

Phillip E Scherer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

214
papers

9,651
citations

55
h-index

91
g-index

237
ext. papers

12,056
ext. citations

10.2
avg, IF

6.77
L-index

#	Paper	IF	Citations
214	Receptor-mediated activation of ceramidase activity initiates the pleiotropic actions of adiponectin. <i>Nature Medicine</i> , 2011 , 17, 55-63	50.5	635
213	Adipocyte inflammation is essential for healthy adipose tissue expansion and remodeling. <i>Cell Metabolism</i> , 2014 , 20, 103-18	24.6	418
212	Obesity and cancer--mechanisms underlying tumour progression and recurrence. <i>Nature Reviews Endocrinology</i> , 2014 , 10, 455-465	15.2	405
211	An FGF21-adiponectin-ceramide axis controls energy expenditure and insulin action in mice. <i>Cell Metabolism</i> , 2013 , 17, 790-7	24.6	367
210	The cell biology of fat expansion. <i>Journal of Cell Biology</i> , 2015 , 208, 501-12	7.3	331
209	Adiponectin, the past two decades. <i>Journal of Molecular Cell Biology</i> , 2016 , 8, 93-100	6.3	270
208	Spliced X-box binding protein 1 couples the unfolded protein response to hexosamine biosynthetic pathway. <i>Cell</i> , 2014 , 156, 1179-1192	56.2	246
207	Hepatocyte Toll-like receptor 4 regulates obesity-induced inflammation and insulin resistance. <i>Nature Communications</i> , 2014 , 5, 3878	17.4	192
206	Genetic ablation of caveolin-1 confers protection against atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 98-105	9.4	181
205	Endotrophin triggers adipose tissue fibrosis and metabolic dysfunction. <i>Nature Communications</i> , 2014 , 5, 3485	17.4	180
204	Hyperglycemia as a risk factor for cancer progression. <i>Diabetes and Metabolism Journal</i> , 2014 , 38, 330-6	5	170
203	Xbp1s in Pomc neurons connects ER stress with energy balance and glucose homeostasis. <i>Cell Metabolism</i> , 2014 , 20, 471-82	24.6	169
202	The Role of Adipocytes and Adipocyte-Like Cells in the Severity of COVID-19 Infections. <i>Obesity</i> , 2020 , 28, 1187-1190	8	140
201	Specific Hepatic Sphingolipids Relate to Insulin Resistance, Oxidative Stress, and Inflammation in Nonalcoholic Steatohepatitis. <i>Diabetes Care</i> , 2018 , 41, 1235-1243	14.6	136
200	The transcriptional response of the islet to pregnancy in mice. <i>Molecular Endocrinology</i> , 2009 , 23, 1702-12		121
199	Caveolae, transmembrane signalling and cellular transformation. <i>Molecular Membrane Biology</i> , 1995 , 12, 121-4	3.4	119
198	Beclin 2 functions in autophagy, degradation of G protein-coupled receptors, and metabolism. <i>Cell</i> , 2013 , 154, 1085-1099	56.2	115

