

Christian Wolfrum

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Version: 2024-04-28

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153
papers

7,721
citations

44
h-index

86
g-index

168
ext. papers

9,588
ext. citations

11.6
avg, IF

6.09
L-index

#	Paper	IF	Citations
153	Adipose-derived circulating miRNAs regulate gene expression in other tissues. <i>Nature</i> , 2017 , 542, 450-455	55.4	770
152	Mechanisms and optimization of in vivo delivery of lipophilic siRNAs. <i>Nature Biotechnology</i> , 2007 , 25, 1149-57	44.5	730
151	Bi-directional interconversion of brite and white adipocytes. <i>Nature Cell Biology</i> , 2013 , 15, 659-67	23.4	552
150	A family with severe insulin resistance and diabetes due to a mutation in AKT2. <i>Science</i> , 2004 , 304, 1325-33	33.3	439
149	Foxa2 regulates lipid metabolism and ketogenesis in the liver during fasting and in diabetes. <i>Nature</i> , 2004 , 432, 1027-32	50.4	308
148	Apolipoprotein M is required for prebeta-HDL formation and cholesterol efflux to HDL and protects against atherosclerosis. <i>Nature Medicine</i> , 2005 , 11, 418-22	50.5	258
147	Effects of obesity, diabetes and exercise on Fndc5 gene expression and irisin release in human skeletal muscle and adipose tissue: in vivo and in vitro studies. <i>Journal of Physiology</i> , 2014 , 592, 1091-107	3.9	239
146	A stromal cell population that inhibits adipogenesis in mammalian fat depots. <i>Nature</i> , 2018 , 559, 103-108	50.4	183
145	Insulin regulates the activity of forkhead transcription factor Hnf-3beta/Foxa-2 by Akt-mediated phosphorylation and nuclear/cytosolic localization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 11624-9	11.5	160
144	Phytanic acid activates the peroxisome proliferator-activated receptor alpha (PPARalpha) in sterol carrier protein 2-/ sterol carrier protein x-deficient mice. <i>Journal of Biological Chemistry</i> , 1999 , 274, 2766-72	5.4	136
143	Coactivation of Foxa2 through Pgc-1beta promotes liver fatty acid oxidation and triglyceride/VLDL secretion. <i>Cell Metabolism</i> , 2006 , 3, 99-110	24.6	134
142	Maternal high-fat diet in mice programs emotional behavior in adulthood. <i>Behavioural Brain Research</i> , 2012 , 233, 398-404	3.4	121
141	The origin and definition of brite versus white and classical brown adipocytes. <i>Adipocyte</i> , 2014 , 3, 4-9	3.2	116
140	Hemostasis, endothelial stress, inflammation, and the metabolic syndrome. <i>Seminars in Immunopathology</i> , 2018 , 40, 215-224	12	116
139	Regulation of apolipoprotein M gene expression by MODY3 gene hepatocyte nuclear factor-1alpha: haploinsufficiency is associated with reduced serum apolipoprotein M levels. <i>Diabetes</i> , 2003 , 52, 2989-95	0.9	108
138	Phytanic acid is ligand and transcriptional activator of murine liver fatty acid binding protein. <i>Journal of Lipid Research</i> , 1999 , 40, 708-714	6.3	96
137	Role of Foxa-2 in adipocyte metabolism and differentiation. <i>Journal of Clinical Investigation</i> , 2003 , 112, 345-56	15.9	95

