

In Kyoung Lim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3544439/publications.pdf>

Version: 2024-02-01

72
papers

1,939
citations

236925

25
h-index

265206

42
g-index

76
all docs

76
docs citations

76
times ranked

2563
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of elongated giant mitochondria in DFO-induced cellular senescence: Involvement of enhanced fusion process through modulation of Fis1. <i>Journal of Cellular Physiology</i> , 2006, 209, 468-480.	4.1	234
2	Constitutive Induction of p-Erk1/2 Accompanied by Reduced Activities of Protein Phosphatases 1 and 2A and MKP3 Due to Reactive Oxygen Species during Cellular Senescence. <i>Journal of Biological Chemistry</i> , 2003, 278, 37497-37510.	3.4	113
3	TIS21 /BTG2/PC3 as a link between ageing and cancer: cell cycle regulator and endogenous cell death molecule. <i>Journal of Cancer Research and Clinical Oncology</i> , 2006, 132, 417-426.	2.5	95
4	Biological methylation of myelin basic protein: Enzymology and biological significance. <i>International Journal of Biochemistry and Cell Biology</i> , 1997, 29, 743-751.	2.8	73
5	Enhanced glycogenesis is involved in cellular senescence via GSK3/GS modulation. <i>Aging Cell</i> , 2008, 7, 894-907.	6.7	73
6	TIS21 negatively regulates hepatocarcinogenesis by disruption of cyclin B1-Forkhead box M1 regulation loop. <i>Hepatology</i> , 2008, 47, 1533-1543.	7.3	69
7	Induction of growth inhibition of 293 cells by downregulation of the cyclin E and cyclin-dependent kinase 4 proteins due to overexpression of TIS21. <i>Molecular Carcinogenesis</i> , 1998, 23, 25-35.	2.7	67
8	Nuclear Accumulation of Globular Actin as a Cellular Senescence Marker. <i>Cancer Research</i> , 2004, 64, 572-580.	0.9	65
9	Cytoplasmic retention of p-Erk1/2 and nuclear accumulation of actin proteins during cellular senescence in human diploid fibroblasts. <i>Mechanisms of Ageing and Development</i> , 2000, 119, 113-130.	4.6	58
10	Two synaptotagmin genes, Syt 1 and Syt 4, are differentially regulated in adult brain and during postnatal development following kainic acid-induced seizures. <i>Molecular Brain Research</i> , 1996, 40, 229-239.	2.3	53
11	TIS21/BTG2/PC3 is expressed through PKC- δ pathway and inhibits binding of cyclin B1-Cdc2 and its activity, independent of p53 expression. <i>Experimental Cell Research</i> , 2004, 299, 159-170.	2.6	53
12	Sensitization of metformin-cytotoxicity by dichloroacetate via reprogramming glucose metabolism in cancer cells. <i>Cancer Letters</i> , 2014, 346, 300-308.	7.2	52
13	Sequential changes in hepatocarcinogenesis induced by diethylnitrosamine plus thioacetamide in Fischer 344 rats: Induction of gankyrin expression in liver fibrosis, pRB degradation in cirrhosis, and methylation of p16INK4A exon 1 in hepatocellular carcinoma. <i>Molecular Carcinogenesis</i> , 2001, 30, 138-150.	2.7	50
14	ICE-like protease (caspase) is involved in transforming growth factor β 1-mediated apoptosis in FaO rat hepatoma cell line. <i>Hepatology</i> , 1998, 27, 415-421.	7.3	48
15	Phosphorylation of Serine 147 of tis21/BTG2/pc3 by p-Erk1/2 Induces Pin-1 Binding in Cytoplasm and Cell Death. <i>Journal of Biological Chemistry</i> , 2005, 280, 21256-21263.	3.4	46
16	Regulation of Btg2/TIS21/PC3 expression via reactive oxygen species- α protein kinase C- δ pathway under stress conditions. <i>Cellular Signalling</i> , 2013, 25, 2400-2412.	3.6	42
17	Direct activation of TGF- β 1 transcription by androgen and androgen receptor complex in Huh7 human hepatoma cells and its tumor in nude mice. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 393-411.	2.6	40
18	BTG2 suppresses cancer cell migration through inhibition of Src-FAK signaling by downregulation of reactive oxygen species generation in mitochondria. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 901-913.	3.3	39

