Jerrold M Olefsky

List of Publications by Year
in descending order

161 papers	44,295 citations	3334 — 91 h-index	6300 — 158 g-index
161 all docs	161 docs citations	161 times ranked	46511 citing authors

#	Article	IF	Citations
1	Macrophages, Inflammation, and Insulin Resistance. Annual Review of Physiology, 2010, 72, 219-246.	13.1	2,279
2	GPR120 Is an Omega-3 Fatty Acid Receptor Mediating Potent Anti-inflammatory and Insulin-Sensitizing Effects. Cell, 2010, 142, 687-698.	28.9	2,013
3	IKK-Î² links inflammation to obesity-induced insulin resistance. Nature Medicine, 2005, 11, 191-198.	30.7	1,591
4	Small molecule activators of SIRT1 as therapeutics for the treatment of type 2 diabetes. Nature, 2007, 450, 712-716.	27.8	1,565
5	The cellular and signaling networks linking the immune system and metabolism in disease. Nature Medicine, 2012, 18, 363-374.	30.7	1,321
6	Inflammatory mechanisms linking obesity and metabolic disease. Journal of Clinical Investigation, 2017, 127, 1-4.	8.2	1,321
7	Complex Distribution, Not Absolute Amount of Adiponectin, Correlates with Thiazolidinedione-mediated Improvement in Insulin Sensitivity. Journal of Biological Chemistry, 2004, 279, 12152-12162.	3.4	1,018
8	Insulin sensitivity: modulation by nutrients and inflammation. Journal of Clinical Investigation, 2008, 118, 2992-3002.	8.2	980
9	Improvement in Glucose Tolerance and Insulin Resistance in Obese Subjects Treated with Troglitazone. New England Journal of Medicine, 1994, 331, 1188-1193.	27.0	887
10	Adipose-specific peroxisome proliferator-activated receptor Î³ knockout causes insulin resistance in fat and liver but not in muscle. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15712-15717.	7.1	877
11	Adipose Tissue Macrophage-Derived Exosomal miRNAs Can Modulate InÂVivo and InÂVitro Insulin Sensitivity. Cell, 2017, 171, 372-384.e12.	28.9	858
12	Inflammation and insulin resistance. FEBS Letters, 2008, 582, 97-105.	2.8	857
13	A Subpopulation of Macrophages Infiltrates Hypertrophic Adipose Tissue and Is Activated by Free Fatty Acids via Toll-like Receptors 2 and 4 and JNK-dependent Pathways. Journal of Biological Chemistry, 2007, 282, 35279-35292.	3.4	840
14	Neutrophils mediate insulin resistance in mice fed a high-fat diet through secreted elastase. Nature Medicine, 2012, 18, 1407-1412.	30.7	751
15	Ablation of CD11c-Positive Cells Normalizes Insulin Sensitivity in Obese Insulin Resistant Animals. Cell Metabolism, 2008, 8, 301-309.	16.2	708
16	Inflammation and Lipid Signaling in the Etiology of Insulin Resistance. Cell Metabolism, 2012, 15, 635-645.	16.2	689
17	The Effect of Thiazolidinediones on Plasma Adiponectin Levels in Normal, Obese, and Type 2 Diabetic Subjects. Diabetes, 2002, 51, 2968-2974.	0.6	671
18	Macrophages, Immunity, and Metabolic Disease. Immunity, 2014, 41, 36-48.	14.3	606

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19	Intestinal FXR agonism promotes adipose tissue browning and reduces obesity and insulin resistance. Nature Medicine, 2015, 21, 159-165.	30.7	562
20	Effects of peroxisome proliferator-activated receptor Â on placentation, adiposity, and colorectal cancer. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 303-308.	7.1	548
21	The Origins and Drivers of Insulin Resistance. Cell, 2013, 152, 673-684.	28.9	522
22	Reappraisal of the role of insulin in hypertriglyceridemia. American Journal of Medicine, 1974, 57, 551-560.	1.5	510
23	Phosphoinositide signalling links O-GlcNAc transferase to insulin resistance. Nature, 2008, 451, 964-969.	27.8	508
24	Mechanisms of Insulin Resistance in Aging. Journal of Clinical Investigation, 1983, 71, 1523-1535.	8.2	503
