FoxO3a inhibiting expression of EPS8 to prevent progression of NSCLC: A new negative loop of EGFR signaling. 2019 , 40, 198-209	10
96	FOXO1 regulates developmental lymphangiogenesis by upregulating CXCR4 in the mouse-tail dermis. 2020 , 147,	8
95	Uev1A promotes breast cancer cell survival and chemoresistance through the AKT-FOXO1-BIM pathway. 2019 , 19, 331	9
94	Apoptosis versus axon pruning: Molecular intersection of two distinct pathways for axon degeneration. 2019 , 139, 3-8	12
93	Forced FoxO1:SV expression suppressed glioma cell proliferation through G2/M cell cycle arrests and increased apoptosis. 2019 , 41, 189-198	6
92	Suppression of ovarian follicle development by nano TiO is associated with TGF-Emediated signaling pathways. 2019 , 107, 414-422	7
91	Dynein light chain binding determines complex formation and posttranslational stability of the Bcl-2 family members Bmf and Bim. 2020 , 27, 434-450	12
90	The Protocadherins Regulate the Survival of GABAergic Interneurons during Developmental Cell Death. 2020 , 40, 8652-8668	7
89	The Role of ERBB2/HER2 Tyrosine Kinase Receptor in the Regulation of Cell Death. 2020 , 85, 1277-1287	1
88	Targeting the PLK1-FOXO1 pathway as a novel therapeutic approach for treating advanced prostate cancer. 2020 , 10, 12327	8
87	EGFR/FOXO3a/BIM signaling pathway determines chemosensitivity of BMP4-differentiated glioma stem cells to temozolomide. 2020 , 52, 1326-1340	5
86	FoxO3a suppresses neuropeptide W expression in neuronal cells and in rat hypothalamus and its implication in hypothalamic-pituitary-adrenal (HPA) axis. 2020 , 16, 2775-2787	1
85	MicroRNA-302a is involved in folate deficiency-induced apoptosis through the AKT-FOXO1-BIM pathway in mouse embryonic stem cells. 2020 , 17, 103	O
84	miR-155 indicates the fate of CD4 T cells. 2020 , 224, 40-49	9
83	Pitavastatin induces apoptosis in oral squamous cell carcinoma through activation of FOXO3a. 2020 , 24, 7055-7066	17
82	Zebrafish rbm8a and magoh mutants reveal EJC developmental functions and new 3'UTR intron-containing NMD targets. 2020 , 16, e1008830	8
81	SGK1 mediates the hypotonic protective effect against HO-induced apoptosis of rat basilar artery smooth muscle cells by inhibiting the FOXO3a/Bim signaling pathway. 2020 , 41, 1073-1084	4

80	Co-inhibition of BET proteins and PI3KEriggers mitochondrial apoptosis in rhabdomyosarcoma cells. <i>Oncogene</i> , 2020 , 39, 3837-3852	9.2	7
79	Aspirin sensitizes osimertinib-resistant NSCLC cells in litro and in litro via Bim-dependent apoptosis induction. 2020 , 14, 1152-1169		11
78	Protection from Etell apoptosis by inhibition of TGF-//Smad3 signaling. <i>Cell Death and Disease</i> , 2020 , 11, 184	9.8	16
77	Spermine synthase and MYC cooperate to maintain colorectal cancer cell survival by repressing Bim expression. 2020 , 11, 3243		19
76	Combination of Decitabine and Entinostat Synergistically Inhibits Urothelial Bladder Cancer Cells via Activation of FoxO1. <i>Cancers</i> , 2020 , 12,	6.6	14
75	Doxorubicin induces cardiomyocyte apoptosis and atrophy through cyclin-dependent kinase 2-mediated activation of forkhead box O1. 2020 , 295, 4265-4276		21
74	Forkhead Box O3a requires BAF57, a subunit of chromatin remodeler SWI/SNF complex for induction of p53 up-regulated modulator of apoptosis (Puma) in a model of Parkinson's disease. 2020 , 154, 547-561		12
