

# Mitchell A Lazar

## List of Publications by Citations

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119  
papers

31,048  
citations

80  
h-index

121  
g-index

121  
ext. papers

33,384  
ext. citations

14.1  
avg, IF

7.14  
L-index

#	Paper	IF	Citations
119	The hormone resistin links obesity to diabetes. <i>Nature</i> , <b>2001</b> , 409, 307-12	50.4	3606
118	Cofactor dynamics and sufficiency in estrogen receptor-regulated transcription. <i>Cell</i> , <b>2000</b> , 103, 843-52	56.2	1472
117	Histone deacetylase is a direct target of valproic acid, a potent anticonvulsant, mood stabilizer, and teratogen. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 36734-41	5.4	1282
116	The many faces of PPARgamma. <i>Cell</i> , <b>2005</b> , 123, 993-9	56.2	1114
115	Fusion proteins of the retinoic acid receptor-alpha recruit histone deacetylase in promyelocytic leukaemia. <i>Nature</i> , <b>1998</b> , 391, 815-8	50.4	933
114	Forming functional fat: a growing understanding of adipocyte differentiation. <i>Nature Reviews Molecular Cell Biology</i> , <b>2011</b> , 12, 722-34	48.7	891
113	International Union of Pharmacology. LXI. Peroxisome proliferator-activated receptors. <i>Pharmacological Reviews</i> , <b>2006</b> , 58, 726-41	22.5	749
112	Resistin is an inflammatory marker of atherosclerosis in humans. <i>Circulation</i> , <b>2005</b> , 111, 932-9	16.7	711
111	New developments in adipogenesis. <i>Trends in Endocrinology and Metabolism</i> , <b>2009</b> , 20, 107-14	8.8	619
110	A novel therapy for colitis utilizing PPAR-gamma ligands to inhibit the epithelial inflammatory response. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 104, 383-9	15.9	602
109	Enzymatic activity associated with class II HDACs is dependent on a multiprotein complex containing HDAC3 and SMRT/N-CoR. <i>Molecular Cell</i> , <b>2002</b> , 9, 45-57	17.6	601
108	Regulation of fasted blood glucose by resistin. <i>Science</i> , <b>2004</b> , 303, 1195-8	33.3	583
107	PPARgamma and C/EBP factors orchestrate adipocyte biology via adjacent binding on a genome-wide scale. <i>Genes and Development</i> , <b>2008</b> , 22, 2941-52	12.6	582
106	The mechanism of action of thyroid hormones. <i>Annual Review of Physiology</i> , <b>2000</b> , 62, 439-66	23.1	552
105	Differential activation of peroxisome proliferator-activated receptors by eicosanoids. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 23975-83	5.4	548
104	The CoRNR motif controls the recruitment of corepressors by nuclear hormone receptors. <i>Nature</i> , <b>1999</b> , 402, 93-6	50.4	542
103	Mechanisms of obesity-associated insulin resistance: many choices on the menu. <i>Genes and Development</i> , <b>2007</b> , 21, 1443-55	12.6	500

102	The SMRT and N-CoR corepressors are activating cofactors for histone deacetylase 3. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 6091-101	4.8	476
101	Nuclear receptor Rev-erbalpha is a critical lithium-sensitive component of the circadian clock. <i>Science</i> , <b>2006</b> , 311, 1002-5	33.3	460
100	Mitochondrial remodeling in adipose tissue associated with obesity and treatment with rosiglitazone. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 1281-9	15.9	434
99	How obesity causes diabetes: not a tall tale. <i>Science</i> , <b>2005</b> , 307, 373-5	33.3	433
98	Aberrant recruitment of the nuclear receptor corepressor-histone deacetylase complex by the acute myeloid leukemia fusion partner ETO. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 7185-91	4.8	431
97	Transcriptional activation by peroxisome proliferator-activated receptor gamma is inhibited by phosphorylation at a consensus mitogen-activated protein kinase site. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 5128-32	5.4	419
96	HDAC3 is a critical negative regulator of long-term memory formation. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 764-74	6.6	386
95	Resistin and obesity-associated insulin resistance. <i>Trends in Endocrinology and Metabolism</i> , <b>2002</b> , 13, 18-23	386	
94	An inflammatory cascade leading to hyperresistinemia in humans. <i>PLoS Medicine</i> , <b>2004</b> , 1, e45	11.6	361
93	Regulation of the brown and white fat gene programs through a PRDM16/CtBP transcriptional complex. <i>Genes and Development</i> , <b>2008</b> , 22, 1397-409	12.6	340
92	Peroxisome proliferator-activated receptor gamma in diabetes and metabolism. <i>Trends in Pharmacological Sciences</i> , <b>2004</b> , 25, 331-6	13.2	340
91	PPARgamma and the global map of adipogenesis and beyond. <i>Trends in Endocrinology and Metabolism</i> , <b>2014</b> , 25, 293-302	8.8	338
90	A futile metabolic cycle activated in adipocytes by antidiabetic agents. <i>Nature Medicine</i> , <b>2002</b> , 8, 1122-8	50.5	317
89	Thiazolidinediones and the promise of insulin sensitization in type 2 diabetes. <i>Cell Metabolism</i> , <b>2014</b> , 20, 573-91	24.6	313
88	Interdomain communication regulating ligand binding by PPAR-gamma. <i>Nature</i> , <b>1998</b> , 396, 377-80	50.4	304
87	The current biology of resistin. <i>Journal of Internal Medicine</i> , <b>2004</b> , 255, 439-47	10.8	302
86	Regeneration of fat cells from myofibroblasts during wound healing. <i>Science</i> , <b>2017</b> , 355, 748-752	33.3	277
85	Transcriptional control of adipogenesis. <i>Annual Review of Nutrition</i> , <b>2000</b> , 20, 535-59	9.9	265