25	Regulation of metabolism by the innate immune system. Nature Reviews Endocrinology, 2016, 12, 15-28.	9.6	502
26	PGC-1 promotes insulin resistance in liver through PPAR-Î±-dependent induction of TRB-3. Nature Medicine, 2004, 10, 530-534.	30.7	499
27	Inflammation in obesity, diabetes, and related disorders. Immunity, 2022, 55, 31-55.	14.3	489
28	Reduced-Median-Network Analysis of Complete Mitochondrial DNA Coding-Region Sequences for the Major African, Asian, and European Haplogroups. American Journal of Human Genetics, 2002, 70, 1152-1171.	6.2	482
29	Treatment of insulin resistance with peroxisome proliferatorâ€“activated receptor Î³ agonists. Journal of Clinical Investigation, 2000, 106, 467-472.	8.2	481
30	A fasting inducible switch modulates gluconeogenesis via activator/coactivator exchange. Nature, 2008, 456, 269-273.	27.8	481
31	Effects of Weight Reduction on Obesity STUDIES OF LIPID AND CARBOHYDRATE METABOLISM IN NORMAL AND HYPERLIPOPROTEINEMIC SUBJECTS. Journal of Clinical Investigation, 1974, 53, 64-76.	8.2	474
32	JNK1 in Hematopoietically Derived Cells Contributes to Diet-Induced Inflammation and Insulin Resistance without Affecting Obesity. Cell Metabolism, 2007, 6, 386-397.	16.2	460
33	Muscle-specific Pparg deletion causes insulin resistance. Nature Medicine, 2003, 9, 1491-1497.	30.7	454
34	Inflammation Is Necessary for Long-Term but Not Short-Term High-Fat Dietâ€“Induced Insulin Resistance. Diabetes, 2011, 60, 2474-2483.	0.6	452
35	PPARÂ regulates glucose metabolism and insulin sensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3444-3449.	7.1	451
36	Increased Adipocyte O2 Consumption Triggers HIF-1Î±, Causing Inflammation and Insulin Resistance in Obesity. Cell, 2014, 157, 1339-1352.	28.9	443

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37	Macrophage PPARÎ³ is required for normal skeletal muscle and hepatic insulin sensitivity and full antidiabetic effects of thiazolidinediones. Journal of Clinical Investigation, 2007, 117, 1658-1669.	8.2	413
38	A Rapamycin-Sensitive Pathway Down-Regulates Insulin Signaling via Phosphorylation and Proteasomal Degradation of Insulin Receptor Substrate-1. Molecular Endocrinology, 2000, 14, 783-794.	3.7	402
39	Nonketotic diabetes mellitus: Insulin deficiency or insulin resistance?. American Journal of Medicine, 1976, 60, 80-88.	1.5	401
40	Protein-tyrosine Phosphatase 1B Is a Negative Regulator of Insulin- and Insulin-like Growth Factor-I-stimulated Signaling. Journal of Biological Chemistry, 1996, 271, 19810-19816.	3.4	396
41	Hematopoietic Cell-Specific Deletion of Toll-like Receptor 4 Ameliorates Hepatic and Adipose Tissue Insulin Resistance in High-Fat-Fed Mice. Cell Metabolism, 2009, 10, 419-429.	16.2	394
42	Inflamed fat: what starts the fire?. Journal of Clinical Investigation, 2005, 116, 33-35.	8.2	387
43	SIRT1 Exerts Anti-Inflammatory Effects and Improves Insulin Sensitivity in Adipocytes. Molecular and Cellular Biology, 2009, 29, 1363-1374.	2.3	382
44	Improved insulin-sensitivity in mice heterozygous for PPAR-Î³ deficiency. Journal of Clinical Investigation, 2000, 105, 287-292.	8.2	369
45	An inhibitor of the protein kinases TBK1 and IKK-É› improves obesity-related metabolic dysfunctions in mice. Nature Medicine, 2013, 19, 313-321.	30.7	364
46	JNK and Tumor Necrosis Factor-Î± Mediate Free Fatty Acid-induced Insulin Resistance in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 2005, 280, 35361-35371.	3.4	346
47	SIRT1 inhibits inflammatory pathways in macrophages and modulates insulin sensitivity. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E419-E428.	3.5	339