136	Brown Fat AKT2 Is a Cold-Induced Kinase that Stimulates ChREBP-Mediated De Novo Lipogenesis to Optimize Fuel Storage and Thermogenesis. <i>Cell Metabolism</i> , 2018 , 27, 195-209.e6	24.6	93
135	snRNA-seq reveals a subpopulation of adipocytes that regulates thermogenesis. <i>Nature</i> , 2020 , 587, 98-102.4	22.4	92
134	Chronic high-fat diet impairs collecting lymphatic vessel function in mice. <i>PLoS ONE</i> , 2014 , 9, e94713	3.7	87
133	Interleukin-33-Activated Islet-Resident Innate Lymphoid Cells Promote Insulin Secretion through Myeloid Cell Retinoic Acid Production. <i>Immunity</i> , 2017 , 47, 928-942.e7	32.3	86
132	Plasma concentration of intestinal- and liver-FABP in neonates suffering from necrotizing enterocolitis and in healthy preterm neonates. <i>Molecular and Cellular Biochemistry</i> , 2002 , 239, 227-234	4.2	83
131	Rapid and body weight-independent improvement of endothelial and high-density lipoprotein function after Roux-en-Y gastric bypass: role of glucagon-like peptide-1. <i>Circulation</i> , 2015 , 131, 871-81	16.7	82
130	Regulation of adipocyte formation by GLP-1/GLP-1R signaling. <i>Journal of Biological Chemistry</i> , 2012 , 287, 6421-30	5.4	81
129	Variation of liver-type fatty acid binding protein content in the human hepatoma cell line HepG2 by peroxisome proliferators and antisense RNA affects the rate of fatty acid uptake. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999 , 1437, 194-201	5	77
128	Endothelial Lactate Controls Muscle Regeneration from Ischemia by Inducing M2-like Macrophage Polarization. <i>Cell Metabolism</i> , 2020 , 31, 1136-1153.e7	24.6	76
127	Adipogenesis and insulin sensitivity in obesity are regulated by retinoid-related orphan receptor gamma. <i>EMBO Molecular Medicine</i> , 2011 , 3, 637-51	12	76
126	Bmp4 Promotes a Brown to White-like Adipocyte Shift. <i>Cell Reports</i> , 2016 , 16, 2243-2258	10.6	73
125	Blockade of VEGF-C and VEGF-D modulates adipose tissue inflammation and improves metabolic parameters under high-fat diet. <i>Molecular Metabolism</i> , 2015 , 4, 93-105	8.8	68
124	Binding of fatty acids and peroxisome proliferators to orthologous fatty acid binding proteins from human, murine, and bovine liver. <i>Biochemistry</i> , 2000 , 39, 1469-74	3.2	67
123	An AMP-activated protein kinase-stabilizing peptide ameliorates adipose tissue wasting in cancer cachexia in mice. <i>Nature Medicine</i> , 2016 , 22, 1120-1130	50.5	63
122	Maternal overnutrition programs hedonic and metabolic phenotypes across generations through sperm tsRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10547-10556	11.5	62
121	Regulation of adaptive behaviour during fasting by hypothalamic Foxa2. <i>Nature</i> , 2009 , 462, 646-50	50.4	62
120	Cold-induced epigenetic programming of the sperm enhances brown adipose tissue activity in the offspring. <i>Nature Medicine</i> , 2018 , 24, 1372-1383	50.5	61
119	Peroxisome Proliferator Activated Receptor Gamma Controls Mature Brown Adipocyte Inducibility through Glycerol Kinase. <i>Cell Reports</i> , 2018 , 22, 760-773	10.6	60