84	A core SMRT corepressor complex containing HDAC3 and TBL1, a WD40-repeat protein linked to deafness. <i>Genes and Development</i> , <b>2000</b> , 14, 1048-1057	12.6	263
83	Oligomerization of RAR and AML1 transcription factors as a novel mechanism of oncogenic activation. <i>Molecular Cell</i> , <b>2000</b> , 5, 811-20	17.6	256
82	Transcriptional repression by nuclear hormone receptors. <i>Trends in Endocrinology and Metabolism</i> , <b>2000</b> , 11, 6-10	8.8	242
81	Nuclear receptor corepressors partner with class II histone deacetylases in a Sin3-independent repression pathway. <i>Genes and Development</i> , <b>2000</b> , 14, 45-54	12.6	237
80	Prostaglandins promote and block adipogenesis through opposing effects on peroxisome proliferator-activated receptor gamma. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 1855-8	5.4	234
79	Corepressors selectively control the transcriptional activity of PPARgamma in adipocytes. <i>Genes and Development</i> , <b>2005</b> , 19, 453-61	12.6	233
78	Adipokines and the peripheral and neural control of energy balance. <i>Molecular Endocrinology</i> , <b>2008</b> , 22, 1023-31		222
77	Activation of SOCS-3 by resistin. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 1569-75	4.8	218
76	Peroxisome proliferator activated receptor gamma, CCAAT/enhancer-binding protein alpha, and cell cycle status regulate the commitment to adipocyte differentiation. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 21473-8	5.4	216
75	Human resistin: found in translation from mouse to man. <i>Trends in Endocrinology and Metabolism</i> , <b>2011</b> , 22, 259-65	8.8	195
74	Propagation of adipogenic signals through an epigenomic transition state. <i>Genes and Development</i> , <b>2010</b> , 24, 1035-44	12.6	193
73	Genetic modulation of PPARgamma phosphorylation regulates insulin sensitivity. <i>Developmental Cell</i> , <b>2003</b> , 5, 657-63	10.2	176
72	The DRIP complex and SRC-1/p160 coactivators share similar nuclear receptor binding determinants but constitute functionally distinct complexes. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 2718-26	4.8	176
71	Cell-specific determinants of peroxisome proliferator-activated receptor gamma function in adipocytes and macrophages. <i>Molecular and Cellular Biology</i> , <b>2010</b> , 30, 2078-89	4.8	173
70	The N-CoR/histone deacetylase 3 complex is required for repression by thyroid hormone receptor. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 5122-31	4.8	171
69	Abnormal glucose homeostasis due to chronic hyperresistinemia. <i>Diabetes</i> , <b>2004</b> , 53, 1937-41	0.9	170
68	Lipoatrophy and severe metabolic disturbance in mice with fat-specific deletion of PPAR $\alpha$ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 18656-61	11.5	168
67	Deacetylase-independent function of HDAC3 in transcription and metabolism requires nuclear receptor corepressor. <i>Molecular Cell</i> , <b>2013</b> , 52, 769-82	17.6	168