197	Adipokines linking obesity with colorectal cancer risk in postmenopausal women. <i>Cancer Research</i> , 2012 , 72, 3029-37	10.1	114
196	microRNA-17 family promotes polycystic kidney disease progression through modulation of mitochondrial metabolism. <i>Nature Communications</i> , 2017 , 8, 14395	17.4	110
195	The Xbp1s/GaE axis links ER stress to postprandial hepatic metabolism. <i>Journal of Clinical Investigation</i> , 2013 , 123, 455-68	15.9	103
194	An Adipose Tissue Atlas: An Image-Guided Identification of Human-like BAT and Beige Depots in Rodents. <i>Cell Metabolism</i> , 2018 , 27, 252-262.e3	24.6	102
193	Melanocortin 4 receptors in autonomic neurons regulate thermogenesis and glycemia. <i>Nature Neuroscience</i> , 2014 , 17, 911-3	25.5	94
192	Partial Leptin Reduction as an Insulin Sensitization and Weight Loss Strategy. <i>Cell Metabolism</i> , 2019 , 30, 706-719.e6	24.6	93
191	ATR/TEM8 is highly expressed in epithelial cells lining <i>Bacillus anthracis</i> ' three sites of entry: implications for the pathogenesis of anthrax infection. <i>American Journal of Physiology - Cell Physiology</i> , 2005 , 288, C1402-10	5.4	90
190	Brown adipose tissue derived VEGF-A modulates cold tolerance and energy expenditure. <i>Molecular Metabolism</i> , 2014 , 3, 474-83	8.8	89
189	Constitutive and Growth Factor-Regulated Phosphorylation of Caveolin-1 Occurs at the Same Site (Tyr-14) in Vivo: Identification of a c-Src/Cav-1/Grb7 Signaling Cassette		87
188	Beyond adiponectin and leptin: adipose tissue-derived mediators of inter-organ communication. <i>Journal of Lipid Research</i> , 2019 , 60, 1648-1684	6.3	83
187	Distinct regulatory mechanisms governing embryonic versus adult adipocyte maturation. <i>Nature Cell Biology</i> , 2015 , 17, 1099-111	23.4	83
186	Grb10 promotes lipolysis and thermogenesis by phosphorylation-dependent feedback inhibition of mTORC1. <i>Cell Metabolism</i> , 2014 , 19, 967-80	24.6	75
185	5-HT2CRs expressed by pro-opiomelanocortin neurons regulate insulin sensitivity in liver. <i>Nature Neuroscience</i> , 2010 , 13, 1457-9	25.5	75
184	Dermal Adipocytes: From Irrelevance to Metabolic Targets?. <i>Trends in Endocrinology and Metabolism</i> , 2016 , 27, 1-10	8.8	73
183	Thromboxane A2 is a key regulator of pathogenesis during <i>Trypanosoma cruzi</i> infection. <i>Journal of Experimental Medicine</i> , 2007 , 204, 929-40	16.6	72
182	A prospective study of inflammation markers and endometrial cancer risk in postmenopausal hormone nonusers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 971-7	4	71
181	Metabolic Messengers: Adiponectin. <i>Nature Metabolism</i> , 2019 , 1, 334-339	14.6	70
180	Selective enhancement of insulin sensitivity in the mature adipocyte is sufficient for systemic metabolic improvements. <i>Nature Communications</i> , 2015 , 6, 7906	17.4	70

179	Circulating Adipokines and Inflammatory Markers and Postmenopausal Breast Cancer Risk. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	69
178	Reversible De-differentiation of Mature White Adipocytes into Preadipocyte-like Precursors during Lactation. <i>Cell Metabolism</i> , 2018 , 28, 282-288.e3	24.6	69
177	Fasting selectively blocks development of acute lymphoblastic leukemia via leptin-receptor upregulation. <i>Nature Medicine</i> , 2017 , 23, 79-90	50.5	68
176	Low- and high-thermogenic brown adipocyte subpopulations coexist in murine adipose tissue. <i>Journal of Clinical Investigation</i> , 2020 , 130, 247-257	15.9	68
175	The many secret lives of adipocytes: implications for diabetes. <i>Diabetologia</i> , 2019 , 62, 223-232	10.3	68
174	Immunologic and endocrine functions of adipose tissue: implications for kidney disease. <i>Nature Reviews Nephrology</i> , 2018 , 14, 105-120	14.9	68
173	Structure-guided development of specific pyruvate dehydrogenase kinase inhibitors targeting the ATP-binding pocket. <i>Journal of Biological Chemistry</i> , 2014 , 289, 4432-43	5.4	66
172	Race-ethnic differences in adipokine levels: the Study of Women's Health Across the Nation (SWAN). <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 1261-9	12.7	61
171	Within-individual stability of obesity-related biomarkers among women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 1291-3	4	60
170	VEGF-A-Expressing Adipose Tissue Shows Rapid Beiging and Enhanced Survival After Transplantation and Confers IL-4-Independent Metabolic Improvements. <i>Diabetes</i> , 2017 , 66, 1479-1490	0.9	59
169	Hyperglycemia in rodent models of type 2 diabetes requires insulin-resistant alpha cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13217-22	11.5	59
168	MED13-dependent signaling from the heart confers leanness by enhancing metabolism in adipose tissue and liver. <i>EMBO Molecular Medicine</i> , 2014 , 6, 1610-21	12	59
167	Differential glucose requirement in skin homeostasis and injury identifies a therapeutic target for psoriasis. <i>Nature Medicine</i> , 2018 , 24, 617-627	50.5	58
166	First clinical release of an online, adaptive, aperture-based image-guided radiotherapy strategy in intensity-modulated radiotherapy to correct for inter- and intrafractional rotations of the prostate. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 83, 1624-32	4	58
165	Adiponectin regulates contextual fear extinction and intrinsic excitability of dentate gyrus granule neurons through AdipoR2 receptors. <i>Molecular Psychiatry</i> , 2017 , 22, 1044-1055	15.1	56
164	Connexin 43 Mediates White Adipose Tissue Beiging by Facilitating the Propagation of Sympathetic Neuronal Signals. <i>Cell Metabolism</i> , 2016 , 24, 420-433	24.6	56
163	Adiponectin is essential for lipid homeostasis and survival under insulin deficiency and promotes βcell regeneration. <i>ELife</i> , 2014 , 3,	8.9	56
162	The Role of Proprotein Convertase Subtilisin/Kexin Type 9 in Nephrotic Syndrome-Associated Hypercholesterolemia. <i>Circulation</i> , 2016 , 134, 61-72	16.7	56

