

Jerrold M Olefsky

List of Publications by Year in descending order

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156
papers

44,295
citations

3325

91
h-index

7136

153
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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.	5.6	2,279
2	GPR120 Is an Omega-3 Fatty Acid Receptor Mediating Potent Anti-inflammatory and Insulin-Sensitizing Effects. Cell, 2010, 142, 687-698.	13.5	2,013
3	IKK- β links inflammation to obesity-induced insulin resistance. Nature Medicine, 2005, 11, 191-198.	15.2	1,591
4	Small molecule activators of SIRT1 as therapeutics for the treatment of type 2 diabetes. Nature, 2007, 450, 712-716.	13.7	1,565
5	The cellular and signaling networks linking the immune system and metabolism in disease. Nature Medicine, 2012, 18, 363-374.	15.2	1,321
6	Inflammatory mechanisms linking obesity and metabolic disease. Journal of Clinical Investigation, 2017, 127, 1-4.	3.9	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.	1.6	1,018
8	Insulin sensitivity: modulation by nutrients and inflammation. Journal of Clinical Investigation, 2008, 118, 2992-3002.	3.9	980
9	Improvement in Glucose Tolerance and Insulin Resistance in Obese Subjects Treated with Troglitazone. New England Journal of Medicine, 1994, 331, 1188-1193.	13.9	887
10	Adipose-specific peroxisome proliferator-activated receptor α 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.	3.3	877
11	Adipose Tissue Macrophage-Derived Exosomal miRNAs Can Modulate In Vivo and In Vitro Insulin Sensitivity. Cell, 2017, 171, 372-384.e12.	13.5	858
12	Inflammation and insulin resistance. FEBS Letters, 2008, 582, 97-105.	1.3	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.	1.6	840
14	Neutrophils mediate insulin resistance in mice fed a high-fat diet through secreted elastase. Nature Medicine, 2012, 18, 1407-1412.	15.2	751
15	Ablation of CD11c-Positive Cells Normalizes Insulin Sensitivity in Obese Insulin Resistant Animals. Cell Metabolism, 2008, 8, 301-309.	7.2	708
16	Inflammation and Lipid Signaling in the Etiology of Insulin Resistance. Cell Metabolism, 2012, 15, 635-645.	7.2	689
17	The Effect of Thiazolidinediones on Plasma Adiponectin Levels in Normal, Obese, and Type 2 Diabetic Subjects. Diabetes, 2002, 51, 2968-2974.	0.3	671
18	Macrophages, Immunity, and Metabolic Disease. Immunity, 2014, 41, 36-48.	6.6	606