48	An Integrated View of Immunometabolism. Cell, 2018, 172, 22-40.	28.9	326
49	Mechanisms of insulin resistance in obesity and noninsulin-dependent (type II) diabetes. American Journal of Medicine, 1981, 70, 151-168.	1.5	319
50	A Gpr120-selective agonist improves insulin resistance and chronic inflammation in obese mice. Nature Medicine, 2014, 20, 942-947.	30.7	317
51	Increased Macrophage Migration Into Adipose Tissue in Obese Mice. Diabetes, 2012, 61, 346-354.	0.6	304
52	Insulin disrupts Î²-adrenergic signalling to protein kinase A in adipocytes. Nature, 2005, 437, 569-573.	27.8	283
53	SirT1 Regulates Adipose Tissue Inflammation. Diabetes, 2011, 60, 3235-3245.	0.6	261
54	Nuclear Receptor Minireview Series. Journal of Biological Chemistry, 2001, 276, 36863-36864.	3.4	255

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55	Exosomes as mediators of intercellular crosstalk in metabolism. Cell Metabolism, 2021, 33, 1744-1762.	16.2	253
56	LTB4 promotes insulin resistance in obese mice by acting on macrophages, hepatocytes and myocytes. Nature Medicine, 2015, 21, 239-247.	30.7	252
57	Increased Malonyl-CoA Levels in Muscle From Obese and Type 2 Diabetic Subjects Lead to Decreased Fatty Acid Oxidation and Increased Lipogenesis; Thiazolidinedione Treatment Reverses These Defects. Diabetes, 2006, 55, 2277-2285.	0.6	250
58	Adipocyte NCoR Knockout Decreases PPARÎ³ Phosphorylation and Enhances PPARÎ³ Activity and Insulin Sensitivity. Cell, 2011, 147, 815-826.	28.9	246
59	Maintenance of Metabolic Homeostasis by Sestrin2 and Sestrin3. Cell Metabolism, 2012, 16, 311-321.	16.2	242
60	PPARÎ³ activation in adipocytes is sufficient for systemic insulin sensitization. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22504-22509.	7.1	231
61	Profiling Gene Transcription In Vivo Reveals Adipose Tissue as an Immediate Target of Tumor Necrosis Factor-Α: Implications for Insulin Resistance. Diabetes, 2002, 51, 3176-3188.	0.6	231
62	Adenovirus-mediated chronic â€œhyper-resistinemiaâ€• leads to in vivo insulin resistance in normal rats. Journal of Clinical Investigation, 2004, 114, 224-231.	8.2	226
63	Activated Phosphatidylinositol 3-Kinase Is Sufficient to Mediate Actin Rearrangement and GLUT4 Translocation in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 1996, 271, 17605-17608.	3.4	222
64	Brain PPAR-Î³ promotes obesity and is required for the insulinâ€"sensitizing effect of thiazolidinediones. Nature Medicine, 2011, 17, 618-622.	30.7	214
65	Hematopoietic-Derived Galectin-3 Causes Cellular and Systemic Insulin Resistance. Cell, 2016, 167, 973-984.e12.	28.9	214
66	FoxO1 regulates Tlr4 inflammatory pathway signalling in macrophages. EMBO Journal, 2010, 29, 4223-4236.	7.8	203
67	Endocrinization of FGF1 produces a neomorphic and potent insulin sensitizer. Nature, 2014, 513, 436-439.	27.8	201
68	Functional Heterogeneity of CD11c-positive Adipose Tissue Macrophages in Diet-induced Obese Mice. Journal of Biological Chemistry, 2010, 285, 15333-15345.	3.4	200
69	Protein Phosphatase 2A Negatively Regulates Insulin's Metabolic Signaling Pathway by Inhibiting Akt (Protein Kinase B) Activity in 3T3-L1 Adipocytes. Molecular and Cellular Biology, 2004, 24, 8778-8789.	2.3	199
70	The role of macrophages in obesity-associated islet inflammation and Î²-cell abnormalities. Nature Reviews Endocrinology, 2020, 16, 81-90.	9.6	195
71	Î²-Arrestin-1 mediates glucagon-like peptide-1 signaling to insulin secretion in cultured pancreatic Î² cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6614-6619.	7.1	185
