

# Evan D Rosen

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

20,449  
citations

47006

47  
h-index

102487

66  
g-index

72  
all docs

72  
docs citations

72  
times ranked

25975  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crosstalk Between Adipose and Lymphatics in Health and Disease. <i>Endocrinology</i> , 2022, 163, .	2.8	6
2	A single-cell atlas of human and mouse white adipose tissue. <i>Nature</i> , 2022, 603, 926-933.	27.8	277
3	Hepatic IRF3 fuels dysglycemia in obesity through direct regulation of <i>Ppp2r1b</i> . <i>Science Translational Medicine</i> , 2022, 14, eabh3831.	12.4	11
4	IRF3 reduces adipose thermogenesis via ISG15-mediated reprogramming of glycolysis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	43
5	Mesothelial cells are not a source of adipocytes in mice. <i>Cell Reports</i> , 2021, 36, 109388.	6.4	22
6	Neurotensin is an anti-thermogenic peptide produced by lymphatic endothelial cells. <i>Cell Metabolism</i> , 2021, 33, 1449-1465.e6.	16.2	38
7	Isthmin-1 is an adipokine that promotes glucose uptake and improves glucose tolerance and hepatic steatosis. <i>Cell Metabolism</i> , 2021, 33, 1836-1852.e11.	16.2	56
8	Adipocytes fail to maintain cellular identity during obesity due to reduced PPAR $\beta$ activity and elevated TGF $\beta$ 2-SMAD signaling. <i>Molecular Metabolism</i> , 2020, 42, 101086.	6.5	16
9	Insulin-sensitizing effects of vitamin D repletion mediated by adipocyte vitamin D receptor: Studies in humans and mice. <i>Molecular Metabolism</i> , 2020, 42, 101095.	6.5	16
10	4261 Insulin Sensitizing Effects of Vitamin D Mediated through Reduced Adipose Tissue Inflammation and Fibrosis: Evidence from a Human Randomized Trial and Mice Studies. <i>Journal of Clinical and Translational Science</i> , 2020, 4, 97-98.	0.6	0
11	Discovering metabolic disease gene interactions by correlated effects on cellular morphology. <i>Molecular Metabolism</i> , 2019, 24, 108-119.	6.5	13
12	Ablation of adipocyte creatine transport impairs thermogenesis and causes diet-induced obesity. <i>Nature Metabolism</i> , 2019, 1, 360-370.	11.9	103
13	The Synergy between Palmitate and TNF- $\alpha$ for CCL2 Production Is Dependent on the TRIF/IRF3 Pathway: Implications for Metabolic Inflammation. <i>Journal of Immunology</i> , 2018, 200, 3599-3611.	0.8	64
14	Warming Induces Significant Reprogramming of Beige, but Not Brown, Adipocyte Cellular Identity. <i>Cell Metabolism</i> , 2018, 27, 1121-1137.e5.	16.2	168
15	Epigenetics and Epigenomics: Implications for Diabetes and Obesity. <i>Diabetes</i> , 2018, 67, 1923-1931.	0.6	116
16	Brown Adipose Tissue Controls Skeletal Muscle Function via the Secretion of Myostatin. <i>Cell Metabolism</i> , 2018, 28, 631-643.e3.	16.2	147
17	A molecular census of arcuate hypothalamus and median eminence cell types. <i>Nature Neuroscience</i> , 2017, 20, 484-496.	14.8	635
18	UCP1 deficiency causes brown fat respiratory chain depletion and sensitizes mitochondria to calcium overload-induced dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7981-7986.	7.1	136