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19	Intestinal FXR agonism promotes adipose tissue browning and reduces obesity and insulin resistance. <i>Nature Medicine</i> , 2015, 21, 159-165.	15.2	562
20	Effects of peroxisome proliferator-activated receptor α on placentation, adiposity, and colorectal cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 303-308.	3.3	548
21	The Origins and Drivers of Insulin Resistance. <i>Cell</i> , 2013, 152, 673-684.	13.5	522
22	Reappraisal of the role of insulin in hypertriglyceridemia. <i>American Journal of Medicine</i> , 1974, 57, 551-560.	0.6	510
23	Phosphoinositide signalling links O-GlcNAc transferase to insulin resistance. <i>Nature</i> , 2008, 451, 964-969.	13.7	508
24	Mechanisms of Insulin Resistance in Aging. <i>Journal of Clinical Investigation</i> , 1983, 71, 1523-1535.	3.9	503
25	Regulation of metabolism by the innate immune system. <i>Nature Reviews Endocrinology</i> , 2016, 12, 15-28.	4.3	502
26	PGC-1 promotes insulin resistance in liver through PPAR α -dependent induction of TRB-3. <i>Nature Medicine</i> , 2004, 10, 530-534.	15.2	499
27	Inflammation in obesity, diabetes, and related disorders. <i>Immunity</i> , 2022, 55, 31-55.	6.6	489
28	Reduced-Median-Network Analysis of Complete Mitochondrial DNA Coding-Region Sequences for the Major African, Asian, and European Haplogroups. <i>American Journal of Human Genetics</i> , 2002, 70, 1152-1171.	2.6	482
29	Treatment of insulin resistance with peroxisome proliferator-activated receptor β agonists. <i>Journal of Clinical Investigation</i> , 2000, 106, 467-472.	3.9	481
30	A fasting inducible switch modulates gluconeogenesis via activator/coactivator exchange. <i>Nature</i> , 2008, 456, 269-273.	13.7	481
31	Effects of Weight Reduction on Obesity STUDIES OF LIPID AND CARBOHYDRATE METABOLISM IN NORMAL AND HYPERLIPOPROTEINEMIC SUBJECTS. <i>Journal of Clinical Investigation</i> , 1974, 53, 64-76.	3.9	474
32	JNK1 in Hematopoietically Derived Cells Contributes to Diet-Induced Inflammation and Insulin Resistance without Affecting Obesity. <i>Cell Metabolism</i> , 2007, 6, 386-397.	7.2	460
33	Muscle-specific Pparg deletion causes insulin resistance. <i>Nature Medicine</i> , 2003, 9, 1491-1497.	15.2	454
34	Inflammation Is Necessary for Long-Term but Not Short-Term High-Fat Diet-Induced Insulin Resistance. <i>Diabetes</i> , 2011, 60, 2474-2483.	0.3	452
35	PPAR α regulates glucose metabolism and insulin sensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3444-3449.	3.3	451
36	Increased Adipocyte O ₂ Consumption Triggers HIF-1 α , Causing Inflammation and Insulin Resistance in Obesity. <i>Cell</i> , 2014, 157, 1339-1352.	13.5	443

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37	Macrophage PPAR α is required for normal skeletal muscle and hepatic insulin sensitivity and full antidiabetic effects of thiazolidinediones. <i>Journal of Clinical Investigation</i> , 2007, 117, 1658-1669.	3.9	413
38	A Rapamycin-Sensitive Pathway Down-Regulates Insulin Signaling via Phosphorylation and Proteasomal Degradation of Insulin Receptor Substrate-1. <i>Molecular Endocrinology</i> , 2000, 14, 783-794.	3.7	402
39	Nonketotic diabetes mellitus: Insulin deficiency or insulin resistance?. <i>American Journal of Medicine</i> , 1976, 60, 80-88.	0.6	401
40	Protein-tyrosine Phosphatase 1B Is a Negative Regulator of Insulin- and Insulin-like Growth Factor-I-stimulated Signaling. <i>Journal of Biological Chemistry</i> , 1996, 271, 19810-19816.	1.6	396
41	Hematopoietic Cell-Specific Deletion of Toll-like Receptor 4 Ameliorates Hepatic and Adipose Tissue Insulin Resistance in High-Fat-Fed Mice. <i>Cell Metabolism</i> , 2009, 10, 419-429.	7.2	394
42	Inflamed fat: what starts the fire?. <i>Journal of Clinical Investigation</i> , 2005, 116, 33-35.	3.9	387
43	SIRT1 Exerts Anti-Inflammatory Effects and Improves Insulin Sensitivity in Adipocytes. <i>Molecular and Cellular Biology</i> , 2009, 29, 1363-1374.	1.1	382
44	Improved insulin-sensitivity in mice heterozygous for PPAR α deficiency. <i>Journal of Clinical Investigation</i> , 2000, 105, 287-292.	3.9	369
45	An inhibitor of the protein kinases TBK1 and IKK ϵ improves obesity-related metabolic dysfunctions in mice. <i>Nature Medicine</i> , 2013, 19, 313-321.	15.2	364
46	JNK and Tumor Necrosis Factor- α Mediate Free Fatty Acid-induced Insulin Resistance in 3T3-L1 Adipocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 35361-35371.	1.6	346
47	SIRT1 inhibits inflammatory pathways in macrophages and modulates insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E419-E428.	1.8	339
48	An Integrated View of Immunometabolism. <i>Cell</i> , 2018, 172, 22-40.	13.5	326
49	Mechanisms of insulin resistance in obesity and noninsulin-dependent (type II) diabetes. <i>American Journal of Medicine</i> , 1981, 70, 151-168.	0.6	319
50	A Gpr120-selective agonist improves insulin resistance and chronic inflammation in obese mice. <i>Nature Medicine</i> , 2014, 20, 942-947.	15.2	317
51	Increased Macrophage Migration Into Adipose Tissue in Obese Mice. <i>Diabetes</i> , 2012, 61, 346-354.	0.3	304
52	Insulin disrupts β -adrenergic signalling to protein kinase A in adipocytes. <i>Nature</i> , 2005, 437, 569-573.	13.7	283
53	Sirt1 Regulates Adipose Tissue Inflammation. <i>Diabetes</i> , 2011, 60, 3235-3245.	0.3	261
54	Nuclear Receptor Minireview Series. <i>Journal of Biological Chemistry</i> , 2001, 276, 36863-36864.	1.6	255