72	In vitro studies on the action of CS-045, a new antidiabetic agent. Metabolism: Clinical and Experimental, 1990, 39, 1056-1062.	3.4	184

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73	Expansion of Islet-Resident Macrophages Leads to Inflammation Affecting Î² Cell Proliferation and Function in Obesity. Cell Metabolism, 2019, 29, 457-474.e5.	16.2	173
74	GPR43 Potentiates Î²-Cell Function in Obesity. Diabetes, 2015, 64, 3203-3217.	0.6	162
75	Insulin-Induced GLUT4 Translocation Involves Protein Kinase C-Î»-Mediated Functional Coupling between Rab4 and the Motor Protein Kinesin. Molecular and Cellular Biology, 2003, 23, 4892-4900.	2.3	160
76	G Alpha-q/11 Protein Plays a Key Role in Insulin-Induced Glucose Transport in 3T3-L1 Adipocytes. Molecular and Cellular Biology, 1999, 19, 6765-6774.	2.3	159
77	NCoR Repression of LXRs Restricts Macrophage Biosynthesis of Insulin-Sensitizing Omega 3 Fatty Acids. Cell, 2013, 155, 200-214.	28.9	149
78	Proâ€Inflammatory macrophages increase in skeletal muscle of high fatâ€Fed mice and correlate with metabolic risk markers in humans. Obesity, 2014, 22, 747-757.	3.0	144
79	Insulin and Insulin-like Growth Factor I Receptors Utilize Different G Protein Signaling Components. Journal of Biological Chemistry, 2001, 276, 15688-15695.	3.4	143
80	Characterization of Distinct Subpopulations of Hepatic Macrophages in HFD/Obese Mice. Diabetes, 2015, 64, 1120-1130.	0.6	143
81	The Insulin Receptor: A Multifunctional Protein. Diabetes, 1990, 39, 1009-1016.	0.6	140
82	Decreased Susceptibility to Fatty Acidâ€"Induced Peripheral Tissue Insulin Resistance in Women. Diabetes, 2001, 50, 1344-1350.	0.6	140
83	MiR-690, an exosomal-derived miRNA from M2-polarized macrophages, improves insulin sensitivity in obese mice. Cell Metabolism, 2021, 33, 781-790.e5.	16.2	138
84	Adipocyte SIRT1 knockout promotes PPARÎ³ activity, adipogenesis and insulin sensitivity in chronic-HFD and obesity. Molecular Metabolism, 2015, 4, 378-391.	6.5	129
85	Chronic tissue inflammation and metabolic disease. Genes and Development, 2021, 35, 307-328.	5.9	122
86	The Fractalkine/CX3CR1 System Regulates Î² Cell Function and Insulin Secretion. Cell, 2013, 153, 413-425.	28.9	121
87	Î²-Arrestin-mediated Recruitment of the Src Family Kinase Yes Mediates Endothelin-1-stimulated Glucose Transport. Journal of Biological Chemistry, 2001, 276, 43663-43667.	3.4	115
88	FOXO1 Transrepresses Peroxisome Proliferator-activated Receptor Î³ Transactivation, Coordinating an Insulin-induced Feed-forward Response in Adipocytes. Journal of Biological Chemistry, 2009, 284, 12188-12197.	3.4	115
89	Bone marrowâ€"specific Cap gene deletion protects against high-fat dietâ€"induced insulin resistance. Nature Medicine, 2007, 13, 455-462.	30.7	110
90	High Fat Diet Causes Depletion of Intestinal Eosinophils Associated with Intestinal Permeability. PLoS ONE, 2015, 10, e0122195.	2.5	97

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91	Cellular mechanisms of insulin resistance in non-insulin-dependent (type II) diabetes. American Journal of Medicine, 1988, 85, 86-105.	1.5	95
92	Adipose tissue B2 cells promote insulin resistance through leukotriene LTB4/LTB4R1 signaling. Journal of Clinical Investigation, 2017, 127, 1019-1030.	8.2	94
93	Stressed out about obesity and insulin resistance. Nature Medicine, 2006, 12, 41-42.	30.7	93
94	FoxO1 Haploinsufficiency Protects Against High-Fat Dietâ€"Induced Insulin Resistance With Enhanced Peroxisome Proliferatorâ€"Activated Receptor Î³ Activation in Adipose Tissue. Diabetes, 2009, 58, 1275-1282.	0.6	90