161	An adipo-biliary-uridine axis that regulates energy homeostasis. <i>Science</i> , 2017 , 355,	33.3	55
160	Adipose Tissue: A Safe Haven for Parasites?. <i>Trends in Parasitology</i> , 2017 , 33, 276-284	6.4	54
159	Adipocyte-Specific Deletion of Manganese Superoxide Dismutase Protects From Diet-Induced Obesity Through Increased Mitochondrial Uncoupling and Biogenesis. <i>Diabetes</i> , 2016 , 65, 2639-51	0.9	53
158	Leptin and cancer: from cancer stem cells to metastasis. <i>Endocrine-Related Cancer</i> , 2011 , 18, C25-9	5.7	52
157	Cellular Origins of Beige Fat Cells Revisited. <i>Diabetes</i> , 2019 , 68, 1874-1885	0.9	49
156	PPAR α in vagal neurons regulates high-fat diet induced thermogenesis. <i>Cell Metabolism</i> , 2014 , 19, 722-30	24.6	49
155	Adiponectin is an endogenous anti-fibrotic mediator and therapeutic target. <i>Scientific Reports</i> , 2017 , 7, 4397	4.9	46
154	Proteinuria Increases Plasma Phosphate by Altering Its Tubular Handling. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 1608-18	12.7	44
153	Relation of plasma ceramides to visceral adiposity, insulin resistance and the development of type 2 diabetes mellitus: the Dallas Heart Study. <i>Diabetologia</i> , 2018 , 61, 2570-2579	10.3	44
152	Extracellular vesicle-based interorgan transport of mitochondria from energetically stressed adipocytes. <i>Cell Metabolism</i> , 2021 , 33, 1853-1868.e11	24.6	44
151	Adiponectin decreases pulmonary arterial remodeling in murine models of pulmonary hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 340-7	5.7	43
150	Effects of adiponectin on calcium-handling proteins in heart failure with preserved ejection fraction. <i>Circulation: Heart Failure</i> , 2014 , 7, 976-85	7.6	41
149	Adiponectin potentiates the acute effects of leptin in arcuate Pomc neurons. <i>Molecular Metabolism</i> , 2016 , 5, 882-891	8.8	40
148	HDAC11 suppresses the thermogenic program of adipose tissue via BRD2. <i>JCI Insight</i> , 2018 , 3,	9.9	40
147	Heart Failure With Preserved Ejection Fraction Induces Beiging in Adipose Tissue. <i>Circulation: Heart Failure</i> , 2016 , 9, e002724	7.6	38
146	Adipose tissue fatty acid chain length and mono-unsaturation increases with obesity and insulin resistance. <i>Scientific Reports</i> , 2015 , 5, 18366	4.9	37
145	The adipokine/ceramide axis: key aspects of insulin sensitization. <i>Biochimie</i> , 2014 , 96, 130-9	4.6	37
144	Obesity and diabetes as comorbidities for COVID-19: Underlying mechanisms and the role of viral-bacterial interactions. <i>ELife</i> , 2020 , 9,	8.9	37