118	Identification of the transcription factor ZEB1 as a central component of the adipogenic gene regulatory network. <i>ELife</i> , 2014 , 3, e03346	8.9	60
117	Harnessing a physiologic mechanism for siRNA delivery with mimetic lipoprotein particles. <i>Molecular Therapy</i> , 2012 , 20, 1582-9	11.7	57
116	Human brown adipose tissue is phenocopied by classical brown adipose tissue in physiologically humanized mice. <i>Nature Metabolism</i> , 2019 , 1, 830-843	14.6	55
115	Foxa2 activity increases plasma high density lipoprotein levels by regulating apolipoprotein M. <i>Journal of Biological Chemistry</i> , 2008 , 283, 16940-9	5.4	52
114	A Stat6/Pten Axis Links Regulatory T Cells with Adipose Tissue Function. <i>Cell Metabolism</i> , 2017 , 26, 475-492.e7	27.6	49
113	Branched chain fatty acids induce nitric oxide-dependent apoptosis in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 49319-25	5.4	48
112	Brown Adipose Crosstalk in Tissue Plasticity and Human Metabolism. <i>Endocrine Reviews</i> , 2020 , 41,	27.2	47
111	BATLAS: Deconvoluting Brown Adipose Tissue. <i>Cell Reports</i> , 2018 , 25, 784-797.e4	10.6	46
110	Subcutaneous adipose tissue zinc- α -glycoprotein is associated with adipose tissue and whole-body insulin sensitivity. <i>Obesity</i> , 2014 , 22, 1821-9	8	44
109	Plasma concentration of intestinal- and liver-FABP in neonates suffering from necrotizing enterocolitis and in healthy preterm neonates. <i>Molecular and Cellular Biochemistry</i> , 2002 , 239, 227-34	4.2	44
108	Adam17 Deficiency Promotes Atherosclerosis by Enhanced TNFR2 Signaling in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 247-257	9.4	42
107	Proteomic Analysis of Human Brown Adipose Tissue Reveals Utilization of Coupled and Uncoupled Energy Expenditure Pathways. <i>Scientific Reports</i> , 2016 , 6, 30030	4.9	42
106	Age-Induced Changes in White, Brite, and Brown Adipose Depots: A Mini-Review. <i>Gerontology</i> , 2018 , 64, 229-236	5.5	42
105	Inhibition of Mevalonate Pathway Prevents Adipocyte Browning in Mice and Men by Affecting Protein Prenylation. <i>Cell Metabolism</i> , 2019 , 29, 901-916.e8	24.6	37
104	Transcriptional cofactor TBLR1 controls lipid mobilization in white adipose tissue. <i>Cell Metabolism</i> , 2013 , 17, 575-85	24.6	35
103	The glucose-dependent insulinotropic polypeptide (GIP) regulates body weight and food intake via CNS-GIPR signaling. <i>Cell Metabolism</i> , 2021 , 33, 833-844.e5	24.6	35
102	Regulation of adipogenesis by paracrine factors from adipose stromal-vascular fraction - a link to fat depot-specific differences. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 1121-1131	5	33
101	Short-term feeding of a ketogenic diet induces more severe hepatic insulin resistance than an obesogenic high-fat diet. <i>Journal of Physiology</i> , 2018 , 596, 4597-4609	3.9	33

100	Experimental study of metal nanoparticle synthesis by an arc evaporation/condensation process. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	33
99	Liver ASK1 protects from non-alcoholic fatty liver disease and fibrosis. <i>EMBO Molecular Medicine</i> , 2019 , 11, e10124	12	30
98	Exercise-mimicking treatment fails to increase Fndc5 mRNA & irisin secretion in primary human myotubes. <i>Peptides</i> , 2014 , 56, 1-7	3.8	30
97	Structure-function relationships of HDL in diabetes and coronary heart disease. <i>JCI Insight</i> , 2020 , 5,	9.9	30
96	Transgenerational transmission of hedonic behaviors and metabolic phenotypes induced by maternal overnutrition. <i>Translational Psychiatry</i> , 2018 , 8, 195	8.6	29
95	Regulation of De Novo Adipocyte Differentiation Through Cross Talk Between Adipocytes and Preadipocytes. <i>Diabetes</i> , 2015 , 64, 4075-87	0.9	27
94	Bone morphogenic proteins signaling in adipogenesis and energy homeostasis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 915-23	5	27
93	Regulation of glycolysis in brown adipocytes by HIF-1. <i>Scientific Reports</i> , 2017 , 7, 4052	4.9	26
92	Decreased glibenclamide uptake in hepatocytes of hepatocyte nuclear factor-1alpha-deficient mice: a mechanism for hypersensitivity to sulfonylurea therapy in patients with maturity-onset diabetes of the young, type 3 (MODY3). <i>Diabetes</i> , 2002 , 51 Suppl 3, S343-8	0.9	26
91	Depot specific differences in the adipogenic potential of precursors are mediated by collagenous extracellular matrix and Flotillin 2-dependent signaling. <i>Molecular Metabolism</i> , 2016 , 5, 937-947	8.8	26
90	FGF21, energy expenditure and weight loss - How much brown fat do you need?. <i>Molecular Metabolism</i> , 2015 , 4, 605-9	8.8	23
89	TaqIA polymorphism in dopamine D2 receptor gene complicates weight maintenance in younger obese patients. <i>Nutrition</i> , 2012 , 28, 996-1001	4.8	23
88	The dual role of BMP4 in adipogenesis and metabolism. <i>Adipocyte</i> , 2017 , 6, 141-146	3.2	22
87	Transgenic overexpression of VEGF-C induces weight gain and insulin resistance in mice. <i>Scientific Reports</i> , 2016 , 6, 31566	4.9	22
86	Fatty acids as regulators of lipid metabolism. <i>European Journal of Lipid Science and Technology</i> , 2000 , 102, 746-762	3	21
85	Outdoor Temperature Influences Cold Induced Thermogenesis in Humans. <i>Frontiers in Physiology</i> , 2018 , 9, 1184	4.6	20
84	A Genetic Model to Study the Contribution of Brown and Brite Adipocytes to Metabolism. <i>Cell Reports</i> , 2020 , 30, 3424-3433.e4	10.6	19
83	Pristanic acid is activator of peroxisome proliferator activated receptor alpha. <i>European Journal of Lipid Science and Technology</i> , 2001 , 103, 75-80	3	19