#	ARTICLE	IF	CITATIONS
19	Experimental Oncology Differential expression of TIS21 and TIS1 genes in the various organs of Balb/c mice, thymic carcinoma tissues and human cancer cell lines. <i>Journal of Cancer Research and Clinical Oncology</i> , 1995, 121, 279-284.	2.5	37
20	Spectrum of molecular changes during hepatocarcinogenesis induced by DEN and other chemicals in Fischer 344 male rats. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 1665-1680.	4.6	36
21	B Cell Translocation Gene 2 Enhances Susceptibility of HeLa Cells to Doxorubicin-induced Oxidative Damage. <i>Journal of Biological Chemistry</i> , 2008, 283, 33110-33118.	3.4	34
22	Phosphorylated Extracellular Signal-regulated Protein Kinases 1 and 2 Phosphorylate Sp1 on Serine 59 and Regulate Cellular Senescence via Transcription of p21Sdi1/Cip1/Waf1. <i>Journal of Biological Chemistry</i> , 2009, 284, 15475-15486.	3.4	32
23	TIS21/BTG2/PC3 accelerates the repair of DNA double strand breaks by enhancing Mre11 methylation and blocking damage signal transfer to the Chk2/ATR/p53 pathway. <i>DNA Repair</i> , 2012, 11, 965-975.	2.8	28
24	Inhibition of bladder cancer invasion by Sp1-mediated BTG2 expression via inhibition of DNA methyltransferase 1. <i>FEBS Journal</i> , 2014, 281, 5581-5601.	4.7	26
25	TIS21/BTG2 Negatively Regulates Estradiol-Stimulated Expansion of Hematopoietic Stem Cells by Derepressing Akt Phosphorylation and Inhibiting mTOR Signal Transduction. <i>Stem Cells</i> , 2008, 26, 2339-2348.	3.2	25
26	Effect of nodularin on the expression of glutathione S-transferase placental form and proliferating cell nuclear antigen in N-nitrosodiethylamine initiated hepatocarcinogenesis in the male Fischer 344 rat. <i>Carcinogenesis</i> , 1999, 20, 1541-1548.	2.8	24
27	B-cell translocation gene 2 mediates crosstalk between PI3K/Akt1 and NF- κ B pathways which enhances transcription of MnSOD by accelerating I κ B degradation in normal and cancer cells. <i>Cell Communication and Signaling</i> , 2013, 11, 69.	6.5	23
28	Erratum to "Spectrum of molecular changes during hepatocarcinogenesis induced by DEN and other chemicals in Fischer 344 male rats" [<i>Mechanisms of Ageing and Development</i> 123 (2002) 1665-1680]. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 697-708.	4.6	22
29	TIS21/BTG2/PC3 enhances downregulation of c-Myc during differentiation of HL-60 cells by activating Erk1/2 and inhibiting Akt in response to all-trans-retinoic acid. <i>European Journal of Cancer</i> , 2012, 48, 2474-2485.	2.8	22
30	Skp2 enhances polyubiquitination and degradation of TIS21/BTG2/PC3, tumor suppressor protein, at the downstream of FoxM1. <i>Experimental Cell Research</i> , 2009, 315, 3152-3162.	2.6	20
31	TIS21/BTG2 inhibits invadopodia formation by downregulating reactive oxygen species level in MDA-MB-231 cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 1657-1665.	2.5	20
32	Cellular reactive protein induces G2/M phase cell cycle arrest and apoptosis in monocytes through the upregulation of cell translocation gene 2 expression. <i>FEBS Letters</i> , 2014, 588, 625-631.	2.8	19
33	Marked inhibition of testosterone biosynthesis by the hepatotoxin nodularin due to apoptosis of Leydig cells. <i>Molecular Carcinogenesis</i> , 2002, 34, 151-163.	2.7	16
34	Regulation of selection of liver nodules initiated with N-nitrosodiethylamine and promoted with nodularin injections in Fischer 344 male rats by reciprocal expression of transforming growth factor- β 1 and its receptors. <i>Molecular Carcinogenesis</i> , 1999, 26, 83-92.	2.7	15
35	Protection of 5 α -dihydrotestosterone against TGF- β 2-induced apoptosis in FaO cells and induction of mitosis in HepG2 cells. , 1997, 72, 351-355.		14
36	Shifting p53-induced senescence to cell death by TIS21 /BTG2/Pc3 gene through posttranslational modification of p53 protein. <i>Cellular Signalling</i> , 2016, 28, 1172-1185.	3.6	14

