Linda Z Penn

List of Publications by Year
in descending order

110	13,170	31976	29157
papers	citations	53 h-index	104 g-index

118	118	118	16334
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Induction of apoptosis in fibroblasts by c-myc protein. Cell, 1992, 69, 119-128.	28.9	2,949
2	Reflecting on 25 years with MYC. Nature Reviews Cancer, 2008, 8, 976-990.	28.4	1,326
3	The c-Myc Oncogene Directly Induces the H19 Noncoding RNA by Allele-Specific Binding to Potentiate Tumorigenesis. Cancer Research, 2006, 66, 5330-5337.	0.9	451
4	The interplay between cell signalling and the mevalonate pathway in cancer. Nature Reviews Cancer, 2016, 16, 718-731.	28.4	447
5	The myc Oncogene: omplex. Advances in Cancer Research, 2002, 84, 81-154.	5.0	399
6	Bax forms multispanning monomers that oligomerize to permeabilize membranes during apoptosis. EMBO Journal, 2005, 24, 2096-2103.	7.8	337
7	The molecular role of Myc in growth and transformation: recent discoveries lead to new insights. FASEB Journal, 1998, 12, 633-651.	0.5	334
8	Dysregulation of the mevalonate pathway promotes transformation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15051-15056.	7.1	323
9	MYC Deregulation in Primary Human Cancers. Genes, 2017, 8, 151.	2.4	281
10	AML cells have low spare reserve capacity in their respiratory chain that renders them susceptible to oxidative metabolic stress. Blood, 2015, 125, 2120-2130.	1.4	227
11	Three-Gene Prognostic Classifier for Early-Stage Nonâ€“Small-Cell Lung Cancer. Journal of Clinical Oncology, 2007, 25, 5562-5569.	1.6	226
12	Robust global micro-RNA profiling with formalin-fixed paraffin-embedded breast cancer tissues. Laboratory Investigation, 2009, 89, 597-606.	3.7	221
13	Blocking the Raf/MEK/ERK Pathway Sensitizes Acute Myelogenous Leukemia Cells to Lovastatin-Induced Apoptosis. Cancer Research, 2004, 64, 6461-6468.	0.9	202
14	Increased Sensitivity of Acute Myeloid Leukemias to Lovastatin-Induced Apoptosis: A Potential Therapeutic Approach. Blood, 1999, 93, 1308-1318.	1.4	190
15	Prognostic gene signatures for non-small-cell lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2824-2828.	7.1	182
16	OCI-5/GPC3, a Glypican Encoded by a Gene That Is Mutated in the Simpson-Golabi-Behmel Overgrowth Syndrome, Induces Apoptosis in a Cell Lineâ€“specific Manner. Journal of Cell Biology, 1998, 141, 1407-1414.	5.2	178
17	Bcl-xL/Bcl-2 coordinately regulates apoptosis, cell cycle arrest and cell cycle entry. EMBO Journal, 2003, 22, 5459-5470.	7.8	168
18	Analysis of Myc Bound Loci Identified by CpG Island Arrays Shows that Max Is Essential for Myc-Dependent Repression. Current Biology, 2003, 13, 882-886.	3.9	165

#	Article	IF	Citations
19	Cancer therapeutics: Targeting the dark side of Myc. European Journal of Cancer, 2005, 41, 2485-2501.	2.8	155
20	Integrin Â11 regulates IGF2 expression in fibroblasts to enhance tumorigenicity of human non-small-cell lung cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11754-11759.	7.1	141
21	Myc represses the growth arrest gene gadd45. Oncogene, 1997, 14, 2825-2834.	5.9	136
22	MYC protein interactors in gene transcription and cancer. Nature Reviews Cancer, 2021, 21, 579-591.	28.4	136
23	Lovastatin induces apoptosis of ovarian cancer cells and synergizes with doxorubicin: potential therapeutic relevance. BMC Cancer, 2010, 10, 103.	2.6	135
24	Gene Expression Profiling in Cervical Cancer: An Exploration of Intratumor Heterogeneity. Clinical Cancer Research, 2006, 12, 5632-5640.	7.0	131
25	Myc Potentiates Apoptosis by Stimulating Bax Activity at the Mitochondria. Molecular and Cellular Biology, 2001, 21, 4725-4736.	2.3	126
26	MYC Protein Interactome Profiling Reveals Functionally Distinct Regions that Cooperate to Drive Tumorigenesis. Molecular Cell, 2018, 72, 836-848.e7.	9.7	121
27	Endoplasmic reticulum localized Bcl-2 prevents apoptosis when redistribution of cytochrome c is a late event. Oncogene, 2001, 20, 1939-1952.	5.9	117
28	Receptor- and mitochondrial-mediated apoptosis in acute leukemia: a translational view. Blood, 2001, 98, 3541-3553.	1.4	116
29	Identifying Genes Regulated in a Myc-dependent Manner. Journal of Biological Chemistry, 2002, 277, 36921-36930.	3.4	116
30	The Oscar-worthy role of Myc in apoptosis. Seminars in Cancer Biology, 2006, 16, 275-287.	9.6	116
31	BioID identifies novel c-MYC interacting partners in cultured cells and xenograft tumors. Journal of Proteomics, 2015, 118, 95-111.	2.4	112
32	Statins as Anticancer Agents in the Era of Precision Medicine. Clinical Cancer Research, 2020, 26, 5791-5800.	7.0	103
33	Myc and its interactors take shape. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 469-483.	1.9	102
34	Transient structure and dynamics in the disordered c-Myc transactivation domain affect Bin1 binding. Nucleic Acids Research, 2012, 40, 6353-6366.	14.5	97
35	MYC Interacts with the G9a Histone Methyltransferase to Drive Transcriptional Repression and Tumorigenesis. Cancer Cell, 2018, 34, 579-595.e8.	16.8	94
36	A Structure-based Model of the c-Myc/Bin1 Protein Interaction Shows Alternative Splicing of Bin1 and c-Myc Phosphorylation are Key Binding Determinants. Journal of Molecular Biology, 2005, 351, 182-194.	4.2	90