82	TUSC5 regulates insulin-mediated adipose tissue glucose uptake by modulation of GLUT4 recycling. <i>Molecular Metabolism</i> , 2015 , 4, 795-810	8.8	18
81	Hepatic lipid composition differs between ob/ob and ob/+ control mice as determined by using in vivo localized proton magnetic resonance spectroscopy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012 , 25, 381-9	2.8	18
80	ASK1 inhibits browning of white adipose tissue in obesity. <i>Nature Communications</i> , 2020 , 11, 1642	17.4	17
79	Antioxidants protect against diabetes by improving glucose homeostasis in mouse models of inducible insulin resistance and obesity. <i>Diabetologia</i> , 2019 , 62, 2094-2105	10.3	17
78	Malfunctioning of adipocytes in obesity is linked to quantitative surfaceome changes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 1208-16	5	17
77	SRF and MKL1 Independently Inhibit Brown Adipogenesis. <i>PLoS ONE</i> , 2017 , 12, e0170643	3.7	17
76	Maternal overnutrition leads to cognitive and neurochemical abnormalities in C57BL/6 mice. <i>Nutritional Neuroscience</i> , 2019 , 22, 688-699	3.6	16
75	Anatomical Grading for Metabolic Activity of Brown Adipose Tissue. <i>PLoS ONE</i> , 2016 , 11, e0149458	3.7	15
74	ZFP30 promotes adipogenesis through the KAP1-mediated activation of a retrotransposon-derived Pparg2 enhancer. <i>Nature Communications</i> , 2019 , 10, 1809	17.4	14
73	Identification of chemotypes in bitter melon by metabolomics: a plant with potential benefit for management of diabetes in traditional Chinese medicine. <i>Metabolomics</i> , 2019 , 15, 104	4.7	14
72	Synthetic inositol phosphoglycans related to GPI lack insulin-mimetic activity. <i>ACS Chemical Biology</i> , 2010 , 5, 1075-86	4.9	14
71	A high-throughput, image-based screen to identify kinases involved in brown adipocyte development. <i>Science Signaling</i> , 2017 , 10,	8.8	12
70	Puerariae lobatae root extracts and the regulation of brown fat activity. <i>Phytomedicine</i> , 2019 , 64, 153075.5	17.5	12
69	Overexpression of cyclooxygenase-2 in adipocytes reduces fat accumulation in inguinal white adipose tissue and hepatic steatosis in high-fat fed mice. <i>Scientific Reports</i> , 2019 , 9, 8979	4.9	12
68	Novel Natural Products for Healthy Ageing from the Mediterranean Diet and Food Plants of Other Global Sources-The MediHealth Project. <i>Molecules</i> , 2018 , 23,	4.8	12
67	Increased Ifi202b/IFI16 expression stimulates adipogenesis in mice and humans. <i>Diabetologia</i> , 2018 , 61, 1167-1179	10.3	11
66	Chemical Synthesis of the 12 kDa Human Myokine Irisin by β -Ketoacid-Hydroxylamine (KAHA) Ligation. <i>Helvetica Chimica Acta</i> , 2016 , 99, 897-907	2	11
65	Longitudinal evaluation of hepatic lipid deposition and composition in ob/ob and ob/+ control mice. <i>NMR in Biomedicine</i> , 2013 , 26, 1079-88	4.4	11