66	Adenylyl cyclase-associated protein 1 is a receptor for human resistin and mediates inflammatory actions of human monocytes. <i>Cell Metabolism</i> , <b>2014</b> , 19, 484-97	24.6	167
65	Histone deacetylase 3 coordinates commensal-bacteria-dependent intestinal homeostasis. <i>Nature</i> , <b>2013</b> , 504, 153-7	50.4	154
64	Histone deacetylase 4 interacts with 53BP1 to mediate the DNA damage response. <i>Journal of Cell Biology</i> , <b>2003</b> , 160, 1017-27	7.3	154
63	An open-label trial of the PPAR-gamma ligand rosiglitazone for active ulcerative colitis. <i>American Journal of Gastroenterology</i> , <b>2001</b> , 96, 3323-8	0.7	153
62	A potent antidiabetic thiazolidinedione with unique peroxisome proliferator-activated receptor gamma-activating properties. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 32679-84	5.4	151
61	Inhibition of cellular proliferation through IkappaB kinase-independent and peroxisome proliferator-activated receptor gamma-dependent repression of cyclin D1. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 3057-70	4.8	149
60	Macrophage-derived human resistin exacerbates adipose tissue inflammation and insulin resistance in mice. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 531-9	15.9	143
59	PPARgamma regulates adipocyte cholesterol metabolism via oxidized LDL receptor 1. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 2244-56	15.9	133
58	Nuclear receptor co-repressors are required for the histone-deacetylase activity of HDAC3 in vivo. <i>Nature Structural and Molecular Biology</i> , <b>2013</b> , 20, 182-7	17.6	131
57	Loss of resistin improves glucose homeostasis in leptin deficiency. <i>Diabetes</i> , <b>2006</b> , 55, 3083-90	0.9	130
56	Structural elements of an orphan nuclear receptor-DNA complex. <i>Molecular Cell</i> , <b>1998</b> , 1, 849-61	17.6	126
55	Endogenous ligands for nuclear receptors: digging deeper. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 40409-15	5.4	123
54	Identification and characterization of a selective peroxisome proliferator-activated receptor beta/delta (NR1C2) antagonist. <i>Molecular Endocrinology</i> , <b>2008</b> , 22, 523-9		123
53	PPAR gamma, 10 years later. <i>Biochimie</i> , <b>2005</b> , 87, 9-13	4.6	122
52	Determinants of CoRNR-dependent repression complex assembly on nuclear hormone receptors. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 1747-58	4.8	117
51	Bacterial colonization leads to the colonic secretion of RELMbeta/FIZZ2, a novel goblet cell-specific protein. <i>Gastroenterology</i> , <b>2003</b> , 125, 1388-97	13.3	115
50	Mechanisms regulating adipocyte expression of resistin. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 19754-61	5.4	111
49	Coactivators and corepressors of NF-kappaB in IkappaB alpha gene promoter. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 21091-8	5.4	108

48	Resistin: molecular history and prognosis. <i>Journal of Molecular Medicine</i> , <b>2003</b> , 81, 218-26	5.5	102
47	Assembly of the SMRT-histone deacetylase 3 repression complex requires the TCP-1 ring complex. <i>Genes and Development</i> , <b>2002</b> , 16, 3130-5	12.6	99
46	Oligomerization of ETO is obligatory for corepressor interaction. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 156-63	4.8	97
45	Bifunctional role of Rev-erbalpha in adipocyte differentiation. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 2213-20	4.8	95
44	Dimerization of resistin and resistin-like molecules is determined by a single cysteine. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 25970-3	5.4	93
43	Thiazolidinedione activation of peroxisome proliferator-activated receptor gamma can enhance mitochondrial potential and promote cell survival. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 31781-8	5.4	92
42	Circadian metabolism in the light of evolution. <i>Endocrine Reviews</i> , <b>2015</b> , 36, 289-304	27.2	85
41	Absence of bacterially induced RELMbeta reduces injury in the dextran sodium sulfate model of colitis. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 2914-23	15.9	81
40	Mouse and human resistins impair glucose transport in primary mouse cardiomyocytes, and oligomerization is required for this biological action. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 31679-85	5.4	76
39	Structural insights into the interaction and activation of histone deacetylase 3 by nuclear receptor corepressors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 6009-14	11.5	76
38	Anti-diabetic rosiglitazone remodels the adipocyte transcriptome by redistributing transcription to PPAR-driven enhancers. <i>Genes and Development</i> , <b>2014</b> , 28, 1018-28	12.6	73
37	The histone-binding code of nuclear receptor co-repressors matches the substrate specificity of histone deacetylase 3. <i>EMBO Reports</i> , <b>2005</b> , 6, 445-51	6.5	72
36	Central resistin induces hepatic insulin resistance via neuropeptide Y. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 12924-32	6.6	70
35	A novel adipose-specific gene deletion model demonstrates potential pitfalls of existing methods. <i>Molecular Endocrinology</i> , <b>2013</b> , 27, 127-34		68
34	Nuclear receptor corepressors. <i>Nuclear Receptor Signaling</i> , <b>2003</b> , 1, e001	1	68
33	The orphan nuclear receptors at their 25-year reunion. <i>Journal of Molecular Endocrinology</i> , <b>2013</b> , 51, T115-40	4.0	66
32	Mechanisms by which Thiazolidinediones Enhance Insulin Action. <i>Trends in Endocrinology and Metabolism</i> , <b>1999</b> , 10, 9-13	8.8	65
31	Retinol saturase promotes adipogenesis and is downregulated in obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 1105-10	11.5	64