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55	Exosomes as mediators of intercellular crosstalk in metabolism. <i>Cell Metabolism</i> , 2021, 33, 1744-1762.	7.2	253
56	LTB4 promotes insulin resistance in obese mice by acting on macrophages, hepatocytes and myocytes. <i>Nature Medicine</i> , 2015, 21, 239-247.	15.2	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. <i>Diabetes</i> , 2006, 55, 2277-2285.	0.3	250
58	Adipocyte NCoR Knockout Decreases PPAR β Phosphorylation and Enhances PPAR β Activity and Insulin Sensitivity. <i>Cell</i> , 2011, 147, 815-826.	13.5	246
59	Maintenance of Metabolic Homeostasis by Sestrin2 and Sestrin3. <i>Cell Metabolism</i> , 2012, 16, 311-321.	7.2	242
60	PPAR β activation in adipocytes is sufficient for systemic insulin sensitization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22504-22509.	3.3	231
61	Profiling Gene Transcription In Vivo Reveals Adipose Tissue as an Immediate Target of Tumor Necrosis Factor- α : Implications for Insulin Resistance. <i>Diabetes</i> , 2002, 51, 3176-3188.	0.3	231
62	Adenovirus-mediated chronic "hyper-resistinemia" leads to in vivo insulin resistance in normal rats. <i>Journal of Clinical Investigation</i> , 2004, 114, 224-231.	3.9	226
63	Activated Phosphatidylinositol 3-Kinase Is Sufficient to Mediate Actin Rearrangement and GLUT4 Translocation in 3T3-L1 Adipocytes. <i>Journal of Biological Chemistry</i> , 1996, 271, 17605-17608.	1.6	222
64	Brain PPAR β promotes obesity and is required for the insulin "sensitizing" effect of thiazolidinediones. <i>Nature Medicine</i> , 2011, 17, 618-622.	15.2	214
65	Hematopoietic-Derived Galectin-3 Causes Cellular and Systemic Insulin Resistance. <i>Cell</i> , 2016, 167, 973-984.e12.	13.5	214
66	FoxO1 regulates Tlr4 inflammatory pathway signalling in macrophages. <i>EMBO Journal</i> , 2010, 29, 4223-4236.	3.5	203
67	Endocrinization of FGF1 produces a neomorphic and potent insulin sensitizer. <i>Nature</i> , 2014, 513, 436-439.	13.7	201
68	Functional Heterogeneity of CD11c-positive Adipose Tissue Macrophages in Diet-induced Obese Mice. <i>Journal of Biological Chemistry</i> , 2010, 285, 15333-15345.	1.6	200
69	Protein Phosphatase 2A Negatively Regulates Insulin's Metabolic Signaling Pathway by Inhibiting Akt (Protein Kinase B) Activity in 3T3-L1 Adipocytes. <i>Molecular and Cellular Biology</i> , 2004, 24, 8778-8789.	1.1	199
70	The role of macrophages in obesity-associated islet inflammation and β -cell abnormalities. <i>Nature Reviews Endocrinology</i> , 2020, 16, 81-90.	4.3	195
71	β -Arrestin-1 mediates glucagon-like peptide-1 signaling to insulin secretion in cultured pancreatic β cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6614-6619.	3.3	185
72	In vitro studies on the action of CS-045, a new antidiabetic agent. <i>Metabolism: Clinical and Experimental</i> , 1990, 39, 1056-1062.	1.5	184