95	G protein-coupled receptors as targets for anti-diabetic therapeutics. Nature Reviews Drug Discovery, 2016, 15, 161-172.	46.4	90
96	GRK2 is an endogenous protein inhibitor of the insulin signaling pathway for glucose transport stimulation. EMBO Journal, 2004, 23, 2821-2829.	7.8	86
97	Chronic endothelin-1 treatment leads to heterologous desensitization of insulin signaling in 3T3-L1 adipocytes. Journal of Clinical Investigation, 2001, 107, 1193-1202.	8.2	82
98	G Protein-Coupled Receptor Kinase 2 Mediates Endothelin-1-Induced Insulin Resistance via the Inhibition of Both GÎ±q/11 and Insulin Receptor Substrate-1 Pathways in 3T3-L1 Adipocytes. Molecular Endocrinology, 2005, 19, 2760-2768.	3.7	81
99	Insulin Induces Heterologous Desensitization of G Protein-Coupled Receptor and Insulin-Like Growth Factor I Signaling by Downregulating Î²-Arrestin-1. Molecular and Cellular Biology, 2002, 22, 6272-6285.	2.3	76
100	Cdc42 Is a Rho GTPase Family Member That Can Mediate Insulin Signaling to Glucose Transport in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 2003, 278, 13765-13774.	3.4	76
101	Adenovirus-Mediated Adiponectin Expression Augments Skeletal Muscle Insulin Sensitivity in Male Wistar Rats. Diabetes, 2005, 54, 1304-1313.	0.6	76
102	Glucocorticoids and Thiazolidinediones Interfere with Adipocyte-mediated Macrophage Chemotaxis and Recruitment. Journal of Biological Chemistry, 2009, 284, 31223-31235.	3.4	74
103	Glucagon regulates gluconeogenesis through KAT2B- and WDR5-mediated epigenetic effects. Journal of Clinical Investigation, 2013, 123, 4318-4328.	8.2	73
104	Knockdown of ANT2 reduces adipocyte hypoxia and improves insulin resistance in obesity. Nature Metabolism, 2019, 1, 86-97.	11.9	71
105	The Small Guanosine Triphosphate-Binding Protein Rab4 Is Involved in Insulin-Induced GLUT4 Translocation and Actin Filament Rearrangement in 3T3-L1 Cells*. Endocrinology, 1997, 138, 4941-4949.	2.8	69
106	Selective modulation of promoter recruitment and transcriptional activity of PPARÎ³. Biochemical and Biophysical Research Communications, 2007, 364, 515-521.	2.1	67
107	GPR105 Ablation Prevents Inflammation and Improves Insulin Sensitivity in Mice with Diet-Induced Obesity. Journal of Immunology, 2012, 189, 1992-1999.	0.8	65
108	Novel liver-specific TORC2 siRNA corrects hyperglycemia in rodent models of type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E1137-E1146.	3.5	62

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109	TAZ Is a Negative Regulator of PPARÎ³ Activity in Adipocytes and TAZ Deletion Improves Insulin Sensitivity and Glucose Tolerance. Cell Metabolism, 2020, 31, 162-173.e5.	16.2	61
110	Spatial Cognition in Adult and Aged Mice Exposed to High-Fat Diet. PLoS ONE, 2015, 10, e0140034.	2.5	59
111	Lentiviral Short Hairpin Ribonucleic Acid-Mediated Knockdown of GLUT4 in 3T3-L1 Adipocytes. Endocrinology, 2006, 147, 2245-2252.	2.8	58
112	Acute effects of troglitazone on in vivo insulin action in normal rats. Metabolism: Clinical and Experimental, 1995, 44, 1166-1169.	3.4	56
113	Fatty Acid-Induced Insulin Resistance: Decreased Muscle PI3K Activation But Unchanged Akt Phosphorylation. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 226-234.	3.6	53
114	Disruption of Microtubules Ablates the Specificity of Insulin Signaling to GLUT4 Translocation in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 2005, 280, 42300-42306.	3.4	50
115	Neuronal Sirt1 Deficiency Increases Insulin Sensitivity in Both Brain and Peripheral Tissues. Journal of Biological Chemistry, 2013, 288, 10722-10735.	3.4	50