30	Dissociation of muscle insulin sensitivity from exercise endurance in mice by HDAC3 depletion. <i>Nature Medicine</i> , <b>2017</b> , 23, 223-234	50.5	62
29	Differential gene regulation by PPARgamma agonist and constitutively active PPARgamma2. <i>Molecular Endocrinology</i> , <b>2002</b> , 16, 1040-8		62
28	Adipocyte-specific expression of murine resistin is mediated by synergism between peroxisome proliferator-activated receptor gamma and CCAAT/enhancer-binding proteins. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 6116-25	5.4	61
27	Re-expression of GATA2 cooperates with peroxisome proliferator-activated receptor-gamma depletion to revert the adipocyte phenotype. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 9458-64	5.4	52
26	The coiled-coil domain is the structural determinant for mammalian homologues of Drosophila Sina-mediated degradation of promyelocytic leukemia protein and other tripartite motif proteins by the proteasome. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 5374-9	5.4	49
25	Species-specific strategies underlying conserved functions of metabolic transcription factors. <i>Molecular Endocrinology</i> , <b>2011</b> , 25, 694-706		48
24	Resistin levels in human immunodeficiency virus-infected patients with lipodystrophy decrease in response to rosiglitazone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 3423-6	5.6	45
23	Inflammatory induction of human resistin causes insulin resistance in endotoxemic mice. <i>Diabetes</i> , <b>2011</b> , 60, 775-83	0.9	44
22	Resistin levels in lupus and associations with disease-specific measures, insulin resistance, and coronary calcification. <i>Journal of Rheumatology</i> , <b>2011</b> , 38, 2369-75	4.1	39
21	Human resistin protects against endotoxic shock by blocking LPS-TLR4 interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E10399-E10408	11.5	38
20	Macrophage-derived human resistin is induced in multiple helminth infections and promotes inflammatory monocytes and increased parasite burden. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004579	7.6	35
19	Endoplasmic reticulum stress regulates adipocyte resistin expression. <i>Diabetes</i> , <b>2009</b> , 58, 1879-86	0.9	35
18	A widely used retinoic acid receptor antagonist induces peroxisome proliferator-activated receptor-gamma activity. <i>Molecular Pharmacology</i> , <b>2007</b> , 71, 1251-7	4.3	35
17	The nuclear receptor corepressor deacetylase activating domain is essential for repression by thyroid hormone receptor. <i>Molecular Endocrinology</i> , <b>2005</b> , 19, 1443-51		35
16	The dawn of the SPPARMs?. <i>Science Signaling</i> , <b>2002</b> , 2002, pe9	8.8	35
15	Repressor transcription factor 7-like 1 promotes adipogenic competency in precursor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 16271-6	11.5	33
14	ATF4 licenses C/EBPbeta activity in human mesenchymal stem cells primed for adipogenesis. <i>ELife</i> , <b>2015</b> , 4, e06821	8.9	31
13	Developmental biology. How now, brown fat?. <i>Science</i> , <b>2008</b> , 321, 1048-9	33.3	31

12	Targeting PPAR $\alpha$ in the epigenome rescues genetic metabolic defects in mice. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 1451-1462	15.9	31
11	The Nuclear Receptor Rev-erb $\beta$ Regulates Adipose Tissue-specific FGF21 Signaling. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 10867-75	5.4	23
10	The corepressor silencing mediator for retinoid and thyroid hormone receptor facilitates cellular recovery from DNA double-strand breaks. <i>Cancer Research</i> , <b>2006</b> , 66, 9316-22	10.1	22
9	Toxicity of overexpressed MeCP2 is independent of HDAC3 activity. <i>Genes and Development</i> , <b>2018</b> , 32, 1514-1524	12.6	16
8	Human resistin in chemotherapy-induced heart failure in humanized male mice and in women treated for breast cancer. <i>Endocrinology</i> , <b>2013</b> , 154, 4206-14	4.8	11
7	Biochemical isolation and analysis of a nuclear receptor corepressor complex. <i>Methods in Enzymology</i> , <b>2003</b> , 364, 246-57	1.7	8
6	Nuclear receptors and transcriptional regulation in non-alcoholic fatty liver disease. <i>Molecular Metabolism</i> , <b>2021</b> , 50, 101119	8.8	8
5	Fingered for a fat fate. <i>Cell Metabolism</i> , <b>2010</b> , 11, 244-5	24.6	4
4	Principles of Hormone Action <b>2016</b> , 18-48		3
3	Double SET point: G9a makes its mark in adipogenesis. <i>EMBO Journal</i> , <b>2013</b> , 32, 4-6	13	2
2	Monomeric Nuclear Receptors <b>1998</b> , 261-279		1
1	Mechanism of Action of Hormones That Act on Nuclear Receptors <b>2011</b> , 51-61		