#	Article	IF	Citations
37	CpG Island microarray probe sequences derived from a physical library are representative of CpG Islands annotated on the human genome. Nucleic Acids Research, 2005, 33, 2952-2961.	14.5	89
38	Tumor Cell Kill by c-MYC Depletion: Role of MYC-Regulated Genes that Control DNA Double-Strand Break Repair. Cancer Research, 2010, 70, 8748-8759.	0.9	84
39	Microarray and Biochemical Analysis of Lovastatin-induced Apoptosis of Squamous Cell Carcinomas. Neoplasia, 2002, 4, 337-346.	5.3	82
40	Exploiting the mevalonate pathway to distinguish statin-sensitive multiple myeloma. Blood, 2010, 115, 4787-4797.	1.4	81
41	Carcinoembryonic Antigen, a Human Tumor Marker, Cooperates with Myc and Bcl-2 in Cellular Transformation. Journal of Cell Biology, 1997, 137, 939-952.	5.2	79
42	Lovastatin Induces a Pronounced Differentiation Response in Acute Myeloid Leukemias. Leukemia and Lymphoma, 2000, 40, 167-178.	1.3	77
43	Lysophosphatidic acid prevents apoptosis in fibroblasts via Gi-protein-mediated activation of mitogen-activated protein kinase. Biochemical Journal, 2000, 352, 135-143.	3.7	74
44	Functional analysis of the N-terminal domain of the Myc oncoprotein. Oncogene, 2003, 22, 1998-2010.	5.9	73
45	Identification of a Novel c-Myc Protein Interactor, JPO2, with Transforming Activity in Medulloblastoma Cells. Cancer Research, 2005, 65, 5607-5619.	0.9	72
46	Involvement of Toso in activation of monocytes, macrophages, and granulocytes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2593-2598.	7.1	67
47	Determinants of sensitivity to lovastatin-induced apoptosis in multiple myeloma. Molecular Cancer Therapeutics, 2007, 6, 1886-1897.	4.1	65
48	Role of Pirh2 in Mediating the Regulation of p53 and c-Myc. PLoS Genetics, 2011, 7, e1002360.	3.5	65
49	Immediate Utility of Two Approved Agents to Target Both the Metabolic Mevalonate Pathway and Its Restorative Feedback Loop. Cancer Research, 2014, 74, 4772-4782.	0.9	64
50	Bcl-2 targeted to the endoplasmic reticulum can inhibit apoptosis induced by Myc but not etoposide in Rat-1 fibroblasts. Oncogene, 1999, 18, 3520-3528.	5.9	61
51	Myc: The Beauty and the Beast. Genes and Cancer, 2010, 1, 532-541.	1.9	61
52	Lysophosphatidic acid prevents apoptosis in fibroblasts via Gi-protein-mediated activation of mitogen-activated protein kinase. Biochemical Journal, 2000, 352, 135.	3.7	58
53	c-Myc represses the proximal promoters of GADD45a and GADD153 by a post-RNA polymerase II recruitment mechanism. Oncogene, 2004, 23, 3481-3486.	5.9	55
54	An actionable sterol-regulated feedback loop modulates statin sensitivity in prostate cancer. Molecular Metabolism, 2019, 25, 119-130.	6.5	55