116	G proteinâ€“coupled receptor 21 deletion improves insulin sensitivity in diet-induced obese mice. Journal of Clinical Investigation, 2012, 122, 2444-2453.	8.2	49
117	Fat Talks, Liver and Muscle Listen. Cell, 2008, 134, 914-916.	28.9	48
118	Prospects for Research in Diabetes Mellitus. JAMA - Journal of the American Medical Association, 2001, 285, 628.	7.4	44
119	Positive Reinforcing Mechanisms between GPR120 and PPARÎ³ Modulate Insulin Sensitivity. Cell Metabolism, 2020, 31, 1173-1188.e5.	16.2	43
120	Hepatocyte-derived exosomes from early onset obese mice promote insulin sensitivity through miR-3075. Nature Metabolism, 2021, 3, 1163-1174.	11.9	43
121	Increased phosphorylation of ribosomal protein S6 following microinjection of insulin receptor-kinase into Xenopus oocytes. Nature, 1986, 320, 459-461.	27.8	42
122	Gene therapy for rats and mice. Nature, 2000, 408, 420-421.	27.8	42
123	p75 Neurotrophin Receptor Regulates Energy Balance in Obesity. Cell Reports, 2016, 14, 255-268.	6.4	42
124	C/EBPÎ± regulates macrophage activation and systemic metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1144-E1154.	3.5	41
125	Â-Arrestin 1 down-regulation after insulin treatment is associated with supersensitization of Â2 adrenergic receptor GÂs signaling in 3T3-L1 adipocytes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 161-166.	7.1	40
126	Blockade of Î±4 Integrin Signaling Ameliorates the Metabolic Consequences of High-Fat Dietâ€“Induced Obesity. Diabetes, 2008, 57, 1842-1851.	0.6	40

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127	Extracellular Vesicles and Their Emerging Roles as Cellular Messengers in Endocrinology: An Endocrine Society Scientific Statement. Endocrine Reviews, 2022, 43, 441-468.	20.1	40
128	Insulin Internalization and Degradation in Adipocytes from Normal and Type II Diabetic Subjects*. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 268-274.	3.6	36
129	Defective Insulin Receptor Function in Down-Regulated HepG2 Cells*. Endocrinology, 1990, 127, 1706-1717.	2.8	36
130	Src homology 2 domains of protein tyrosine phosphatase are associated in vitro with both the insulin receptor and insulin receptor substrate-1 via different phosphotyrosine motifs. FEBS Letters, 1994, 340, 216-220.	2.8	36
131	IKKÉ›: A Bridge between Obesity and Inflammation. Cell, 2009, 138, 834-836.	28.9	36
132	RalA controls glucose homeostasis by regulating glucose uptake in brown fat. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7819-7824.	7.1	36
133	MiR-690 treatment causes decreased fibrosis and steatosis and restores specific Kupffer cell functions in NASH. Cell Metabolism, 2022, 34, 978-990.e4.	16.2	36
134	Cancer-cell-secreted extracellular vesicles suppress insulin secretion through miR-122 to impair systemic glucose homeostasis and contribute to tumour growth. Nature Cell Biology, 2022, 24, 954-967.	10.3	35
135	The G12 coupled thrombin receptor stimulates mitogenesis through the Shc SH2 domain. Oncogene, 1997, 15, 595-600.	5.9	32
136	Tumor Necrosis Factor Receptor-1 Can Function through a GÎ±q/11-Î²-Arrestin-1 Signaling Complex. Journal of Biological Chemistry, 2007, 282, 28549-28556.	3.4	27
137	PPARG Regulates Gonadotropin-Releasing Hormone Signaling in LbetaT2 Cells In Vitro and Pituitary Gonadotroph Function In Vivo in Mice1. Biology of Reproduction, 2011, 84, 466-475.	2.7	27
138	Chronic fractalkine administration improves glucose tolerance and pancreatic endocrine function. Journal of Clinical Investigation, 2018, 128, 1458-1470.	8.2	27
139	Ligand-Independent GLUT4 Translocation Induced by Guanosine 5â€²-O-(3-Thiotriphosphate) Involves Tyrosine Phosphorylation*. Endocrinology, 1998, 139, 358-364.	2.8	26