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73	Expansion of Islet-Resident Macrophages Leads to Inflammation Affecting β Cell Proliferation and Function in Obesity. <i>Cell Metabolism</i> , 2019, 29, 457-474.e5.	7.2	173
74	GPR43 Potentiates β -Cell Function in Obesity. <i>Diabetes</i> , 2015, 64, 3203-3217.	0.3	162
75	Insulin-Induced GLUT4 Translocation Involves Protein Kinase C- δ -Mediated Functional Coupling between Rab4 and the Motor Protein Kinesin. <i>Molecular and Cellular Biology</i> , 2003, 23, 4892-4900.	1.1	160
76	G Alpha-q/11 Protein Plays a Key Role in Insulin-Induced Glucose Transport in 3T3-L1 Adipocytes. <i>Molecular and Cellular Biology</i> , 1999, 19, 6765-6774.	1.1	159
77	NCoR Repression of LXRs Restricts Macrophage Biosynthesis of Insulin-Sensitizing Omega 3 Fatty Acids. <i>Cell</i> , 2013, 155, 200-214.	13.5	149
78	Pro-inflammatory macrophages increase in skeletal muscle of high fat-fed mice and correlate with metabolic risk markers in humans. <i>Obesity</i> , 2014, 22, 747-757.	1.5	144
79	Insulin and Insulin-like Growth Factor I Receptors Utilize Different G Protein Signaling Components. <i>Journal of Biological Chemistry</i> , 2001, 276, 15688-15695.	1.6	143
80	Characterization of Distinct Subpopulations of Hepatic Macrophages in HFD/Obese Mice. <i>Diabetes</i> , 2015, 64, 1120-1130.	0.3	143
81	The Insulin Receptor: A Multifunctional Protein. <i>Diabetes</i> , 1990, 39, 1009-1016.	0.3	140
82	Decreased Susceptibility to Fatty Acid-Induced Peripheral Tissue Insulin Resistance in Women. <i>Diabetes</i> , 2001, 50, 1344-1350.	0.3	140
83	MiR-690, an exosomal-derived miRNA from M2-polarized macrophages, improves insulin sensitivity in obese mice. <i>Cell Metabolism</i> , 2021, 33, 781-790.e5.	7.2	138
84	Adipocyte SIRT1 knockout promotes PPAR γ activity, adipogenesis and insulin sensitivity in chronic-HFD and obesity. <i>Molecular Metabolism</i> , 2015, 4, 378-391.	3.0	129
85	Chronic tissue inflammation and metabolic disease. <i>Genes and Development</i> , 2021, 35, 307-328.	2.7	122
86	The Fractalkine/CX3CR1 System Regulates β Cell Function and Insulin Secretion. <i>Cell</i> , 2013, 153, 413-425.	13.5	121
87	β -Arrestin-mediated Recruitment of the Src Family Kinase Yes Mediates Endothelin-1-stimulated Glucose Transport. <i>Journal of Biological Chemistry</i> , 2001, 276, 43663-43667.	1.6	115
88	FOXO1 Transrepresses Peroxisome Proliferator-activated Receptor γ Transactivation, Coordinating an Insulin-induced Feed-forward Response in Adipocytes. <i>Journal of Biological Chemistry</i> , 2009, 284, 12188-12197.	1.6	115
89	Bone marrow-specific Cap gene deletion protects against high-fat diet-induced insulin resistance. <i>Nature Medicine</i> , 2007, 13, 455-462.	15.2	110
90	High Fat Diet Causes Depletion of Intestinal Eosinophils Associated with Intestinal Permeability. <i>PLoS ONE</i> , 2015, 10, e0122195.	1.1	97