143	Dermal adipocytes and hair cycling: is spatial heterogeneity a characteristic feature of the dermal adipose tissue depot?. <i>Experimental Dermatology</i> , 2016 , 25, 258-62	4	37
142	Adiponectin alters renal calcium and phosphate excretion through regulation of klotho expression. <i>Kidney International</i> , 2017 , 91, 324-337	9.9	35
141	Differential binding of cross-reactive anti-DNA antibodies to mesangial cells: the role of alpha-actinin. <i>Journal of Immunology</i> , 2006 , 176, 7704-14	5.3	34
140	Skin aging: are adipocytes the next target?. <i>Aging</i> , 2016 , 8, 1457-69	5.6	34
139	Cyclin D1 Restrains Oncogene-Induced Autophagy by Regulating the AMPK-LKB1 Signaling Axis. <i>Cancer Research</i> , 2017 , 77, 3391-3405	10.1	33
138	Intermittent hypoxia exacerbates pancreatic β cell dysfunction in a mouse model of diabetes mellitus. <i>Sleep</i> , 2013 , 36, 1849-58	1.1	33
137	Conditional MitoTimer reporter mice for assessment of mitochondrial structure, oxidative stress, and mitophagy. <i>Mitochondrion</i> , 2019 , 44, 20-26	4.9	33
136	XBP1S Regulates MUC5B in a Promoter Variant-Dependent Pathway in Idiopathic Pulmonary Fibrosis Airway Epithelia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 220-234	10.2	31
135	ER α upregulates Phd3 to ameliorate HIF-1 induced fibrosis and inflammation in adipose tissue. <i>Molecular Metabolism</i> , 2014 , 3, 642-51	8.8	31
134	Adiponectin modulates ventral tegmental area dopamine neuron activity and anxiety-related behavior through AdipoR1. <i>Molecular Psychiatry</i> , 2019 , 24, 126-144	15.1	30
133	MitoNEET-dependent formation of intermitochondrial junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 8277-8282	11.5	30
132	Rgs16 and Rgs8 in embryonic endocrine pancreas and mouse models of diabetes. <i>DMM Disease Models and Mechanisms</i> , 2010 , 3, 567-80	4.1	30
131	Suppressing adipocyte inflammation promotes insulin resistance in mice. <i>Molecular Metabolism</i> , 2020 , 39, 101010	8.8	29
130	Effect of pioglitazone on plasma ceramides in adults with metabolic syndrome. <i>Diabetes/Metabolism Research and Reviews</i> , 2015 , 31, 734-44	7.5	29
129	Die Metamorphosen der AfD-Wähler: Von einer euroskeptischen Protestpartei zu einer (r)echten Alternative?. <i>Politische Vierteljahresschrift</i> , 2018 , 59, 433-461	0.4	28
128	Hepatocyte toll-like receptor 4 deficiency protects against alcohol-induced fatty liver disease. <i>Molecular Metabolism</i> , 2018 , 14, 121-129	8.8	27
127	Adipose HIF-1 α causes obesity by suppressing brown adipose tissue thermogenesis. <i>Journal of Molecular Medicine</i> , 2017 , 95, 287-297	5.5	27
126	Hepatocyte growth factor and the risk of ischemic stroke developing among postmenopausal women: results from the Women's Health Initiative. <i>Stroke</i> , 2010 , 41, 857-62	6.7	27

