

Jing Yi

List of Publications by Year in descending order

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59
papers

3,758
citations

136950

32
h-index

144013

57
g-index

59
all docs

59
docs citations

59
times ranked

6369
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer cell killing via ROS: To increase or decrease, that is the question. <i>Cancer Biology and Therapy</i> , 2008, 7, 1875-1884.	3.4	694
2	SoNar, a Highly Responsive NAD ⁺ /NADH Sensor, Allows High-Throughput Metabolic Screening of Anti-tumor Agents. <i>Cell Metabolism</i> , 2015, 21, 777-789.	16.2	311
3	SEN3 is responsible for HIF-1 transactivation under mild oxidative stress via p300 de-SUMOylation. <i>EMBO Journal</i> , 2009, 28, 2748-2762.	7.8	172
4	Nucleolar Stress: hallmarks, sensing mechanism and diseases. <i>Cell Stress</i> , 2018, 2, 125-140.	3.2	172
5	Redox Sensing by Proteins: Oxidative Modifications on Cysteines and the Consequent Events. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 649-657.	5.4	156
6	Emodin Enhances Arsenic Trioxide-Induced Apoptosis via Generation of Reactive Oxygen Species and Inhibition of Survival Signaling. <i>Cancer Research</i> , 2004, 64, 108-116.	0.9	148
7	SEN1-Sirt3 Signaling Controls Mitochondrial Protein Acetylation and Metabolism. <i>Molecular Cell</i> , 2019, 75, 823-834.e5.	9.7	119
8	Redox regulation of the stability of the SUMO protease SEN3 via interactions with CHIP and Hsp90. <i>EMBO Journal</i> , 2010, 29, 3773-3786.	7.8	107
9	Oxidative modification of caspase-9 facilitates its activation via disulfide-mediated interaction with Apaf-1. <i>Cell Research</i> , 2009, 19, 449-457.	12.0	101
10	A redox mechanism underlying nucleolar stress sensing by nucleophosmin. <i>Nature Communications</i> , 2016, 7, 13599.	12.8	94
11	Emodin enhances cytotoxicity of chemotherapeutic drugs in prostate cancer cells: The mechanisms involve ROS-mediated suppression of multidrug resistance and hypoxia inducible factor-1. <i>Cancer Biology and Therapy</i> , 2008, 7, 468-475.	3.4	93
12	SEN3-mediated De-conjugation of SUMO2/3 from Promyelocytic Leukemia Is Correlated with Accelerated Cell Proliferation under Mild Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2010, 285, 12906-12915.	3.4	92
13	SEN3 maintains the stability and function of regulatory T cells via BACH2 deSUMOylation. <i>Nature Communications</i> , 2018, 9, 3157.	12.8	87
14	A Small-Molecule Inhibitor of Bax and Bak Oligomerization Prevents Genotoxic Cell Death and Promotes Neuroprotection. <i>Cell Chemical Biology</i> , 2017, 24, 493-506.e5.	5.2	76
15	Emodin-Induced Generation of Reactive Oxygen Species Inhibits RhoA Activation to Sensitize Gastric Carcinoma Cells to Anoikis. <i>Neoplasia</i> , 2008, 10, 41-IN19.	5.3	74
16	Anthraquinones sensitize tumor cells to arsenic cytotoxicity in vitro and in vivo via reactive oxygen species-mediated dual regulation of apoptosis. <i>Free Radical Biology and Medicine</i> , 2004, 37, 2027-2041.	2.9	70
17	Emodin enhances sensitivity of gallbladder cancer cells to platinum drugs via glutathione depletion and MRP1 downregulation. <i>Biochemical Pharmacology</i> , 2010, 79, 1134-1140.	4.4	64
18	Emodin As an Effective Agent in Targeting Cancer Stem-Like Side Population Cells of Gallbladder Carcinoma. <i>Stem Cells and Development</i> , 2013, 22, 554-566.	2.1	59