140	Adipocyte-specific Repression of PPAR-gamma by NCoR Contributes to Scleroderma Skin Fibrosis. Arthritis Research and Therapy, 2018, 20, 145.	3.5	26
141	CELL SIGNALING: A New Way to Burn Fat. Science, 2006, 312, 1756-1758.	12.6	24
142	Microbiota-Produced <i>N</i>-Formyl Peptide fMLF Promotes Obesity-Induced Glucose Intolerance. Diabetes, 2019, 68, 1415-1426.	0.6	23
143	Role of Host GPR120 in Mediating Dietary Omega-3 Fatty Acid Inhibition of Prostate Cancer. Journal of the National Cancer Institute, 2019, 111, 52-59.	6.3	23
144	CX3CL1-Fc treatment prevents atherosclerosis in Ldlr KO mice. Molecular Metabolism, 2019, 20, 89-101.	6.5	21

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145	Nerve Growth Factor Processing and Trafficking Events Following TrkA-Mediated Endocytosis. Endocrinology, 1998, 139, 3232-3240.	2.8	20
146	Inducible Nitric Oxide Synthase Deficiency in Myeloid Cells Does Not Prevent Diet-Induced Insulin Resistance. Molecular Endocrinology, 2010, 24, 1413-1422.	3.7	19
147	Inhibition of PLC-Î³1 activity converts nerve growth factor from an anti-mitogenic to a mitogenic signal in CHO cells. Oncogene, 1999, 18, 4908-4919.	5.9	18
148	Fat-Induced Inflammation Unchecked. Cell Metabolism, 2010, 12, 553-554.	16.2	16
149	Obesity Modulates Intestinal Intraepithelial T Cell Persistence, CD103 and CCR9 Expression, and Outcome in Dextran Sulfate Sodiumâ€"Induced Colitis. Journal of Immunology, 2019, 203, 3427-3435.	0.8	15
150	Insulin-Mediated Cellular Insulin Resistance Decreases Osmotic Shock-Induced Glucose Transport in 3T3-L1 Adipocytes**This work was supported by NIH Grant DK-33651 and the Veterans Administration Medical Research Service. Andrej Janez was supported by a grant from Slovenian Ministry of Science and Technology (sklad za mlade raziskovalce).. Endocrinology, 2000, 141, 4657-4663.	2.8	10
151	The Acute and Chronic Stimulatory Effects of Endothelin-1 on Glucose Transport Are Mediated by Distinct Pathways in 3T3-L1 Adipocytes. Endocrinology, 2000, 141, 4623-4628.	2.8	10
152	Neuronal SIRT1 Regulates Metabolic and Reproductive Function and the Response to Caloric Restriction. Journal of the Endocrine Society, 2019, 3, 427-445.	0.2	9
153	Effects of General Receptor for Phosphoinositides 1 on Insulin and Insulin-Like Growth Factor I-Induced Cytoskeletal Rearrangement, Glucose Transporter-4 Translocation, and Deoxyribonucleic Acid Synthesis. Endocrinology, 1998, 139, 4984-4990.	2.8	8
154	Ligand-Independent GLUT4 Translocation Induced by Guanosine 5'-O-(3-Thiotriphosphate) Involves Tyrosine Phosphorylation. Endocrinology, 1998, 139, 358-364.	2.8	7
155	Post binding events in insulin action. Diabetes/metabolism Reviews, 1985, 1, 59-97.	0.3	6
156	2006 Association of American Physicians Presidential Address: The US's changing competitiveness in the biomedical sciences. Journal of Clinical Investigation, 2007, 117, 270-276.	8.2	6
157	N-Thiazolylamide-based free fatty-acid 2 receptor agonists: Discovery, lead optimization and demonstration of off-target effect in a diabetes model. Bioorganic and Medicinal Chemistry, 2018, 26, 5169-5180.	3.0	3
158	Inflammation and Insulin Resistance. FASEB Journal, 2012, 26, 465.3.	0.5	1
159	Troglitazone. Drugs, 1997, 54, 102.	10.9	0
160	A Tribute to Robert Roy Henryâ€"The Classic â€œAcademic Triple Threatâ€: Accomplished Researcher, Inspiring Teacher, and Compassionate Clinician. Diabetes Care, 2020, 43, 522-525.	8.6	0
161	Protection against hepatic steatosis and systemic insulin resistance by liverâ€specific depletion of p70 S6 kinase. FASEB Journal, 2012, 26, lb133.	0.5	0