#	Article	IF	Citations
55	Myc Is an Essential Negative Regulator of Platelet-Derived Growth Factor Beta Receptor Expression. Molecular and Cellular Biology, 2000, 20, 6768-6778.	2.3	54
56	Inhibition of the Sodium/Potassium ATPase Impairs N-Glycan Expression and Function. Cancer Research, 2008, 68, 6688-6697.	0.9	54
57	Differential interactions between statins and Pâ€glycoprotein: Implications for exploiting statins as anticancer agents. International Journal of Cancer, 2010, 127, 2936-2948.	5.1	54
58	Identifying molecular features that distinguish fluvastatin-sensitive breast tumor cells. Breast Cancer Research and Treatment, 2014, 143, 301-312.	2.5	52
59	Genome-wide RNAi analysis reveals that simultaneous inhibition of specific mevalonate pathway genes potentiates tumor cell death. Oncotarget, 2015, 6, 26909-26921.	1.8	52
60	Lovastatin Induced Control of Blast Cell Growth in an Elderly Patient with Acute Myeloblastic Leukemia. Leukemia and Lymphoma, 2001, 40, 659-662.	1.3	51
61	CUL7 Is a Novel Antiapoptotic Oncogene. Cancer Research, 2007, 67, 9616-9622.	0.9	50
62	Statin-Induced Cancer Cell Death Can Be Mechanistically Uncoupled from Prenylation of RAS Family Proteins. Cancer Research, 2018, 78, 1347-1357.	0.9	49
63	Multiple direct interactions of TBP with the MYC oncoprotein. Nature Structural and Molecular Biology, 2019, 26, 1035-1043.	8.2	47
64	The Conserved CPH Domains of Cul7 and PARC Are Protein-Protein Interaction Modules That Bind the Tetramerization Domain of p53. Journal of Biological Chemistry, 2007, 282, 11300-11307.	3.4	45
65	MYC dephosphorylation by the PP1/PNUTS phosphatase complex regulates chromatin binding and protein stability. Nature Communications, 2018, 9, 3502.	12.8	43
66	Identifying gene locus associations with promyelocytic leukemia nuclear bodies using immuno-TRAP. Journal of Cell Biology, 2013, 201, 325-335.	5.2	42
67	MYC interaction with the tumor suppressive SWI/SNF complex member INI1 regulates transcription and cellular transformation. Cell Cycle, 2016, 15, 1693-1705.	2.6	37
68	The Role of Ligand Density and Size in Mediating Quantum Dot Nuclear Transport. Small, 2014, 10, 4182-4192.	10.0	35
69	MYC Phosphorylation at Novel Regulatory Regions Suppresses Transforming Activity. Cancer Research, 2013, 73, 6504-6515.	0.9	33
70	ChromNet: Learning the human chromatin network from all ENCODE ChIP-seq data. Genome Biology, 2016, 17, 82.	8.8	31
71	A pilot window-of-opportunity study of preoperative fluvastatin in localized prostate cancer. Prostate Cancer and Prostatic Diseases, 2020, 23, 630-637.	3.9	31
72	Optimization of experimental design parameters for high-throughput chromatin immunoprecipitation studies. Nucleic Acids Research, 2008, 36, e144-e144.	14.5	28

#	Article	IF	Citations
73	Promoter-binding and repression of PDGFRB by c-Myc are separable activities. Nucleic Acids Research, 2004, 32, 3462-3468.	14.5	25
74	Drugging the â€œUndruggableâ€•MYCN Oncogenic Transcription Factor: Overcoming Previous Obstacles to Impact Childhood Cancers. Cancer Research, 2021, 81, 1627-1632.	0.9	25
75	Mevalonate Pathway Inhibition Slows Breast Cancer Metastasis via Reduced N-glycosylation Abundance and Branching. Cancer Research, 2021, 81, 2625-2635.	0.9	24
76	Absence of Caspase-3 Protects Pancreatic Î²-Cells from c-Myc-induced Apoptosis without Leading to Tumor Formation. Journal of Biological Chemistry, 2009, 284, 10947-10956.	3.4	22
77	The role of INI1/hSNF5 in gene regulation and cancerThis 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, 163-177.	2.0	22
78	The mevalonate pathway is an actionable vulnerability of t(4;14)-positive multiple myeloma. Leukemia, 2021, 35, 796-808.	7.2	19
79	Identification of c-MYC SUMOylation by Mass Spectrometry. PLoS ONE, 2014, 9, e115337.	2.5	18
80	Targeting p130Cas- and microtubule-dependent MYC regulation sensitizes pancreatic cancer to ERK MAPK inhibition. Cell Reports, 2021, 35, 109291.	6.4	15
81	Modelling the MYC-driven normal-to-tumour switch in breast cancer. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	14
82	Rapid 3D phenotypic analysis of neurons and organoids using data-driven cell segmentation-free machine learning. PLoS Computational Biology, 2021, 17, e1008630.	3.2	14
83	Increased Sensitivity of Acute Myeloid Leukemias to Lovastatin-Induced Apoptosis: A Potential Therapeutic Approach. Blood, 1999, 93, 1308-1318.	1.4	14
84	Statins and prostate cancerâ€”hype or hope? The epidemiological perspective. Prostate Cancer and Prostatic Diseases, 2022, 25, 641-649.	3.9	14
85	Integrating RAS Status into Prognostic Signatures for Adenocarcinomas of the Lung. Clinical Cancer Research, 2015, 21, 1477-1486.	7.0	13
86	Cyclic AMPâ€hydrolyzing phosphodiesterase inhibitors potentiate statinâ€induced cancer cell death. Molecular Oncology, 2020, 14, 2533-2545.	4.6	13
87	The Suggested Unique Association Between the Various Statin Subgroups and Prostate Cancer. European Urology Focus, 2021, 7, 537-545.	3.1	12
88	More than MAX: Discovering the Myc interactome. Cell Cycle, 2011, 10, 374-375.	2.6	11
89	The MYC oncoprotein directly interacts with its chromatin cofactor PNUTS to recruit PP1 phosphatase. Nucleic Acids Research, 2022, 50, 3505-3522.	14.5	11
90	Novel Disulfides with Antitumour Efficacy and Specificity. Australian Journal of Chemistry, 2005, 58, 128.	0.9	10