#	ARTICLE	IF	CITATIONS
37	Differential expression of O ⁶ -methylguanine-DNA methyltransferase during diethylnitrosamine-induced carcinogenesis and liver regeneration in Sprague-Dawley male rats. <i>Journal of Cancer Research and Clinical Oncology</i> , 1999, 125, 493-499.	2.5	13
38	Compartmental inhibition of hepatic glutathione reductase activities by 1,3-bis(2-chloroethyl)-N-nitrosourea (BCNU) in Sprague-Dawley and Fischer-344 rats. <i>Toxicology Letters</i> , 2004, 147, 219-228.	0.8	13
39	Pleiotrophin inhibits transforming growth factor- β -induced apoptosis in hepatoma cell lines. <i>Molecular Carcinogenesis</i> , 2008, 47, 784-796.	2.7	13
40	Role of TNF- α -Inducing Protein Secreted by <i>Helicobacter pylori</i> as a Tumor Promoter in Gastric Cancer and Emerging Preventive Strategies. <i>Toxins</i> , 2021, 13, 181.	3.4	13
41	Expression of rat BTG3 gene, <i>Rbtg3</i> , is regulated by redox changes. <i>Gene</i> , 1999, 240, 165-173.	2.2	12
42	Translocational Inefficiency of Intracellular Proteins in Senescence of Human Diploid Fibroblasts. <i>Annals of the New York Academy of Sciences</i> , 2001, 928, 176-181.	3.8	12
43	Phylogenetic characterization of norovirus strains detected from sporadic gastroenteritis in Seoul during 2014-2016. <i>Gut Pathogens</i> , 2018, 10, 36.	3.4	12
44	Signals regulating necrosis of cardiomyoblast by BTG2/TIS21/PC3 via activation of GSK3 β and opening of mitochondrial permeability transition pore in response to H ₂ O ₂ . <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 559-565.	2.1	11
45	Accumulation of cytolytic CD8 ⁺ T cells in B16-melanoma and proliferation of mature T cells in TIS21-knockout mice after T cell receptor stimulation. <i>Experimental Cell Research</i> , 2014, 327, 209-221.	2.6	11
46	C-terminus-deleted FoxM1 is expressed in cancer cell lines and induces chromosome instability. <i>Carcinogenesis</i> , 2013, 34, 1907-1917.	2.8	10
47	TIS21/BTG2/PC3 inhibits interleukin-6 expression via downregulation of STAT3 pathway. <i>Cellular Signalling</i> , 2013, 25, 2391-2399.	3.6	10
48	Identification of highly methylated arginine residues in an endogenous 20-kDa polypeptide in cancer cells. <i>Life Sciences</i> , 1999, 65, 737-745.	4.3	9
49	Inhibition of TNF- α -interacting protein-1 (Tip1)-associated gastric carcinogenesis by BTG2/TIS21 via downregulating cytoplasmic nucleolin expression. <i>Experimental and Molecular Medicine</i> , 2018, 50, e449-e449.	7.7	9
50	TIS21/BTG2 inhibits breast cancer growth and progression by differential regulation of mTORc1 and mTORc2-AKT1-NFAT1-PHLPP2 signaling axis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 1445-1462.	2.5	9
51	Translational downregulation of Twist1 expression by antiproliferative gene, B-cell translocation gene 2, in the triple negative breast cancer cells. <i>Cell Death and Disease</i> , 2019, 10, 410.	6.3	9
52	Pronase-Based Assay Method for O ⁶ -Methylguanine-DNA Methyltransferase. <i>Analytical Biochemistry</i> , 1996, 236, 284-289.	2.4	8
53	Reduction of exportin 6 activity leads to actin accumulation via failure of RanGTP restoration and NTF2 sequestration in the nuclei of senescent cells. <i>Experimental Cell Research</i> , 2011, 317, 941-954.	2.6	8
54	Downregulation of PEA-15 reverses G1 arrest, and nuclear and chromatin changes of senescence phenotype via pErk1/2 translocation to nuclei. <i>Cellular Signalling</i> , 2015, 27, 1102-1109.	3.6	8

