

# Linda Z Penn

## List of Publications by Citations

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104  
papers

10,938  
citations

48  
h-index

104  
g-index

118  
ext. papers

12,099  
ext. citations

8.4  
avg, IF

5.92  
L-index

#	Paper	IF	Citations
104	Induction of apoptosis in fibroblasts by c-myc protein. <i>Cell</i> , <b>1992</b> , 69, 119-28	56.2	2734
103	Reflecting on 25 years with MYC. <i>Nature Reviews Cancer</i> , <b>2008</b> , 8, 976-90	31.3	1127
102	The c-Myc oncogene directly induces the H19 noncoding RNA by allele-specific binding to potentiate tumorigenesis. <i>Cancer Research</i> , <b>2006</b> , 66, 5330-7	10.1	384
101	The myc oncogene: Marvelously Complex. <i>Advances in Cancer Research</i> , <b>2002</b> , 84, 81-154	5.9	347
100	Bax forms multispinning monomers that oligomerize to permeabilize membranes during apoptosis. <i>EMBO Journal</i> , <b>2005</b> , 24, 2096-103	13	319
99	The molecular role of Myc in growth and transformation: recent discoveries lead to new insights. <i>FASEB Journal</i> , <b>1998</b> , 12, 633-651	0.9	307
98	The interplay between cell signalling and the mevalonate pathway in cancer. <i>Nature Reviews Cancer</i> , <b>2016</b> , 16, 718-731	31.3	274
97	Dysregulation of the mevalonate pathway promotes transformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 15051-6	11.5	264
96	Robust global micro-RNA profiling with formalin-fixed paraffin-embedded breast cancer tissues. <i>Laboratory Investigation</i> , <b>2009</b> , 89, 597-606	5.9	205
95	Three-gene prognostic classifier for early-stage non small-cell lung cancer. <i>Journal of Clinical Oncology</i> , <b>2007</b> , 25, 5562-9	2.2	195
94	Blocking the Raf/MEK/ERK pathway sensitizes acute myelogenous leukemia cells to lovastatin-induced apoptosis. <i>Cancer Research</i> , <b>2004</b> , 64, 6461-8	10.1	186
93	MYC Deregulation in Primary Human Cancers. <i>Genes</i> , <b>2017</b> , 8,	4.2	174
92	Increased Sensitivity of Acute Myeloid Leukemias to Lovastatin-Induced Apoptosis: A Potential Therapeutic Approach. <i>Blood</i> , <b>1999</b> , 93, 1308-1318	2.2	174
91	OCI-5/GPC3, a glypican encoded by a gene that is mutated in the Simpson-Golabi-Behmel overgrowth syndrome, induces apoptosis in a cell line-specific manner. <i>Journal of Cell Biology</i> , <b>1998</b> , 141, 1407-14	7.3	164
90	Prognostic gene signatures for non-small-cell lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 2824-8	11.5	159
89	Analysis of Myc bound loci identified by CpG island arrays shows that Max is essential for Myc-dependent repression. <i>Current Biology</i> , <b>2003</b> , 13, 882-6	6.3	156
88	Bcl-xL/Bcl-2 coordinately regulates apoptosis, cell cycle arrest and cell cycle entry. <i>EMBO Journal</i> , <b>2003</b> , 22, 5459-70	13	150