64	Improved adipose tissue metabolism after 5-year growth hormone replacement therapy in growth hormone deficient adults: The role of zinc- α -glycoprotein. <i>Adipocyte</i> , 2015 , 4, 113-22	3.2	10
63	Adipose Tissue Stem Cells. <i>Handbook of Experimental Pharmacology</i> , 2016 , 233, 251-63	3.2	10
62	Effectiveness of a low-calorie weight loss program in moderately and severely obese patients. <i>Obesity Facts</i> , 2013 , 6, 469-80	5.1	10
61	Secretin activates brown fat and induces satiation. <i>Nature Metabolism</i> , 2021 , 3, 798-809	14.6	10
60	FGF-2-dependent signaling activated in aged human skeletal muscle promotes intramuscular adipogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	10
59	Sexual dimorphism in COVID-19: potential clinical and public health implications.. <i>Lancet Diabetes and Endocrinology</i> , 2022 ,	18.1	9
58	Environmental and Nutritional Effects Regulating Adipose Tissue Function and Metabolism Across Generations. <i>Advanced Science</i> , 2019 , 6, 1900275	13.6	8
57	Feeding brown fat: dietary phytochemicals targeting non-shivering thermogenesis to control body weight. <i>Proceedings of the Nutrition Society</i> , 2020 , 79, 338-356	2.9	8
56	Mildly compromised tetrahydrobiopterin cofactor biosynthesis due to Pts variants leads to unusual body fat distribution and abdominal obesity in mice. <i>Journal of Inherited Metabolic Disease</i> , 2016 , 39, 309-19	5.4	8
55	Further cadinene derivatives from <i>Heterotheca latifolia</i> . <i>Phytochemistry</i> , 1985 , 24, 1101-1103	4	8
54	Plasticity and heterogeneity of thermogenic adipose tissue. <i>Nature Metabolism</i> , 2021 , 3, 751-761	14.6	8
53	TRPC1 regulates brown adipose tissue activity in a PPAR α -dependent manner. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E825-E832	6	7
52	Transcriptional regulation of adipocyte formation by the liver receptor homologue 1 (Lrh1)-Small hetero-dimerization partner (Shp) network. <i>Molecular Metabolism</i> , 2013 , 2, 314-23	8.8	7
51	Adipokine zinc- α -glycoprotein regulated by growth hormone and linked to insulin sensitivity. <i>Obesity</i> , 2015 , 23, 322-8	8	7
50	Gene delivery to adipose tissue using transcriptionally targeted rAAV8 vectors. <i>PLoS ONE</i> , 2014 , 9, e116288	3.9	7
49	Proliferation of nutrition sensing preadipocytes upon short term HFD feeding. <i>Adipocyte</i> , 2019 , 8, 16-25	3.2	7
48	Synthese weiterer natürllich vorkommender 5-Methylcumarine. <i>Liebigs Annalen Der Chemie</i> , 1989 , 1989, 295-298		6
47	Novel insights into adipose tissue heterogeneity.. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021 , 23, 5	10.5	6