#	ARTICLE	IF	CITATIONS
55	Increased drug resistance following retroviral gene transfer of a chimeric P-enolpyruvate carboxykinase (GTIP)-bacterial O6 alkylguanine-DNA alkyltransferase gene into NRK cells. <i>Carcinogenesis</i> , 1990, 11, 737-743.	2.8	7
56	TIS21/BTG2 inhibits doxorubicin-induced stress fiber-vimentin networks via Nox4-ROS-ABI2-DRF-linked signal cascade. <i>Cellular Signalling</i> , 2017, 30, 179-190.	3.6	7
57	Mitochondrial nucleoid remodeling and biogenesis are regulated by the p53-p21WAF1-PKCi pathway in p16INK4a-silenced cells. <i>Aging</i> , 2020, 12, 6700-6732.	3.1	7
58	Loss of p21Sdi1 expression in senescent cells after DNA damage accompanied with increase of miR-93 expression and reduced p53 interaction with p21Sdi1 gene promoter. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 406-411.	2.1	6
59	B-cell translocation gene 2: Expression in the rat ovary and potential association with adenine nucleotide translocase 2 in mitochondria. <i>Molecular and Cellular Endocrinology</i> , 2013, 367, 31-40.	3.2	5
60	Protein Methylation and Interaction with the Antiproliferative Gene, BTG2^{/TIS21/Pc3}. <i>Yonsei Medical Journal</i> , 2014, 55, 292.	2.2	4
61	Stress-induced NF- κ B activation differentiates promyelocytic leukemia cells to macrophages in response to all-trans-retinoic acid. <i>Cellular Signalling</i> , 2015, 27, 694-706.	3.6	4
62	Regulations of Reversal of Senescence by PKC Isozymes in Response to 12-O-Tetradecanoylphorbol-13-Acetate via Nuclear Translocation of pErk1/2. <i>Molecules and Cells</i> , 2016, 39, 266-279.	2.6	4
63	PPAR α -Target Gene Expression Requires TIS21 Gene in Liver of the C57BL/6 Mice under Fasting Condition. <i>Molecules and Cells</i> , 2018, 41, 140-149.	2.6	2
64	Induction of thermal and chemical stability of O6-methylguanine-DNA methyltransferase by Ca ²⁺ . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1599, 36-44.	2.3	1
65	Strong immunoexpression of midkine is associated with multiple lymph node metastases in BRAFV600E papillary thyroid carcinoma. <i>Journal of Clinical Oncology</i> , 2016, 34, e17552-e17552.	1.6	1
66	Friendship in research: the Japan-Korea symposia on cancer and ageing. <i>Journal of Cancer Research and Clinical Oncology</i> , 2008, 134, 813-817.	2.5	0
67	Establishing MD-PhD Programs in the Graduate School of Medicine in Korea. <i>Journal of the Korean Medical Association</i> , 2008, 51, 500.	0.3	0
68	Abstract 3112:TIS21/BTG2/PC3enhances down-regulation of c-Myc expression during all-trans-retinoic acid-induced differentiation of acute promyelocytic leukemia cells. , 2010, , .		0
69	Abstract 211: TIS21/BTG2/PC3triggers cancer cell death, instead of cellular senescence, by enhancing proapoptotic gene expression at the downstream of p53. , 2011, , .		0
70	Abstract 1451: Inhibition of cell migrationviareduced phosphorylation of focal adhesion kinase by TIS21/BTG2/PC3in A549 cells. , 2011, , .		0
71	Abstract 495: Overexpression of TIS21/BTG2/PC3inhibits formation of invadopodia in the highly metastatic breast cancer cells MDA-MB-231. , 2012, , .		0
72	Abstract 1857: Dichloroacetate (DCA), pyruvate dehydrogenase kinase (PDK) inhibitor, enhances the cytotoxic effect induced by metformin .. , 2013, , .		0