87	AML cells have low spare reserve capacity in their respiratory chain that renders them susceptible to oxidative metabolic stress. <i>Blood</i> , <b>2015</b> , 125, 2120-30	2.2	148
86	Cancer therapeutics: targeting the dark side of Myc. <i>European Journal of Cancer</i> , <b>2005</b> , 41, 2485-501	7.5	132
85	Myc represses the growth arrest gene gadd45. <i>Oncogene</i> , <b>1997</b> , 14, 2825-34	9.2	126
84	Myc potentiates apoptosis by stimulating Bax activity at the mitochondria. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 4725-36	4.8	119
83	Integrin alpha 11 regulates IGF2 expression in fibroblasts to enhance tumorigenicity of human non-small-cell lung cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 11754-9	11.5	115
82	Gene expression profiling in cervical cancer: an exploration of intratumor heterogeneity. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 5632-40	12.9	114
81	Receptor- and mitochondrial-mediated apoptosis in acute leukemia: a translational view. <i>Blood</i> , <b>2001</b> , 98, 3541-53	2.2	110
80	The Oscar-worthy role of Myc in apoptosis. <i>Seminars in Cancer Biology</i> , <b>2006</b> , 16, 275-87	12.7	108
79	Endoplasmic reticulum localized Bcl-2 prevents apoptosis when redistribution of cytochrome c is a late event. <i>Oncogene</i> , <b>2001</b> , 20, 1939-52	9.2	106
78	Lovastatin induces apoptosis of ovarian cancer cells and synergizes with doxorubicin: potential therapeutic relevance. <i>BMC Cancer</i> , <b>2010</b> , 10, 103	4.8	104
77	Identifying genes regulated in a Myc-dependent manner. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 36921-30	14.30	104
76	BioID identifies novel c-MYC interacting partners in cultured cells and xenograft tumors. <i>Journal of Proteomics</i> , <b>2015</b> , 118, 95-111	3.9	83
75	CpG Island microarray probe sequences derived from a physical library are representative of CpG Islands annotated on the human genome. <i>Nucleic Acids Research</i> , <b>2005</b> , 33, 2952-61	20.1	82
74	Myc and its interactors take shape. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2015</b> , 1849, 469-83	6	77
73	A structure-based model of the c-Myc/Bin1 protein interaction shows alternative splicing of Bin1 and c-Myc phosphorylation are key binding determinants. <i>Journal of Molecular Biology</i> , <b>2005</b> , 351, 182-94	6.5	77
72	Carcinoembryonic antigen, a human tumor marker, cooperates with Myc and Bcl-2 in cellular transformation. <i>Journal of Cell Biology</i> , <b>1997</b> , 137, 939-52	7.3	76
71	Transient structure and dynamics in the disordered c-Myc transactivation domain affect Bin1 binding. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 6353-66	20.1	75
70	Exploiting the mevalonate pathway to distinguish statin-sensitive multiple myeloma. <i>Blood</i> , <b>2010</b> , 115, 4787-97	2.2	71

69	Lovastatin induces a pronounced differentiation response in acute myeloid leukemias. <i>Leukemia and Lymphoma</i> , <b>2000</b> , 40, 167-78	1.9	71
68	Functional analysis of the N-terminal domain of the Myc oncoprotein. <i>Oncogene</i> , <b>2003</b> , 22, 1998-2010	9.2	69
67	Microarray and biochemical analysis of lovastatin-induced apoptosis of squamous cell carcinomas. <i>Neoplasia</i> , <b>2002</b> , 4, 337-46	6.4	69
66	Lysophosphatidic acid prevents apoptosis in fibroblasts via Gi-protein-mediated activation of mitogen-activated protein kinase. <i>Biochemical Journal</i> , <b>2000</b> , 352, 135-143	3.8	66
65	Identification of a novel c-Myc protein interactor, JPO2, with transforming activity in medulloblastoma cells. <i>Cancer Research</i> , <b>2005</b> , 65, 5607-19	10.1	64
64	Tumor cell kill by c-MYC depletion: role of MYC-regulated genes that control DNA double-strand break repair. <i>Cancer Research</i> , <b>2010</b> , 70, 8748-59	10.1	62
63	MYC Protein Interactome Profiling Reveals Functionally Distinct Regions that Cooperate to Drive Tumorigenesis. <i>Molecular Cell</i> , <b>2018</b> , 72, 836-848.e7	17.6	62
62	Bcl-2 targeted to the endoplasmic reticulum can inhibit apoptosis induced by Myc but not etoposide in Rat-1 fibroblasts. <i>Oncogene</i> , <b>1999</b> , 18, 3520-8	9.2	60
61	Determinants of sensitivity to lovastatin-induced apoptosis in multiple myeloma. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 1886-97	6.1	54
60	c-Myc represses the proximal promoters of GADD45a and GADD153 by a post-RNA polymerase II recruitment mechanism. <i>Oncogene</i> , <b>2004</b> , 23, 3481-6	9.2	52
59	MYC Interacts with the G9a Histone Methyltransferase to Drive Transcriptional Repression and Tumorigenesis. <i>Cancer Cell</i> , <b>2018</b> , 34, 579-595.e8	24.3	52
58	Role of Pirh2 in mediating the regulation of p53 and c-Myc. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002360	6	51
57	Myc is an essential negative regulator of platelet-derived growth factor beta receptor expression. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 6768-78	4.8	49
56	Myc: the beauty and the beast. <i>Genes and Cancer</i> , <b>2010</b> , 1, 532-41	2.9	47
55	Lovastatin induced control of blast cell growth in an elderly patient with acute myeloblastic leukemia. <i>Leukemia and Lymphoma</i> , <b>2001</b> , 40, 659-62	1.9	47
54	Inhibition of the sodium/potassium ATPase impairs N-glycan expression and function. <i>Cancer Research</i> , <b>2008</b> , 68, 6688-97	10.1	46
53	Involvement of Toso in activation of monocytes, macrophages, and granulocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 2593-8	11.5	45
52	CUL7 is a novel antiapoptotic oncogene. <i>Cancer Research</i> , <b>2007</b> , 67, 9616-22	10.1	45