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19	Simultaneous Transcriptional and Epigenomic Profiling from Specific Cell Types within Heterogeneous Tissues In Vivo. <i>Cell Reports</i> , 2017, 18, 1048-1061.	6.4	117
20	Genetic Depletion of Adipocyte Creatine Metabolism Inhibits Diet-Induced Thermogenesis and Drives Obesity. <i>Cell Metabolism</i> , 2017, 26, 660-671.e3.	16.2	187
21	Adipocyte glucocorticoid receptor is important in lipolysis and insulin resistance due to exogenous steroids, but not insulin resistance caused by high fat feeding. <i>Molecular Metabolism</i> , 2017, 6, 1150-1160.	6.5	55
22	Dnmt3a is an epigenetic mediator of adipose insulin resistance. <i>ELife</i> , 2017, 6, .	6.0	97
23	Imaging mass spectrometry demonstrates age-related decline in human adipose plasticity. <i>JCI Insight</i> , 2017, 2, e90349.	5.0	66
24	Prospective functional classification of all possible missense variants in PPARC. <i>Nature Genetics</i> , 2016, 48, 1570-1575.	21.4	210
25	Epigenomic and transcriptional control of insulin resistance. <i>Journal of Internal Medicine</i> , 2016, 280, 443-456.	6.0	24
26	Nuclear Mechanisms of Insulin Resistance. <i>Trends in Cell Biology</i> , 2016, 26, 341-351.	7.9	60
27	IRF3 promotes adipose inflammation and insulin resistance and represses browning. <i>Journal of Clinical Investigation</i> , 2016, 126, 2839-2854.	8.2	134
28	Two paths to fat. <i>Nature Cell Biology</i> , 2015, 17, 360-361.	10.3	10
29	Making Biological Sense of GWAS Data: Lessons from the FTO Locus. <i>Cell Metabolism</i> , 2015, 22, 538-539.	16.2	25
30	Identification of nuclear hormone receptor pathways causing insulin resistance by transcriptional and epigenomic analysis. <i>Nature Cell Biology</i> , 2015, 17, 44-56.	10.3	61
31	Characterization of Cre recombinase models for the study of adipose tissue. <i>Adipocyte</i> , 2014, 3, 206-211.	2.8	178
32	Rare variants in <i>PPARG</i> with decreased activity in adipocyte differentiation are associated with increased risk of type 2 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13127-13132.	7.1	152
33	A Smooth Muscle-Like Origin for Beige Adipocytes. <i>Cell Metabolism</i> , 2014, 19, 810-820.	16.2	373
34	Adipocyte-Specific Transgenic and Knockout Models. <i>Methods in Enzymology</i> , 2014, 537, 1-16.	1.0	33
35	What We Talk About When We Talk About Fat. <i>Cell</i> , 2014, 156, 20-44.	28.9	1,789
36	IRF4 Is a Key Thermogenic Transcriptional Partner of PGC-1 $\beta$ . <i>Cell</i> , 2014, 158, 69-83.	28.9	239

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37	Interferon Regulatory Factor 4 Regulates Obesity-Induced Inflammation Through Regulation of Adipose Tissue Macrophage Polarization. <i>Diabetes</i> , 2013, 62, 3394-3403.	0.6	100
38	Early B-cell Factor-1 (EBF1) Is a Key Regulator of Metabolic and Inflammatory Signaling Pathways in Mature Adipocytes. <i>Journal of Biological Chemistry</i> , 2013, 288, 35925-35939.	3.4	41
39	Lessons on Conditional Gene Targeting in Mouse Adipose Tissue. <i>Diabetes</i> , 2013, 62, 864-874.	0.6	281
40	Coordinated transcriptional regulation of bone homeostasis by Ebf1 and Zfp521 in both mesenchymal and hematopoietic lineages. <i>Journal of Experimental Medicine</i> , 2013, 210, 969-985.	8.5	40
41	Regulation of Early Adipose Commitment by Zfp521. <i>PLoS Biology</i> , 2012, 10, e1001433.	5.6	114
42	New insights into adipocyte-specific leptin gene expression. <i>Adipocyte</i> , 2012, 1, 168-172.	2.8	32
43	FOSL2 promotes leptin gene expression in human and mouse adipocytes. <i>Journal of Clinical Investigation</i> , 2012, 122, 1010-1021.	8.2	67
44	Transcriptional Control of Adipose Lipid Handling by IRF4. <i>Cell Metabolism</i> , 2011, 13, 249-259.	16.2	508
45	A minor role for lipocalin 2 in high-fat diet-induced glucose intolerance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E825-E835.	3.5	52
46	Epigenetic Approaches to Adipose Biology. <i>Research and Perspectives in Endocrine Interactions</i> , 2010, , 101-110.	0.2	0
47	Comparative Epigenomic Analysis of Murine and Human Adipogenesis. <i>Cell</i> , 2010, 143, 156-169.	28.9	460
48	Transcriptional targets in adipocyte biology. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 975-986.	3.4	49
49	Interferon Regulatory Factors Are Transcriptional Regulators of Adipogenesis. <i>Cell Metabolism</i> , 2008, 7, 86-94.	16.2	122
50	The orphan nuclear receptor chicken ovalbumin upstream promoter-transcription factor II is a critical regulator of adipogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2421-2426.	7.1	101
51	The Adipokine Lipocalin 2 Is Regulated by Obesity and Promotes Insulin Resistance. <i>Diabetes</i> , 2007, 56, 2533-2540.	0.6	387
52	Critical Role for Ebf1 and Ebf2 in the Adipogenic Transcriptional Cascade. <i>Molecular and Cellular Biology</i> , 2007, 27, 743-757.	2.3	183
53	New drugs from fat bugs?. <i>Cell Metabolism</i> , 2006, 3, 1-2.	16.2	11
54	Adipocyte differentiation from the inside out. <i>Nature Reviews Molecular Cell Biology</i> , 2006, 7, 885-896.	37.0	2,163