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19	De-SUMOylation of FOXC2 by SENP3 promotes the epithelial-mesenchymal transition in gastric cancer cells. <i>Oncotarget</i> , 2014, 5, 7093-7104.	1.8	55
20	The cell cycle related apoptotic susceptibility to arsenic trioxide is associated with the level of reactive oxygen species. <i>Cell Research</i> , 2004, 14, 81-85.	12.0	54
21	Alteration of subcellular redox equilibrium and the consequent oxidative modification of nuclear factor κ B are critical for anticancer cytotoxicity by emodin, a reactive oxygen species-producing agent. <i>Free Radical Biology and Medicine</i> , 2006, 40, 2183-2197.	2.9	53
22	Atorvastatin Improves Plaque Stability in ApoE-Knockout Mice by Regulating Chemokines and Chemokine Receptors. <i>PLoS ONE</i> , 2014, 9, e97009.	2.5	53
23	Orphan Nuclear Receptor Nur77 Inhibits Angiotensin II-Induced Vascular Remodeling via Downregulation of β -Catenin. <i>Hypertension</i> , 2016, 67, 153-162.	2.7	51
24	A fine-tuning mechanism underlying self-control for autophagy: deSUMOylation of BECN1 by SENP3. <i>Autophagy</i> , 2020, 16, 975-990.	9.1	49
25	SENP3 senses oxidative stress to facilitate STING-dependent dendritic cell antitumor function. <i>Molecular Cell</i> , 2021, 81, 940-952.e5.	9.7	48
26	The endogenous reactive oxygen species promote NF- κ B activation by targeting on activation of NF- κ B-inducing kinase in oral squamous carcinoma cells. <i>Free Radical Research</i> , 2007, 41, 963-971.	3.3	43
27	NADPH oxidase-derived reactive oxygen species are responsible for the high susceptibility to arsenic cytotoxicity in acute promyelocytic leukemia cells. <i>Leukemia Research</i> , 2008, 32, 429-436.	0.8	41
28	p16 gene methylation in colorectal cancers associated with Duke's staging. <i>World Journal of Gastroenterology</i> , 2001, 7, 722.	3.3	38
29	Functional implication of autophagy in steroid-secreting cells of the rat. <i>The Anatomical Record</i> , 1995, 242, 137-146.	1.8	37
30	The biphasic redox sensing of SENP3 accounts for the HIF-1 transcriptional activity shift by oxidative stress. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 953-963.	6.1	34
31	The convergent point of the endocytic and autophagic pathways in leydig cells. <i>Cell Research</i> , 1999, 9, 243-253.	12.0	32
32	Synthesis and antitumour activity of β -hydroxyisovalerylshikonin analogues. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3934-3941.	5.5	32
33	Mechanisms of verapamil-enhanced chemosensitivity of gallbladder cancer cells to platinum drugs: Glutathione reduction and MRP1 downregulation. <i>Oncology Reports</i> , 2013, 29, 676-684.	2.6	32
34	DeSUMOylation of MKK7 kinase by the SUMO2/3 protease SENP3 potentiates lipopolysaccharide-induced inflammatory signaling in macrophages. <i>Journal of Biological Chemistry</i> , 2018, 293, 3965-3980.	3.4	32
35	hCINAP regulates the DNA-damage response and mediates the resistance of acute myelocytic leukemia cells to therapy. <i>Nature Communications</i> , 2019, 10, 3812.	12.8	31
36	κ SUMO2 and κ SUMO3 transcription is differentially regulated by oxidative stress in an Sp1-dependent manner. <i>Biochemical Journal</i> , 2011, 435, 489-498.	3.7	30