125	SF-1 expression in the hypothalamus is required for beneficial metabolic effects of exercise. <i>ELife</i> , 2016 , 5,	8.9	27
124	Skin aging as a mechanical phenomenon: The main weak links. <i>Nutrition and Healthy Aging</i> , 2018 , 4, 291-307		27
123	Vascular Endothelial Growth Factor-D (VEGF-D) Overexpression and Lymphatic Expansion in Murine Adipose Tissue Improves Metabolism in Obesity. <i>American Journal of Pathology</i> , 2019 , 189, 924-939	5.8	26
122	Cyclin and caveolin expression in an acute model of murine Chagasitic myocarditis. <i>Cell Cycle</i> , 2006 , 5, 107-12	4.7	26
121	Diffuse vesicular distribution of Rab3D in the polarized neuroendocrine cell line AtT-20. <i>FEBS Letters</i> , 1995 , 368, 271-5	3.8	26
120	Renal tubular cell spliced X-box binding protein 1 (Xbp1s) has a unique role in sepsis-induced acute kidney injury and inflammation. <i>Kidney International</i> , 2019 , 96, 1359-1373	9.9	25
119	Ceramides and cardiac function in children with chronic kidney disease. <i>Pediatric Nephrology</i> , 2014 , 29, 415-22	3.2	25
118	The anatomical basis for wrinkles. <i>Aesthetic Surgery Journal</i> , 2014 , 34, 227-34	2.4	25
117	Human endotrophin as a driver of malignant tumor growth. <i>JCI Insight</i> , 2019 , 5,	9.9	25
116	Short-Term Versus Long-Term Effects of Adipocyte Toll-Like Receptor 4 Activation on Insulin Resistance in Male Mice. <i>Endocrinology</i> , 2017 , 158, 1260-1270	4.8	24
115	Critical Role of Matrix Metalloproteinase 14 in Adipose Tissue Remodeling during Obesity. <i>Molecular and Cellular Biology</i> , 2020 , 40,	4.8	23
114	Serum Amyloid A3 Gene Expression in Adipocytes is an Indicator of the Interaction with Macrophages. <i>Scientific Reports</i> , 2016 , 6, 38697	4.9	23
113	Comparison of two different rectal spacers in prostate cancer external beam radiotherapy in terms of rectal sparing and volume consistency. <i>Radiotherapy and Oncology</i> , 2015 , 116, 221-5	5.3	22
112	Evolutionarily conserved role of calcineurin in phosphodegron-dependent degradation of phosphodiesterase 4D. <i>Molecular and Cellular Biology</i> , 2010 , 30, 4379-90	4.8	22
111	Peroxisome Proliferator-Activated Receptor α and Its Role in Adipocyte Homeostasis and Thiazolidinedione-Mediated Insulin Sensitization. <i>Molecular and Cellular Biology</i> , 2018 , 38,	4.8	21
110	Hyaluronan in adipose tissue: Beyond dermal filler and therapeutic carrier. <i>Science Translational Medicine</i> , 2016 , 8, 323ps4	17.5	21
109	Adiponectin protects against incident hypertension independent of body fat distribution: observations from the Dallas Heart Study. <i>Diabetes/Metabolism Research and Reviews</i> , 2017 , 33, e2840	7.5	21
108	The Role of Immature and Mature Adipocytes in Hair Cycling. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 93-105	8.8	21

107	Glucose-regulated protein 78 is essential for cardiac myocyte survival. <i>Cell Death and Differentiation</i> , 2018 , 25, 2181-2194	12.7	20
106	Partial leptin deficiency confers resistance to diet-induced obesity in mice. <i>Molecular Metabolism</i> , 2020 , 37, 100995	8.8	20
105	Adipocyte Xbp1s overexpression drives uridine production and reduces obesity. <i>Molecular Metabolism</i> , 2018 , 11, 1-17	8.8	19
104	Hyaluronan in adipogenesis, adipose tissue physiology and systemic metabolism. <i>Matrix Biology</i> , 2019 , 78-79, 284-291	11.4	19
103	Dapagliflozin suppresses glucagon signaling in rodent models of diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6611-6616	11.5	18
102	Caveolin-1 as a pathophysiological factor and target in psoriasis. <i>Npj Aging and Mechanisms of Disease</i> , 2019 , 5, 4	5.5	18
101	Adipose tissue: The dysfunctional adipocyte - a cancer cell's best friend. <i>Nature Reviews Endocrinology</i> , 2018 , 14, 132-134	15.2	18
100	SREBP-regulated adipocyte lipogenesis is dependent on substrate availability and redox modulation of mTORC1. <i>JCI Insight</i> , 2019 , 5,	9.9	18
99	COL6A3-derived endotrophin links reciprocal interactions among hepatic cells in the pathology of chronic liver disease. <i>Journal of Pathology</i> , 2019 , 247, 99-109	9.4	18
98	Adipocyte-myofibroblast transition as a possible pathophysiological step in androgenetic alopecia. <i>Experimental Dermatology</i> , 2017 , 26, 522-523	4	17
97	Spliced X-box Binding Protein 1 Stimulates Adaptive Growth Through Activation of mTOR. <i>Circulation</i> , 2019 , 140, 566-579	16.7	17
96	Associations of testosterone and sex hormone binding globulin with adipose tissue hormones in midlife women. <i>Obesity</i> , 2013 , 21, 629-36	8	17
95	Adipocytes in both brown and white adipose tissue of adult mice are functionally connected via gap junctions: implications for Chagas disease. <i>Microbes and Infection</i> , 2014 , 16, 893-901	9.3	17
94	Luminal protein sorting to the constitutive secretory pathway of a regulated secretory cell. <i>Journal of Cell Science</i> , 2006 , 119, 1833-42	5.3	17
93	Sex differences in adult rat insulin and glucose responses to arginine: programming effects of neonatal separation, hypoxia, and hypothermia. <i>Physiological Reports</i> , 2016 , 4, e12972	2.6	17
92	Dysregulation of Amyloid Precursor Protein Impairs Adipose Tissue Mitochondrial Function and Promotes Obesity. <i>Nature Metabolism</i> , 2019 , 1, 1243-1257	14.6	17
91	The Role of Ceramides in Diabetes and Cardiovascular Disease Regulation of Ceramides by Adipokines. <i>Frontiers in Endocrinology</i> , 2020 , 11, 569250	5.7	16
90	Are dermal adipocytes involved in psoriasis?. <i>Experimental Dermatology</i> , 2016 , 25, 812-3	4	16