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91	Cellular mechanisms of insulin resistance in non-insulin-dependent (type II) diabetes. <i>American Journal of Medicine</i> , 1988, 85, 86-105.	0.6	95
92	Adipose tissue B2 cells promote insulin resistance through leukotriene LTB4/LTB4R1 signaling. <i>Journal of Clinical Investigation</i> , 2017, 127, 1019-1030.	3.9	94
93	Stressed out about obesity and insulin resistance. <i>Nature Medicine</i> , 2006, 12, 41-42.	15.2	93
94	FoxO1 Haploinsufficiency Protects Against High-Fat Diet-Induced Insulin Resistance With Enhanced Peroxisome Proliferator-Activated Receptor β Activation in Adipose Tissue. <i>Diabetes</i> , 2009, 58, 1275-1282.	0.3	90
95	G protein-coupled receptors as targets for anti-diabetic therapeutics. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 161-172.	21.5	90
96	GRK2 is an endogenous protein inhibitor of the insulin signaling pathway for glucose transport stimulation. <i>EMBO Journal</i> , 2004, 23, 2821-2829.	3.5	86
97	Chronic endothelin-1 treatment leads to heterologous desensitization of insulin signaling in 3T3-L1 adipocytes. <i>Journal of Clinical Investigation</i> , 2001, 107, 1193-1202.	3.9	82
98	G Protein-Coupled Receptor Kinase 2 Mediates Endothelin-1-Induced Insulin Resistance via the Inhibition of Both $\text{G}\alpha_{11}$ and Insulin Receptor Substrate-1 Pathways in 3T3-L1 Adipocytes. <i>Molecular Endocrinology</i> , 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 β -Arrestin-1. <i>Molecular and Cellular Biology</i> , 2002, 22, 6272-6285.	1.1	76
100	Cdc42 Is a Rho GTPase Family Member That Can Mediate Insulin Signaling to Glucose Transport in 3T3-L1 Adipocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 13765-13774.	1.6	76
101	Adenovirus-Mediated Adiponectin Expression Augments Skeletal Muscle Insulin Sensitivity in Male Wistar Rats. <i>Diabetes</i> , 2005, 54, 1304-1313.	0.3	76
102	Glucocorticoids and Thiazolidinediones Interfere with Adipocyte-mediated Macrophage Chemotaxis and Recruitment. <i>Journal of Biological Chemistry</i> , 2009, 284, 31223-31235.	1.6	74
103	Glucagon regulates gluconeogenesis through KAT2B- and WDR5-mediated epigenetic effects. <i>Journal of Clinical Investigation</i> , 2013, 123, 4318-4328.	3.9	73
104	Knockdown of ANT2 reduces adipocyte hypoxia and improves insulin resistance in obesity. <i>Nature Metabolism</i> , 2019, 1, 86-97.	5.1	71
105	The Small Guanosine Triphosphate-Binding Protein Rab4 Is Involved in Insulin-Induced GLUT4 Translocation and Actin Filament Rearrangement in 3T3-L1 Cells*. <i>Endocrinology</i> , 1997, 138, 4941-4949.	1.4	69
106	Selective modulation of promoter recruitment and transcriptional activity of PPAR β . <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 515-521.	1.0	67
107	GPR105 Ablation Prevents Inflammation and Improves Insulin Sensitivity in Mice with Diet-Induced Obesity. <i>Journal of Immunology</i> , 2012, 189, 1992-1999.	0.4	65
108	Novel liver-specific TORC2 siRNA corrects hyperglycemia in rodent models of type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E1137-E1146.	1.8	62