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37	SENP3 loss promotes M2 macrophage polarization and breast cancer progression. <i>Molecular Oncology</i> , 2022, 16, 1026-1044.	4.6	29
38	Phenylethyl isothiocyanate reverses cisplatin resistance in biliary tract cancer cells via glutathionylation-dependent degradation of Mcl-1. <i>Oncotarget</i> , 2016, 7, 10271-10282.	1.8	29
39	Redox-sensitive enzyme SENP3 mediates vascular remodeling via de-SUMOylation of β -catenin and regulation of its stability. <i>EBioMedicine</i> , 2021, 67, 103386.	6.1	25
40	The sensitivity of digestive tract tumor cells to As ₂ O ₃ is associated with the inherent cellular level of reactive oxygen species. <i>World Journal of Gastroenterology</i> , 2002, 8, 36.	3.3	23
41	Emodin potentiates the anticancer effect of cisplatin on gallbladder cancer cells through the generation of reactive oxygen species and the inhibition of survivin expression. <i>Oncology Reports</i> , 2011, 26, 1143-8.	2.6	22
42	SENP3 regulates the global protein turnover and the Sp1 level via antagonizing SUMO2/3-targeted ubiquitination and degradation. <i>Protein and Cell</i> , 2016, 7, 63-77.	11.0	21
43	Tumor suppressor HIC1 is synergistically compromised by cancer-associated fibroblasts and tumor cells through the IL-6/pSTAT3 axis in breast cancer. <i>BMC Cancer</i> , 2019, 19, 1180.	2.6	20
44	PML/RAR α fusion protein mediates the unique sensitivity to arsenic cytotoxicity in acute promyelocytic leukemia cells: Mechanisms involve the impairment of cAMP signaling and the aberrant regulation of NADPH oxidase. <i>Journal of Cellular Physiology</i> , 2008, 217, 486-493.	4.1	17
45	Autografts and Xenografts of Skin Fibroblasts Delivering BMP α 2 Effectively Promote Orthotopic and Ectopic Osteogenesis. <i>Anatomical Record</i> , 2009, 292, 777-786.	1.4	17
46	Gene expression alteration during redox-dependent enhancement of arsenic cytotoxicity by emodin in HeLa cells. <i>Cell Research</i> , 2005, 15, 511-522.	12.0	16
47	The orphan nuclear receptor Nur77 inhibits low shear stress-induced carotid artery remodeling in mice. <i>International Journal of Molecular Medicine</i> , 2015, 36, 1547-1555.	4.0	16
48	SENP3 Suppresses Osteoclastogenesis by De-conjugating SUMO2/3 from IRF8 in Bone Marrow-Derived Monocytes. <i>Cell Reports</i> , 2020, 30, 1951-1963.e4.	6.4	16
49	P53 suppresses SENP3 phosphorylation to mediate G2 checkpoint. <i>Cell Discovery</i> , 2020, 6, 21.	6.7	15
50	Dicoumarol Alters Cellular Redox State and Inhibits Nuclear Factor Kappa B to Enhance Arsenic Trioxide-Induced Apoptosis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2004, 36, 235-242.	2.0	13
51	SENP3 in monocytes/macrophages up-regulates tissue factor and mediates lipopolysaccharide-induced acute lung injury by enhancing JNK phosphorylation. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5454-5462.	3.6	12
52	Cleavage of Ku80 by caspase-2 promotes non-homologous end joining-mediated DNA repair. <i>DNA Repair</i> , 2017, 60, 18-28.	2.8	9
53	The correlation between plasma total homocysteine level and gestational diabetes mellitus in a Chinese Han population. <i>Scientific Reports</i> , 2020, 10, 18679.	3.3	9
54	Assessment of SENP3-interacting proteins in hepatocytes treated with diethylnitrosamine by BioID assay. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1237-1246.	2.0	5

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55	Expressions of farnesoid X receptor and myeloid cell leukemia sequence 1 protein are associated with poor prognosis in patients with gallbladder cancer. Chinese Medical Journal, 2014, 127, 2637-42.	2.3	5
56	SUMO proteases SENP3 and SENP5 spatiotemporally regulate the kinase activity of Aurora A. Journal of Cell Science, 2021, 134, .	2.0	4
57	Apoptosis susceptibility of tumor cells to arsenic trioxide and the inherent cellular level of reactive oxygen species. Chinese Medical Journal, 2002, 115, 603-6.	2.3	1
58	In situ PCR and immunohistochemical studies on p16 gene in pituitary adenomas. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2000, 12, 10-15.	2.2	0
59	P16 methylation of the colorectal cancer and association with dukes stages. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2001, 13, 288-290.	2.2	0