89	Adipocyte Gs but not Gi signaling regulates whole-body glucose homeostasis. <i>Molecular Metabolism</i> , 2019 , 27, 11-21	8.8	16
88	Obesity dysregulates fasting-induced changes in glucagon secretion. <i>Journal of Endocrinology</i> , 2019 , 243, 149-160	4.7	16
87	Loss of the liver X receptor LXR β in peripheral sensory neurons modifies energy expenditure. <i>ELife</i> , 2015 , 4,	8.9	16
86	High-Phosphate Diet Induces Exercise Intolerance and Impairs Fatty Acid Metabolism in Mice. <i>Circulation</i> , 2019 , 139, 1422-1434	16.7	16
85	Caveolin-1 in skin aging - From innocent bystander to major contributor. <i>Ageing Research Reviews</i> , 2019 , 55, 100959	12	15
84	Lowering ceramides to overcome diabetes. <i>Science</i> , 2019 , 365, 319-320	33.3	15
83	Why does obesity cause diabetes?. <i>Cell Metabolism</i> , 2022 , 34, 11-20	24.6	15
82	General theory of skin reinforcement. <i>PLoS ONE</i> , 2017 , 12, e0182865	3.7	15
81	Retrograde Lymph Flow Leads to Chylothorax in Transgenic Mice with Lymphatic Malformations. <i>American Journal of Pathology</i> , 2017 , 187, 1984-1997	5.8	14
80	Peroxisome proliferator-activated receptor gamma agonists inhibit adipocyte expression of alpha1-acid glycoprotein. <i>Cell Biology International</i> , 2007 , 31, 586-91	4.5	14
79	Serum adiponectin is related to plasma high-density lipoprotein cholesterol but not to plasma insulin-concentration in healthy children: the FLVS II study. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 1171-6	12.7	14
78	Glucagon therapeutics: Dawn of a new era for diabetes care. <i>Diabetes/Metabolism Research and Reviews</i> , 2016 , 32, 660-665	7.5	14
77	Caveolin-1 as a target in prevention and treatment of hypertrophic scarring. <i>Npj Regenerative Medicine</i> , 2019 , 4, 9	15.8	13
76	Differential transendothelial transport of adiponectin complexes. <i>Cardiovascular Diabetology</i> , 2014 , 13, 47	8.7	13
75	Role of extracellular signal-regulated kinase 5 in adipocyte signaling. <i>Journal of Biological Chemistry</i> , 2014 , 289, 6311-22	5.4	13
74	Ablation of calcineurin A β reveals hyperlipidemia and signaling cross-talks with phosphodiesterases. <i>Journal of Biological Chemistry</i> , 2013 , 288, 3477-88	5.4	12
73	Dietary n-3 polyunsaturated fatty acids fail to reduce prostate tumorigenesis in the PB-ErbB-2 x Pten(+/-) preclinical mouse model. <i>Cell Cycle</i> , 2010 , 9, 1824-9	4.7	12
72	A feed-forward regulatory loop in adipose tissue promotes signaling by the hepatokine FGF21. <i>Genes and Development</i> , 2021 , 35, 133-146	12.6	12