46	Peroxisomal Oxidation acts as a sensor for intracellular fatty acids and regulates lipolysis.. <i>Nature Metabolism</i> , 2021 , 3, 1648-1661	14.6	6
45	Quantification of adipocyte numbers following adipose tissue remodeling. <i>Cell Reports</i> , 2021 , 35, 109023	10.6	6
44	Cold Exposure Distinctively Modulates Parathyroid and Thyroid Hormones in Cold-Acclimatized and Non-Acclimatized Humans. <i>Endocrinology</i> , 2020 , 161,	4.8	6
43	Brown adipose tissue is the key depot for glucose clearance in microbiota depleted mice. <i>Nature Communications</i> , 2021 , 12, 4725	17.4	6
42	Adipocytes at the Core of Bone Function. <i>Cell Stem Cell</i> , 2017 , 20, 739-740	18	5
41	Lipidomic and metabolic changes in the P4-type ATPase ATP10D deficient C57BL/6J wild type mice upon rescue of ATP10D function. <i>PLoS ONE</i> , 2017 , 12, e0178368	3.7	5
40	Genetic modulation of the serotonergic pathway: influence on weight reduction and weight maintenance. <i>Genes and Nutrition</i> , 2013 ,	4.3	5
39	Hairless promotes PPAR α expression and is required for white adipogenesis. <i>EMBO Reports</i> , 2012 , 13, 1012-20	6.5	5
38	Relation of diet-induced thermogenesis to brown adipose tissue activity in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E93-E101	6	5
37	Plasma concentration of intestinal- and liver-FABP in neonates suffering from necrotizing enterocolitis and in healthy preterm neonates 2002 , 227-234		5
36	In-depth analysis of interreader agreement and accuracy in categorical assessment of brown adipose tissue in (18)FDG-PET/CT. <i>European Journal of Radiology</i> , 2017 , 91, 41-46	4.7	4
35	Liver ubiquitome uncovers nutrient-stress-mediated trafficking and secretion of complement C3. <i>Cell Death and Disease</i> , 2016 , 7, e2411	9.8	4
34	Effect of sex and bezafibrate on incorporation of blood borne palmitate into lipids of rat liver nuclei. <i>Molecular and Cellular Biochemistry</i> , 2000 , 214, 57-62	4.2	4
33	Single-nucleus RNA-Seq reveals a new type of brown adipocyte regulating thermogenesis		4
32	High-Throughput Single-Cell Mass Spectrometry Reveals Abnormal Lipid Metabolism in Pancreatic Ductal Adenocarcinoma. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24534-24542	16.4	4
31	Metabolomic Analysis Reveals Changes in Plasma Metabolites in Response to Acute Cold Stress and Their Relationships to Metabolic Health in Cold-Acclimatized Humans. <i>Metabolites</i> , 2021 , 11,	5.6	4
30	Reply to Confounding issues in the Humanized Brown fat of mice <i>Nature Metabolism</i> , 2020 , 2, 305-306	14.6	3
29	Weight Loss and Adipose Tissue Browning in Humans: The Chicken or the Egg?. <i>Trends in Endocrinology and Metabolism</i> , 2018 , 29, 450-452	8.8	3