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109	TAZ Is a Negative Regulator of PPAR β Activity in Adipocytes and TAZ Deletion Improves Insulin Sensitivity and Glucose Tolerance. <i>Cell Metabolism</i> , 2020, 31, 162-173.e5.	7.2	61
110	Spatial Cognition in Adult and Aged Mice Exposed to High-Fat Diet. <i>PLoS ONE</i> , 2015, 10, e0140034.	1.1	59
111	Lentiviral Short Hairpin Ribonucleic Acid-Mediated Knockdown of GLUT4 in 3T3-L1 Adipocytes. <i>Endocrinology</i> , 2006, 147, 2245-2252.	1.4	58
112	Acute effects of troglitazone on in vivo insulin action in normal rats. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 1166-1169.	1.5	56
113	Disruption of Microtubules Ablates the Specificity of Insulin Signaling to GLUT4 Translocation in 3T3-L1 Adipocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 42300-42306.	1.6	50
114	Neuronal Sirt1 Deficiency Increases Insulin Sensitivity in Both Brain and Peripheral Tissues. <i>Journal of Biological Chemistry</i> , 2013, 288, 10722-10735.	1.6	50
115	G protein-coupled receptor 21 deletion improves insulin sensitivity in diet-induced obese mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 2444-2453.	3.9	49
116	Fat Talks, Liver and Muscle Listen. <i>Cell</i> , 2008, 134, 914-916.	13.5	48
117	Prospects for Research in Diabetes Mellitus. <i>JAMA - Journal of the American Medical Association</i> , 2001, 285, 628.	3.8	44
118	Positive Reinforcing Mechanisms between GPR120 and PPAR β Modulate Insulin Sensitivity. <i>Cell Metabolism</i> , 2020, 31, 1173-1188.e5.	7.2	43
119	Hepatocyte-derived exosomes from early onset obese mice promote insulin sensitivity through miR-3075. <i>Nature Metabolism</i> , 2021, 3, 1163-1174.	5.1	43
120	Increased phosphorylation of ribosomal protein S6 following microinjection of insulin receptor-kinase into <i>Xenopus</i> oocytes. <i>Nature</i> , 1986, 320, 459-461.	13.7	42
121	Gene therapy for rats and mice. <i>Nature</i> , 2000, 408, 420-421.	13.7	42
122	p75 Neurotrophin Receptor Regulates Energy Balance in Obesity. <i>Cell Reports</i> , 2016, 14, 255-268.	2.9	42
123	C/EBP β regulates macrophage activation and systemic metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1144-E1154.	1.8	41
124	β -Arrestin 1 down-regulation after insulin treatment is associated with supersensitization of β 2 adrenergic receptor GAs signaling in 3T3-L1 adipocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 161-166.	3.3	40
125	Blockade of α 4 Integrin Signaling Ameliorates the Metabolic Consequences of High-Fat Diet-Induced Obesity. <i>Diabetes</i> , 2008, 57, 1842-1851.	0.3	40
126	Extracellular Vesicles and Their Emerging Roles as Cellular Messengers in Endocrinology: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2022, 43, 441-468.	8.9	40