71	Adipocyte iron levels impinge on a fat-gut crosstalk to regulate intestinal lipid absorption and mediate protection from obesity. <i>Cell Metabolism</i> , 2021 , 33, 1624-1639.e9	24.6	12
70	Hepatic GALE Regulates Whole-Body Glucose Homeostasis by Modulating Expression. <i>Diabetes</i> , 2017 , 66, 2789-2799	0.9	11
69	Management of cranial and craniofacial bone defects with prefabricated individual titanium implants: follow-up and evaluation of 166 patients with 169 titanium implants from 1994 to 2000. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2006 , 1, 197-203	3.9	10
68	The impact of endotrophin on the progression of chronic liver disease. <i>Experimental and Molecular Medicine</i> , 2020 , 52, 1766-1776	12.8	10
67	Intercellular and interorgan crosstalk through adipocyte extracellular vesicles. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021 , 1	10.5	10
66	Klotho regulation by albuminuria is dependent on ATF3 and endoplasmic reticulum stress. <i>FASEB Journal</i> , 2020 , 34, 2087-2104	0.9	9
65	Mitochondrial metabolism is a key regulator of the fibro-inflammatory and adipogenic stromal subpopulations in white adipose tissue. <i>Cell Stem Cell</i> , 2021 , 28, 702-717.e8	18	9
64	Preexisting and inducible endotoxemia as crucial contributors to the severity of COVID-19 outcomes. <i>PLoS Pathogens</i> , 2021 , 17, e1009306	7.6	9
63	Predominant expression of the mitochondrial dicarboxylate carrier in white adipose tissue. <i>Biochemical Journal</i> , 1999 , 344, 313	3.8	8
62	Role of ceramide-to-dihydroceramide ratios for insulin resistance and non-alcoholic fatty liver disease in humans. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	8
61	Alterations in pancreatic β cell function and <i>Trypanosoma cruzi</i> infection: evidence from human and animal studies. <i>Parasitology Research</i> , 2017 , 116, 827-838	2.4	7
60	Utility of Adipocyte Fractions in Fat Grafting in an Athymic Rat Model. <i>Aesthetic Surgery Journal</i> , 2018 , 38, 1363-1373	2.4	7
59	Isolation and quantitation of adiponectin higher order complexes. <i>Methods in Enzymology</i> , 2014 , 537, 243-59	1.7	7
58	Cross-linking reagents as tools for identifying components of the yeast mitochondrial protein import machinery. <i>Methods in Cell Biology</i> , 1991 , 34, 419-26	1.8	7
57	A Prospective Analysis of Plasma Adiponectin and Risk of Incident Cancer: The Dallas Heart Study. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2015 , 13, 873-8	7.3	7
56	Adiponectin preserves metabolic fitness during aging. <i>ELife</i> , 2021 , 10,	8.9	7
55	Dermal adipocytes contribute to the metabolic regulation of dermal fibroblasts. <i>Experimental Dermatology</i> , 2021 , 30, 102-111	4	7
54	Remodeling of Murine Mammary Adipose Tissue during Pregnancy, Lactation, and Involution. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2019 , 24, 207-212	2.4	6

53	Imaging Metabolically Active Fat: A Literature Review and Mechanistic Insights. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
52	Caveolin-1 as a possible target in the treatment for acne. <i>Experimental Dermatology</i> , 2020 , 29, 177-183	4	6
51	Caveolin as a Universal Target in Dermatology. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	6
50	Fibrosis-streaks and splatters: Some things are not always what they seem to be. <i>Obesity</i> , 2016 , 24, 552-3	3	6
49	Therapeutic vaccination using minimal HPV16 epitopes in a novel MHC-humanized murine HPV tumor model. <i>Onc Immunology</i> , 2019 , 8, e1524694	7.2	6
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