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55	Reactive oxygen species have a causal role in multiple forms of insulin resistance. <i>Nature</i> , 2006, 440, 944-948.	27.8	2,159
56	Adipocytes as regulators of energy balance and glucose homeostasis. <i>Nature</i> , 2006, 444, 847-853.	27.8	1,810
57	Mutational analysis of <i>PPARG</i> as a candidate tumour suppressor gene in enteropancreatic endocrine tumours. <i>Clinical Endocrinology</i> , 2005, 62, 603-606.	2.4	4
58	The transcriptional basis of adipocyte development. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 73, 31-34.	2.2	265
59	Energy Balance: A New Role for PPAR $\alpha$ . <i>Current Biology</i> , 2003, 13, R961-R963.	3.9	13
60	Targeted Elimination of Peroxisome Proliferator-Activated Receptor $\delta$ in $\beta$ Cells Leads to Abnormalities in Islet Mass without Compromising Glucose Homeostasis. <i>Molecular and Cellular Biology</i> , 2003, 23, 7222-7229.	2.3	141
61	Muscle-specific PPAR $\delta$ -deficient mice develop increased adiposity and insulin resistance but respond to thiazolidinediones. <i>Journal of Clinical Investigation</i> , 2003, 112, 608-618.	8.2	366
62	Genetic Analysis of Adipogenesis through Peroxisome Proliferator-activated Receptor $\delta$ Isoforms. <i>Journal of Biological Chemistry</i> , 2002, 277, 41925-41930.	3.4	220
63	C/EBP $\alpha$ induces adipogenesis through PPAR $\delta$ : a unified pathway. <i>Genes and Development</i> , 2002, 16, 22-26.	5.9	1,207
64	The Molecular Control of Adipogenesis, with Special Reference to Lymphatic Pathology. <i>Annals of the New York Academy of Sciences</i> , 2002, 979, 143-158.	3.8	70
65	PPAR $\delta$ : a Nuclear Regulator of Metabolism, Differentiation, and Cell Growth. <i>Journal of Biological Chemistry</i> , 2001, 276, 37731-37734.	3.4	1,034
66	PPAR $\delta$ Is Required for the Differentiation of Adipose Tissue In Vivo and In Vitro. <i>Molecular Cell</i> , 1999, 4, 611-617.	9.7	1,804
67	Cross-Regulation of C/EBP $\alpha$ and PPAR $\delta$ Controls the Transcriptional Pathway of Adipogenesis and Insulin Sensitivity. <i>Molecular Cell</i> , 1999, 3, 151-158.	9.7	908