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127	Insulin Internalization and Degradation in Adipocytes from Normal and Type II Diabetic Subjects*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986, 62, 268-274.	1.8	36
128	Defective Insulin Receptor Function in Down-Regulated HepG2 Cells*. <i>Endocrinology</i> , 1990, 127, 1706-1717.	1.4	36
129	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. <i>FEBS Letters</i> , 1994, 340, 216-220.	1.3	36
130	IKK ϵ : A Bridge between Obesity and Inflammation. <i>Cell</i> , 2009, 138, 834-836.	13.5	36
131	RaA controls glucose homeostasis by regulating glucose uptake in brown fat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7819-7824.	3.3	36
132	MiR-690 treatment causes decreased fibrosis and steatosis and restores specific Kupffer cell functions in NASH. <i>Cell Metabolism</i> , 2022, 34, 978-990.e4.	7.2	36
133	Cancer-cell-secreted extracellular vesicles suppress insulin secretion through miR-122 to impair systemic glucose homeostasis and contribute to tumour growth. <i>Nature Cell Biology</i> , 2022, 24, 954-967.	4.6	35
134	The G12 coupled thrombin receptor stimulates mitogenesis through the Shc SH2 domain. <i>Oncogene</i> , 1997, 15, 595-600.	2.6	32
135	Tumor Necrosis Factor Receptor-1 Can Function through a G α q/11- β -Arrestin-1 Signaling Complex. <i>Journal of Biological Chemistry</i> , 2007, 282, 28549-28556.	1.6	27
136	PPARG Regulates Gonadotropin-Releasing Hormone Signaling in LbetaT2 Cells In Vitro and Pituitary Gonadotroph Function In Vivo in Mice1. <i>Biology of Reproduction</i> , 2011, 84, 466-475.	1.2	27
137	Chronic fractalkine administration improves glucose tolerance and pancreatic endocrine function. <i>Journal of Clinical Investigation</i> , 2018, 128, 1458-1470.	3.9	27
138	Ligand-Independent GLUT4 Translocation Induced by Guanosine 5'-O-(3-Thiotriphosphate) Involves Tyrosine Phosphorylation*. <i>Endocrinology</i> , 1998, 139, 358-364.	1.4	26
139	Adipocyte-specific Repression of PPAR-gamma by NCoR Contributes to Scleroderma Skin Fibrosis. <i>Arthritis Research and Therapy</i> , 2018, 20, 145.	1.6	26
140	CELL SIGNALING: A New Way to Burn Fat. <i>Science</i> , 2006, 312, 1756-1758.	6.0	24
141	Microbiota-Produced N-Formyl Peptide fMLF Promotes Obesity-Induced Glucose Intolerance. <i>Diabetes</i> , 2019, 68, 1415-1426.	0.3	23
142	Role of Host GPR120 in Mediating Dietary Omega-3 Fatty Acid Inhibition of Prostate Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 52-59.	3.0	23
143	CX3CL1-Fc treatment prevents atherosclerosis in Ldlr KO mice. <i>Molecular Metabolism</i> , 2019, 20, 89-101.	3.0	21
144	Inducible Nitric Oxide Synthase Deficiency in Myeloid Cells Does Not Prevent Diet-Induced Insulin Resistance. <i>Molecular Endocrinology</i> , 2010, 24, 1413-1422.	3.7	19

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145	Inhibition of PLC- β 1 activity converts nerve growth factor from an anti-mitogenic to a mitogenic signal in CHO cells. <i>Oncogene</i> , 1999, 18, 4908-4919.	2.6	18
146	Fat-Induced Inflammation Unchecked. <i>Cell Metabolism</i> , 2010, 12, 553-554.	7.2	16
147	Obesity Modulates Intestinal Intraepithelial T Cell Persistence, CD103 and CCR9 Expression, and Outcome in Dextran Sulfate Sodium-Induced Colitis. <i>Journal of Immunology</i> , 2019, 203, 3427-3435.	0.4	15
148	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).. <i>Endocrinology</i> , 2000, 141, 4657-4663.	1.4	10
149	Neuronal SIRT1 Regulates Metabolic and Reproductive Function and the Response to Caloric Restriction. <i>Journal of the Endocrine Society</i> , 2019, 3, 427-445.	0.1	9
150	Post binding events in insulin action. <i>Diabetes/metabolism Reviews</i> , 1985, 1, 59-97.	0.2	6
151	2006 Association of American Physicians Presidential Address: The US's changing competitiveness in the biomedical sciences. <i>Journal of Clinical Investigation</i> , 2007, 117, 270-276.	3.9	6
152	N-Thiazolamide-based free fatty-acid 2 receptor agonists: Discovery, lead optimization and demonstration of off-target effect in a diabetes model. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5169-5180.	1.4	3
153	Inflammation and Insulin Resistance. <i>FASEB Journal</i> , 2012, 26, 465.3.	0.2	1
154	Troglitazone. <i>Drugs</i> , 1997, 54, 102.	4.9	0
155	A Tribute to Robert Roy Henryâ€”The Classic â€œAcademic Triple Threatâ€” Accomplished Researcher, Inspiring Teacher, and Compassionate Clinician. <i>Diabetes Care</i> , 2020, 43, 522-525.	4.3	0
156	Protection against hepatic steatosis and systemic insulin resistance by liver-specific depletion of p70 S6 kinase. <i>FASEB Journal</i> , 2012, 26, lb133.	0.2	0