51	Identifying molecular features that distinguish fluvastatin-sensitive breast tumor cells. <i>Breast Cancer Research and Treatment</i> , <b>2014</b> , 143, 301-12	4.4	43
50	Differential interactions between statins and P-glycoprotein: implications for exploiting statins as anticancer agents. <i>International Journal of Cancer</i> , <b>2010</b> , 127, 2936-48	7.5	43
49	Statins as Anticancer Agents in the Era of Precision Medicine. <i>Clinical Cancer Research</i> , <b>2020</b> , 26, 5791-5800	10.9	43
48	Immediate utility of two approved agents to target both the metabolic mevalonate pathway and its restorative feedback loop. <i>Cancer Research</i> , <b>2014</b> , 74, 4772-82	10.1	41
47	The conserved CPH domains of Cul7 and PARC are protein-protein interaction modules that bind the tetramerization domain of p53. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 11300-7	5.4	40
46	Identifying gene locus associations with promyelocytic leukemia nuclear bodies using immuno-TRAP. <i>Journal of Cell Biology</i> , <b>2013</b> , 201, 325-35	7.3	35
45	Lysophosphatidic acid prevents apoptosis in fibroblasts via Gi-protein-mediated activation of mitogen-activated protein kinase. <i>Biochemical Journal</i> , <b>2000</b> , 352, 135	3.8	35
44	Genome-wide RNAi analysis reveals that simultaneous inhibition of specific mevalonate pathway genes potentiates tumor cell death. <i>Oncotarget</i> , <b>2015</b> , 6, 26909-21	3.3	34
43	MYC interaction with the tumor suppressive SWI/SNF complex member INI1 regulates transcription and cellular transformation. <i>Cell Cycle</i> , <b>2016</b> , 15, 1693-705	4.7	29
42	Statin-Induced Cancer Cell Death Can Be Mechanistically Uncoupled from Prenylation of RAS Family Proteins. <i>Cancer Research</i> , <b>2018</b> , 78, 1347-1357	10.1	29
41	An actionable sterol-regulated feedback loop modulates statin sensitivity in prostate cancer. <i>Molecular Metabolism</i> , <b>2019</b> , 25, 119-130	8.8	28
40	Optimization of experimental design parameters for high-throughput chromatin immunoprecipitation studies. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, e144	20.1	26
39	ChromNet: Learning the human chromatin network from all ENCODE ChIP-seq data. <i>Genome Biology</i> , <b>2016</b> , 17, 82	18.3	26
38	Promoter-binding and repression of PDGFRB by c-Myc are separable activities. <i>Nucleic Acids Research</i> , <b>2004</b> , 32, 3462-8	20.1	25
37	MYC dephosphorylation by the PP1/PNUTS phosphatase complex regulates chromatin binding and protein stability. <i>Nature Communications</i> , <b>2018</b> , 9, 3502	17.4	23
36	MYC phosphorylation at novel regulatory regions suppresses transforming activity. <i>Cancer Research</i> , <b>2013</b> , 73, 6504-15	10.1	22
35	The role of INI1/hSNF5 in gene regulation and cancer. <i>Biochemistry and Cell Biology</i> , <b>2009</b> , 87, 163-77	3.6	22
34	Multiple direct interactions of TBP with the MYC oncoprotein. <i>Nature Structural and Molecular Biology</i> , <b>2019</b> , 26, 1035-1043	17.6	20