73	Upregulated Nmnat2 causes neuronal death and increases seizure susceptibility in temporal lobe epilepsy. 2021 , 167, 1-10		2
72	Protection against acute cerebral ischemia/reperfusion injury by Leonuri Herba Total Alkali via modulation of BDNF-TrKB-PI3K/Akt signaling pathway in rats. 2021 , 133, 111021		11
71	Actein Antagonizes Oral Squamous Cell Carcinoma Proliferation through Activating FoxO1. 2021 , 106, 551-563		1
70	Inflammation and regulatory T cell genes are differentially expressed in peripheral blood mononuclear cells of Parkinson's disease patients. 2021 , 11, 2316		4
69	Overcoming Glucocorticoid Resistance in Acute Lymphoblastic Leukemia: Repurposed Drugs Can Improve the Protocol. 2021 , 11, 617937		7
68	Molecular mechanisms detected in yak lung tissue via transcriptome-wide analysis provide insights into adaptation to high altitudes. 2021 , 11, 7786		2
67	XPO1 inhibition synergizes with PARP1 inhibition in small cell lung cancer by targeting nuclear transport of FOXO3a. 2021 , 503, 197-212		8
66	Expression of FOXO transcription factors in the brain following traumatic brain injury. 2021 , 753, 135882	2	2
65	The Role of microRNAs and Long Non-Coding RNAs in the Regulation of the Immune Response to Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 687962	8.4	8
64	Irreversible JNK blockade overcomes PD-L1-mediated resistance to chemotherapy in colorectal cancer. <i>Oncogene</i> , 2021 , 40, 5105-5115	9.2	0
63	Co-deletion of ATAD1 with PTEN primes cells for BIM-mediated apoptosis.		O

62	FoxO3 deficiency in cortical astrocytes leads to impaired lipid metabolism and aggravated amyloid pathology. <i>Aging Cell</i> , 2021 , 20, e13432	9.9	3
61	Acute hypoxia effects on Keap1/Nrf2 (Mafs)-GST pathway related oxidative metabolism in muscle of Japanese flounder (Paralichthys olivaceus). <i>Science of the Total Environment</i> , 2021 , 795, 148646	10.2	5
60	Regulation of osteoclast apoptosis by Bcl-2 family protein Bim and Caspase-3. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 658, 111-6	3.6	13
59	Pathophysiological relevance of forkhead transcription factors in brain ischemia. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 665, 130-42	3.6	26
58	New insights for FOXO and cell-fate decision in HIV infection and HIV associated neurocognitive disorder. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 665, 143-59	3.6	17
57	Regulation of Gene Expression by the Ubiquitin Proteasome System and Implications for Neurological Disease. 2011 , 281-315		1
56	Altered Apoptosis in AML. 2007, 133-161		1
55	HCV upregulates Bim through the ROS/JNK signalling pathway, leading to Bax-mediated apoptosis. <i>Journal of General Virology</i> , 2015 , 96, 2670-2683	4.9	17
54	An Integrated Mechanistic Model of Pan-Cancer Driver Pathways Predicts Stochastic Proliferation and Death.		4
53	The gamma-Protocadherins regulate the survival of GABAergic interneurons during developmentally-regulated cell death.		4
52	The transcription factor FoxO1 is required for the establishment of the human definitive endoderm.		O
51	Bim regulation may determine hippocampal vulnerability after injurious seizures and in temporal lobe epilepsy. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1059-1068	15.9	77