#	Article	IF	Citations
91	Characterization of the apoptotic response of human leukemia cells to organosulfur compounds. BMC Cancer, 2010, 10, 351.	2.6	9
92	BioID data of c-MYC interacting protein partners in cultured cells and xenograft tumors. Data in Brief, 2014, 1, 76-78.	1.0	8
93	Targeting tumor cell metabolism via the mevalonate pathway: Two hits are better than one. Molecular and Cellular Oncology, 2014, 1, e969133.	0.7	7
94	AML Cells Have Altered Mitochondrial Biogenesis and Low Spare Reserve Capacity in Their Respiratory Chain That Renders Them Susceptible to Oxidative Metabolic Stress.. Blood, 2012, 120, 2581-2581.	1.4	7
95	Statins and prostate cancerâ€"hype or hope? The biological perspective. Prostate Cancer and Prostatic Diseases, 2022, 25, 650-656.	3.9	7
96	Guiding principles for a successful multidisciplinary research collaboration. Future Science OA, 2015, 1, FSO7.	1.9	6
97	Association between depression, glycaemic control and the prevalence of diabetic retinopathy in a diabetic population in Cameroon. South African Journal of Psychiatry, 2017, 23, 983.	0.4	6
98	The deleterious association between proton pump inhibitors and prostate cancer-specific mortality â€“ a population-based cohort study. Prostate Cancer and Prostatic Diseases, 2020, 23, 622-629.	3.9	6
99	Bimodal Gene Expression in Patients with Cancer Provides Interpretable Biomarkers for Drug Sensitivity. Cancer Research, 2022, 82, 2378-2387.	0.9	4
100	Bcl-2 and c-Myc co-operate in the Epsteinâ€Šâ€“â€ŠBarr virus-immortalized human B-cell line GM607 but do not confer tumorigenicity. Leukemia and Lymphoma, 2005, 46, 581-592.	1.3	3
101	Comparison of Machine Learning and Pattern Discovery Algorithms for the Prediction of Human Single Nucleotide Polymorphisms. , 2007, , .		3
102	Imageâ€Based Analysis of Protein Stability. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 363-377.	1.5	2
103	Identifying Myc Interactors. Methods in Molecular Biology, 2013, 1012, 51-64.	0.9	2
104	Advances in the Understanding of Apoptosis. Leukemia and Lymphoma, 1998, 30, 59-60.	1.3	1
105	Apoptosis and cancer. , 2005, , 75-95.		0
106	Comparison of Machine Learning and Pattern Discovery Algorithms for the Prediction of Human Single Nucleotide Polymorphisms. , 2007, , .		0
107	Identifying and Validating MYC:Protein Interactors in Pursuit of Novel Anti-MYC Therapies. Methods in Molecular Biology, 2021, 2318, 45-67.	0.9	0
108	Quantitative Prostate MRI Analysis Following Fluvastatin Therapy for Localized Prostate Cancer - A Pilot Study. Canadian Association of Radiologists Journal, 2021, 72, 750-758.	2.0	0

#	Article	IF	Citations
109	P2-036: Novel mechanism of collagen-tumor cell interaction by integrin alpha-11 expression by cancer associated fibroblasts in non-small cell lung cancer cells. Journal of Thoracic Oncology, 2007, 2, S496.	1.1	0
110	AML Cells Have Increased Mitochondrial Mass but Less Reserve in Their Respiratory Chain Complexes Leading to Heightened Sensitivity to Inhibition of Mitochondrial Protein Translation,. Blood, 2011, 118, 3585-3585.	1.4	0