33	The role of ligand density and size in mediating quantum dot nuclear transport. <i>Small</i> , <b>2014</b> , 10, 4182-9211	19
32	A pilot window-of-opportunity study of preoperative fluvastatin in localized prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , <b>2020</b> , 23, 630-637	6.2 17
31	Absence of caspase-3 protects pancreatic {beta}-cells from c-Myc-induced apoptosis without leading to tumor formation. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 10947-56	5.4 17
30	MYC protein interactors in gene transcription and cancer. <i>Nature Reviews Cancer</i> , <b>2021</b> , 21, 579-591	31.3 17
29	Identification of c-MYC SUMOylation by mass spectrometry. <i>PLoS ONE</i> , <b>2014</b> , 9, e115337	3.7 16
28	Increased Sensitivity of Acute Myeloid Leukemias to Lovastatin-Induced Apoptosis: A Potential Therapeutic Approach. <i>Blood</i> , <b>1999</b> , 93, 1308-1318	2.2 14
27	Integrating RAS status into prognostic signatures for adenocarcinomas of the lung. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 1477-86	12.9 11
26	Novel Disulfides with Antitumour Efficacy and Specificity. <i>Australian Journal of Chemistry</i> , <b>2005</b> , 58, 128	1.2 10
25	Mevalonate Pathway Inhibition Slows Breast Cancer Metastasis via Reduced -glycosylation Abundance and Branching. <i>Cancer Research</i> , <b>2021</b> , 81, 2625-2635	10.1 9
24	BioID data of c-MYC interacting protein partners in cultured cells and xenograft tumors. <i>Data in Brief</i> , <b>2014</b> , 1, 76-8	1.2 8
23	Characterization of the apoptotic response of human leukemia cells to organosulfur compounds. <i>BMC Cancer</i> , <b>2010</b> , 10, 351	4.8 8
22	Modelling the MYC-driven normal-to-tumour switch in breast cancer. <i>DMM Disease Models and Mechanisms</i> , <b>2019</b> , 12,	4.1 8
21	Drugging the "Undruggable" MYCN Oncogenic Transcription Factor: Overcoming Previous Obstacles to Impact Childhood Cancers. <i>Cancer Research</i> , <b>2021</b> , 81, 1627-1632	10.1 7
20	Targeting tumor cell metabolism via the mevalonate pathway: Two hits are better than one. <i>Molecular and Cellular Oncology</i> , <b>2014</b> , 1, e969133	1.2 6
19	Cyclic AMP-hydrolyzing phosphodiesterase inhibitors potentiate statin-induced cancer cell death. <i>Molecular Oncology</i> , <b>2020</b> , 14, 2533-2545	7.9 6
18	The mevalonate pathway is an actionable vulnerability of t(4;14)-positive multiple myeloma. <i>Leukemia</i> , <b>2021</b> , 35, 796-808	10.7 6
17	The Suggested Unique Association Between the Various Statin Subgroups and Prostate Cancer. <i>European Urology Focus</i> , <b>2021</b> , 7, 537-545	5.1 5
16	Rapid 3D phenotypic analysis of neurons and organoids using data-driven cell segmentation-free machine learning. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1008630	5 4

15	Bcl-2 and c-Myc co-operate in the Epstein-Barr virus-immortalized human B-cell line GM607 but do not confer tumorigenicity. <i>Leukemia and Lymphoma</i> , <b>2005</b> , 46, 581-92	1.9	3
14	Association between depression, glycaemic control and the prevalence of diabetic retinopathy in a diabetic population in Cameroon. <i>South African Journal of Psychiatry</i> , <b>2017</b> , 23, 983	1	2
13	Comparison of Machine Learning and Pattern Discovery Algorithms for the Prediction of Human Single Nucleotide Polymorphisms <b>2007</b> ,		2
12	Identifying Myc interactors. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1012, 51-64	1.4	2
11	Targeting p130Cas- and microtubule-dependent MYC regulation sensitizes pancreatic cancer to ERK MAPK inhibition. <i>Cell Reports</i> , <b>2021</b> , 35, 109291	10.6	2
10	Advances in the Understanding of Apoptosis. <i>Leukemia and Lymphoma</i> , <b>1998</b> , 30, 59-60	1.9	1
9	The deleterious association between proton pump inhibitors and prostate cancer-specific mortality - a population-based cohort study. <i>Prostate Cancer and Prostatic Diseases</i> , <b>2020</b> , 23, 622-629	6.2	1
8	Image-Based Analysis of Protein Stability. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2020</b> , 97, 363-377	4.6	0
7	Regulation and Function of the MYC Oncogene <b>2019</b> , 1-13		
6	Apoptosis and cancer <b>2005</b> , 75-95		
5	Regulation and Function of the MYC Oncogene1-13		
4	AML Cells Have Increased Mitochondrial Mass but Less Reserve in Their Respiratory Chain Complexes Leading to Heightened Sensitivity to Inhibition of Mitochondrial Protein Translation,. <i>Blood</i> , <b>2011</b> , 118, 3585-3585	2.2	
3	AML Cells Have Altered Mitochondrial Biogenesis and Low Spare Reserve Capacity in Their Respiratory Chain That Renders Them Susceptible to Oxidative Metabolic Stress.. <i>Blood</i> , <b>2012</b> , 120, 2581-2581	2.2	
2	Identifying and Validating MYC:Protein Interactors in Pursuit of Novel Anti-MYC Therapies. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2318, 45-67	1.4	
1	Quantitative Prostate MRI Analysis Following Fluvastatin Therapy for Localized Prostate Cancer - A Pilot Study. <i>Canadian Association of Radiologists Journal</i> , <b>2021</b> , 72, 750-758	3.9	