Karl Riabowol

List of Publications by Year
in descending order

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38 papers	2,140 citations	394286 19 h-index	330025 37 g-index
38 all docs	38 docs citations	38 times ranked	3043 citing authors

#	Article	IF	Citations
1	Gender and telomere length: Systematic review and meta-analysis. Experimental Gerontology, 2014, 51, 15-27.	1.2	394
2	Suppression of the novel growth inhibitor p33ING1 promotes neoplastic transformation. Nature Genetics, 1996, 14, 415-420.	9.4	279
3	Phylogenetic Analysis of the ING Family of PHD Finger Proteins. Molecular Biology and Evolution, 2005, 22, 104-116.	3.5	164
4	Survivin as a Preferential Target for Cancer Therapy. International Journal of Molecular Sciences, 2014, 15, 2494-2516.	1.8	144
5	After a decade of study-ING, a PHD for a versatile family of proteins. Trends in Biochemical Sciences, 2007, 32, 509-519.	3.7	141
6	Suppression of ING1 expression in sporadic breast cancer. Oncogene, 1999, 18, 5187-5193.	2.6	128
7	Grow-ING, Age-ING and Die-ING: ING proteins link cancer, senescence and apoptosis. Experimental Cell Research, 2006, 312, 951-961.	1.2	103
8	Tethering by lamin A stabilizes and targets the ING1 tumour suppressor. Nature Cell Biology, 2008, 10, 1333-1340.	4.6	86
9	Rapid Isolation of Nuclei from Cells In Vitro. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot083733.	0.2	85
10	Keepâ€ING balance: Tumor suppression by epigenetic regulation. FEBS Letters, 2014, 588, 2728-2742.	1.3	62
11	HSP70 Induction by ING Proteins Sensitizes Cells to Tumor Necrosis Factor Alpha Receptor-Mediated Apoptosis. Molecular and Cellular Biology, 2006, 26, 9244-9255.	1.1	54
12	ING1a expression increases during replicative senescence and induces a senescent phenotype. Aging Cell, 2008, 7, 783-794.	3.0	54
13	Loss of functional caveolae during senescence of human fibroblasts. Journal of Cellular Physiology, 2001, 187, 226-235.	2.0	53
14	Senolytics: A Translational Bridge Between Cellular Senescence and Organismal Aging. Frontiers in Cell and Developmental Biology, 2019, 7, 367.	1.8	40
15	The p53 Tumor Suppressor Is Stabilized by Inhibitor of Growth 1 (ING1) by Blocking Polyubiquitination. PLoS ONE, 2011, 6, e21065.	1.1	36
16	ING function in apoptosis in diverse model systemsThis paper is one of a selection of papers published in this Special Issue, entitled CSBMCBâ€™s 51st Annual MeetingÂâ€“ Epigenetics and Chromatin Dynamics, and has undergone the Journalâ€™s usual peer review process.. Biochemistry and Cell Biology, 2009, 87, 117-125.	0.9	32
17	ING1 and 5-Azacytidine Act Synergistically to Block Breast Cancer Cell Growth. PLoS ONE, 2012, 7, e43671.	1.1	30
18	Biological Functions of the ING Proteins. Cancers, 2019, 11, 1817.	1.7	29

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19	Senescence and Apoptosis: Architects of Mammalian Development. Frontiers in Cell and Developmental Biology, 2020, 8, 620089.	1.8	23
20	Identification of a Novel Function for the Chromatin Remodeling Protein ING2 in Muscle Differentiation. PLoS ONE, 2012, 7, e40684.	1.1	21
21	A Panel of CAb Antibodies Recognize Endogenous and Ectopically Expressed ING1 Protein. Hybridoma, 2000, 19, 161-165.	0.9	19
22	Aging with ING: a comparative study of different forms of stress induced premature senescence. Oncotarget, 2015, 6, 34118-34127.	0.8	19
23	ING1 regulates rRNA levels by altering nucleolar chromatin structure and mTOR localization. Nucleic Acids Research, 2017, 45, 1776-1792.	6.5	16
24	ING3 protein expression profiling in normal human tissues suggest its role in cellular growth and self-renewal. European Journal of Cell Biology, 2015, 94, 214-222.	1.6	15
25	Low Ki67/high ATM protein expression in malignant tumors predicts favorable prognosis in a retrospective study of early stage hormone receptor positive breast cancer. Oncotarget, 2016, 7, 85798-85812.	0.8	15
26	Isolation of Pure Nuclei Using a Sucrose Method. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot083741.	0.2	14
27	RegulatING chromatin regulators: post-translational modification of the ING family of epigenetic regulators. Biochemical Journal, 2013, 450, 433-442.	1.7	13
28	Loss of Ing3 Expression Results in Growth Retardation and Embryonic Death. Cancers, 2020, 12, 80.	1.7	13
29	Isolation of Nuclei. Cold Spring Harbor Protocols, 2015, 2015, pdb.top074583.	0.2	10
30	Telomere analysis using 3D fluorescence microscopy suggests mammalian telomere clustering in hTERT-immortalized Hs68 fibroblasts. Communications Biology, 2019, 2, 451.	2.0	10
31	Histone Acetyltransferases and Stem Cell Identity. Cancers, 2021, 13, 2407.	1.7	9
32	SUMOylation of the ING1b tumor suppressor regulates gene transcription. Carcinogenesis, 2014, 35, 2214-2223.	1.3	8
33	Stromal ING1 expression induces a secretory phenotype and correlates with breast cancer patient survival. Molecular Cancer, 2015, 14, 164.	7.9	7
34	The ING1a model of rapid cell senescence. Mechanisms of Ageing and Development, 2019, 177, 109-117.	2.2	7
35	DisorderING promotes epigenetic order. FEBS Letters, 2017, 591, 257-259.	1.3	4
36	Loss of functional caveolae during senescence of human fibroblasts. Journal of Cellular Physiology, 2001, 187, 226-235.	2.0	2

#	Article	IF	Citations
37	Fluorescence microscopy methods for examining telomeres during cell aging. Ageing Research Reviews, 2021, 68, 101320.	5.0	1
38	EXPRESSION AND ACTIVITY OF p53 DURING LONG TERM QUIESCENCE IN HUMAN DIPLOID FIBROBLASTS. Biochemical Society Transactions, 1996, 24, 599S-599S.	1.6	0