50	The dichotomy of NMDA receptor signaling. <i>Neuroscientist</i> , 2007 , 13, 572-9	7.6	85
49	Apoptosis induction by MEK inhibition in human lung cancer cells is mediated by Bim. <i>PLoS ONE</i> , 2010 , 5, e13026	3.7	49
48	Sphingosine kinase 1 regulates the Akt/FOXO3a/Bim pathway and contributes to apoptosis resistance in glioma cells. <i>PLoS ONE</i> , 2011 , 6, e19946	3.7	65
47	Involvement of FOXO transcription factors, TRAIL-FasL/Fas, and sirtuin proteins family in canine coronavirus type II-induced apoptosis. <i>PLoS ONE</i> , 2011 , 6, e27313	3.7	31
46	CHOP potentially co-operates with FOXO3a in neuronal cells to regulate PUMA and BIM expression in response to ER stress. <i>PLoS ONE</i> , 2012 , 7, e39586	3.7	142
45	Knockdown of miR-214 promotes apoptosis and inhibits cell proliferation in nasopharyngeal carcinoma. <i>PLoS ONE</i> , 2014 , 9, e86149	3.7	50

44	Involvement of the JNK/FOXO3a/Bim Pathway in Neuronal Apoptosis after Hypoxic-Ischemic Brain Damage in Neonatal Rats. <i>PLoS ONE</i> , 2015 , 10, e0132998	3.7	32
43	Knockout Serum Replacement Promotes Cell Survival by Preventing BIM from Inducing Mitochondrial Cytochrome C Release. <i>PLoS ONE</i> , 2015 , 10, e0140585	3.7	14
42	Activating Akt and the brain's resources to drive cellular survival and prevent inflammatory injury. <i>Histology and Histopathology</i> , 2005 , 20, 299-315	1.4	144
41	Molecular mechanisms of FOXO1 in adipocyte differentiation. <i>Journal of Molecular Endocrinology</i> , 2019 , 62, R239-R253	4.5	22
40	Targeting the regulatory machinery of BIM for cancer therapy. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2012 , 22, 117-29	1.3	19
39	High glucose induces apoptosis via upregulation of Bim expression in proximal tubule epithelial cells. <i>Oncotarget</i> , 2017 , 8, 24119-24129	3.3	15
38	Higher expression of FOXOs correlates to better prognosis of bladder cancer. <i>Oncotarget</i> , 2017 , 8, 963	1 3 -963	22 1
37	Regulation of Bim in Health and Disease. <i>Oncotarget</i> , 2015 , 6, 23058-134	3.3	111
36	The BH3-mimetic gossypol and noncytotoxic doses of valproic acid induce apoptosis by suppressing cyclin-A2/Akt/FOXO3a signaling. <i>Oncotarget</i> , 2015 , 6, 38952-66	3.3	19
35	BIM mediates oncogene inactivation-induced apoptosis in multiple transgenic mouse models of acute lymphoblastic leukemia. <i>Oncotarget</i> , 2016 , 7, 26926-34	3.3	10
34	Molecular mechanisms contributing to glucocorticoid resistance in lymphoid malignancies 2019 , 2, 647	7-664	1
33	Anti-tumor Activity of Propofol: A Focus on MicroRNAs. Current Cancer Drug Targets, 2020, 20, 104-114	2.8	7
32	Ras family small GTPase-mediated neuroprotective signaling in stroke. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2011 , 11, 114-37	1.8	13
31	Anti-Aging Genes Improve Appetite Regulation and Reverse Cell Senescence and Apoptosis in Global Populations. <i>Advances in Aging Research</i> , 2016 , 05, 9-26	0.5	23
30	Transcriptional Mediators of Cellular Hormesis. 2010 , 69-93		1
29	JNK-Mediated FOXO Expression Plays a Critical Role in EGFR Tyrosine Kinase Inhibitor-Induced BIM Expression and Apoptosis. <i>Journal of Cancer Therapy</i> , 2012 , 03, 424-434	0.2	