28	Lessons from Cre-Mice and Indicator Mice. <i>Handbook of Experimental Pharmacology</i> , 2019 , 251, 37-54	3.2	3
27	A radical opposition in body weight control. <i>EMBO Molecular Medicine</i> , 2013 , 5, 1147-8	12	3
26	Quantitative trait locus mapping in mice identifies phospholipase Pla2g12a as novel atherosclerosis modifier. <i>Atherosclerosis</i> , 2017 , 265, 197-206	3.1	3
25	Identification of a regulatory pathway inhibiting adipogenesis via RSPO2.. <i>Nature Metabolism</i> , 2022 ,	14.6	3
24	GPR180 is a component of TGFβ signalling that promotes thermogenic adipocyte function and mediates the metabolic effects of the adipocyte-secreted factor CTHRC1. <i>Nature Communications</i> , 2021 , 12, 7144	17.4	3
23	ESRRG and PERM1 Govern Mitochondrial Conversion in Brite/Beige Adipocyte Formation. <i>Frontiers in Endocrinology</i> , 2020 , 11, 387	5.7	2
22	New horizons for future research - Critical issues to consider for maximizing research excellence and impact. <i>Molecular Metabolism</i> , 2018 , 14, 53-59	8.8	2
21	Optimization and scale-up of oligonucleotide synthesis in packed bed reactors using computational fluid dynamics modeling. <i>Biotechnology Progress</i> , 2014 , 30, 1048-56	2.8	2
20	Large-scale purification of oligonucleotides by extraction and precipitation with butanole. <i>Biotechnology and Bioengineering</i> , 2005 , 89, 551-5	4.9	2
19	Chlorophyll-derived fatty acids regulate expression of lipid metabolizing enzymes in liver - a nutritional opportunity. <i>Oleagineux Corps Gras Lipides</i> , 2001 , 8, 39-44		2
18	Low-dose F-FDG TOF-PET/MR for accurate quantification of brown adipose tissue in healthy volunteers. <i>EJNMMI Research</i> , 2020 , 10, 5	3.6	2
17	Brown fat does not cause cachexia in cancer patients: A large retrospective longitudinal FDG-PET/CT cohort study. <i>PLoS ONE</i> , 2020 , 15, e0239990	3.7	2
16	Asymmetric cell division shapes naive and virtual memory T-cell immunity during ageing. <i>Nature Communications</i> , 2021 , 12, 2715	17.4	2
15	Fueling the fire of adipose thermogenesis.. <i>Science</i> , 2022 , 375, 1229-1231	33.3	2
14	Phenotypic Analysis of BAT versus WAT Differentiation. <i>Current Protocols in Mouse Biology</i> , 2013 , 3, 205-16		1
13	The role of retinoids and their receptors in metabolic disorders. <i>European Journal of Lipid Science and Technology</i> , 2008 , 110, 191-205	3	1
12	Cross-Talk between Intracellular Lipid Binding Proteins and Ligand Activated Nuclear Receptors [A Signaling Pathway for Fatty Acids]267-283		1
11	Local acetate inhibits brown adipose tissue function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1

10	Functional diversity of human adipose tissue revealed by spatial mapping. <i>Nature Reviews Endocrinology</i> , 2021 , 17, 713-714	15.2	1
9	Free Thyroxine Levels are Associated with Cold Induced Thermogenesis in Healthy Euthyroid Individuals. <i>Frontiers in Endocrinology</i> , 2021 , 12, 666595	5.7	1
8	Creatine supplementation and thermogenesis in humans-a futile exercise?. <i>Nature Metabolism</i> , 2021 , 3, 9-10	14.6	1
7	Circadian patterns of energy metabolism are only partially reconstituted in gnotobiotic mice		1
6	Challenges in tackling energy expenditure as obesity therapy: From preclinical models to clinical application. <i>Molecular Metabolism</i> , 2021 , 51, 101237	8.8	1
5	LSD1 Makes Fat Colorful. <i>Trends in Endocrinology and Metabolism</i> , 2017 , 28, 1-2	8.8	0
4	Fluvastatin Reduces Glucose Tolerance in Healthy Young Individuals Independently of Cold Induced BAT Activity. <i>Frontiers in Endocrinology</i> , 2021 , 12, 765807	5.7	0
3	GHS-R in brown fat potentiates differential thermogenic responses under metabolic and thermal stresses. <i>PLoS ONE</i> , 2021 , 16, e0249420	3.7	0
2	GPR3 sets brown fat on fire. <i>Cell Metabolism</i> , 2021 , 33, 1271-1273	24.6	
1	Quantification of adipocyte numbers in transgenic mice via the Cre-LoxP recombination sites. <i>STAR Protocols</i> , 2021 , 2, 100761	1.4	