28	Contribution of Insulin Resistance in Pathogenesis of Alzheimer Disease. 51-73		
27	Stop codon-proximal 3?UTR introns in vertebrates can elicit EJC-dependent Nonsense-Mediated mRNA Decay.		

26	High-throughput Exploration of the Network Dependent on AKT1 in Mouse Ovarian Granulosa Cells. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 1307-1319	7.6	5
25	Role of FoxO transcription factors in aging and age-related metabolic and neurodegenerative diseases. <i>Cell and Bioscience</i> , 2021 , 11, 188	9.8	8
24	Bim regulation may determine hippocampal vulnerability after injurious seizures and in temporal lobe epilepsy. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1059-68	15.9	47
23	Role of PI3KAkt and PTEN in the Growth and Progression of Prostate Cancer. 2008, 291-308		
22	Microarray Data Mining for Potential Selenium Targets in Chemoprevention of Prostate Cancer. <i>Cancer Genomics and Proteomics</i> , 2005 , 2, 97-114	3.3	23
21	[Role of c-Jun N-terminal kinase-mediated FOXO3a nuclear translocation in neuronal apoptosis in neonatal rats with hypoxic-ischemic brain damage]. <i>Chinese Journal of Contemporary Pediatrics</i> , 2017 , 19, 458-462	0.8	1
20	Akt inhibitor augments anti-proliferative efficacy of a dual mTORC1/2 inhibitor by FOXO3a activation in p53 mutated hepatocarcinoma cells. <i>Cell Death and Disease</i> , 2021 , 12, 1073	9.8	0
19	SIRT2 tyrosine nitration by peroxynitrite in response to renal ischaemia/reperfusion injury <i>Free Radical Research</i> , 2022 , 1-45	4	
18	Inhibition of cell proliferation by Tas of foamy viruses through cell cycle arrest or apoptosis underlines the different mechanisms of virus-host interactions <i>Virulence</i> , 2022 , 13, 342-354	4.7	0
17	Natural Plant Compounds: Does Caffeine, Dipotassium Glycyrrhizinate, Curcumin, and Euphol Play Roles as Antitumoral Compounds in Glioblastoma Cell Lines?. <i>Frontiers in Neurology</i> , 2021 , 12, 784330	4.1	1
16	Regulation of mitochondrial function by forkhead transcription factors <i>Biochimie</i> , 2022 ,	4.6	1
15	The Role of Mesothelin Expression in Serous Ovarian Carcinoma: Impacts on Diagnosis, Prognosis, and Therapeutic Targets <i>Cancers</i> , 2022 , 14,	6.6	
14	BimEL is an important determinant for induction of anoikis sensitivity by mitogen-activated protein/extracellular signal-regulated kinase kinase inhibitors. <i>Molecular Cancer Therapeutics</i> , 2004 , 3, 1281-1288	6.1	9
13	The AICD fragment of APP initiates a FoxO3a mediated response via FANCD2. <i>Molecular and Cellular Neurosciences</i> , 2022 , 122, 103760	4.8	
12	Natural Compounds for SIRT1-Mediated Oxidative Stress and Neuroinflammation in Stroke: A Potential Therapeutic Target in the Future. 2022 , 2022, 1-16		0
11	FOXO1 represses MCL1 transcription to regulate the function of vascular smooth muscle cells in intracranial aneurysm.		O
10	Identification of NHLRC1 as a Novel AKT Activator from a Lung Cancer Epigenome-Wide Association Study (EWAS). 2022 , 23, 10699		O
9	Collateral deletion of the mitochondrial AAA+ ATPase ATAD1 sensitizes cancer cells to proteasome dysfunction. 11,		O

CITATION REPORT

8	Pulsatilla vulgaris Inhibits Cancer Proliferation in Signaling Pathways of 12 Reporter Genes. 2023 , 24, 1139	0
7	The Expression of FOXO3a as a Forensic Diagnostic Tool in Cases of Traumatic Brain Injury: An Immunohistochemical Study. 2023 , 24, 2584	Ο
6	In silico and in vitro analyses of a novel FoxO1 agonist reducing Allevels via downregulation of BACE1.	O
5	Non-coding RNAs and Exosomal Non-coding RNAs in Traumatic Brain Injury: the Small Player with Big Actions.	O
4	Genetic deviation associated with photodynamic therapy in HeLa cell. 2023 , 42, 103346	О
3	Dach1 deficiency drives alveolar epithelium apoptosis in pulmonary fibrosis via modulating C-Jun/Bim activity. 2023 ,	O
3		0