

# Christian Wolfrum

## List of Publications by Year in descending order

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156  
papers

11,066  
citations

34016

52  
h-index

33814

99  
g-index

168  
all docs

168  
docs citations

168  
times ranked

15812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipose-derived circulating miRNAs regulate gene expression in other tissues. <i>Nature</i> , 2017, 542, 450-455.	13.7	1,107
2	Mechanisms and optimization of in vivo delivery of lipophilic siRNAs. <i>Nature Biotechnology</i> , 2007, 25, 1149-1157.	9.4	854
3	Bi-directional interconversion of brite and white adipocytes. <i>Nature Cell Biology</i> , 2013, 15, 659-667.	4.6	666
4	A Family with Severe Insulin Resistance and Diabetes Due to a Mutation in AKT2. <i>Science</i> , 2004, 304, 1325-1328.	6.0	509
5	Foxa2 regulates lipid metabolism and ketogenesis in the liver during fasting and in diabetes. <i>Nature</i> , 2004, 432, 1027-1032.	13.7	372
6	Effects of obesity, diabetes and exercise on <i>Fndc5</i> gene expression and irisin release in human skeletal muscle and adipose tissue: <i>in vivo</i> and <i>in vitro</i> studies. <i>Journal of Physiology</i> , 2014, 592, 1091-1107.	1.3	329
7	A stromal cell population that inhibits adipogenesis in mammalian fat depots. <i>Nature</i> , 2018, 559, 103-108.	13.7	327
8	Apolipoprotein M is required for pre $\beta$ -HDL formation and cholesterol efflux to HDL and protects against atherosclerosis. <i>Nature Medicine</i> , 2005, 11, 418-422.	15.2	276
9	Endothelial Lactate Controls Muscle Regeneration from Ischemia by Inducing M2-like Macrophage Polarization. <i>Cell Metabolism</i> , 2020, 31, 1136-1153.e7.	7.2	233
10	snRNA-seq reveals a subpopulation of adipocytes that regulates thermogenesis. <i>Nature</i> , 2020, 587, 98-102.	13.7	221
11	Hemostasis, endothelial stress, inflammation, and the metabolic syndrome. <i>Seminars in Immunopathology</i> , 2018, 40, 215-224.	2.8	194
12	Insulin regulates the activity of forkhead transcription factor Hnf-3 $\beta$ /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, 11624-11629.	3.3	185
13	The origin and definition of brite versus white and classical brown adipocytes. <i>Adipocyte</i> , 2014, 3, 4-9.	1.3	157
14	Phytanic Acid Activates the Peroxisome Proliferator-activated Receptor $\beta$ (PPAR $\beta$ ) in Sterol Carrier Protein 2-/- Sterol Carrier Protein x-deficient Mice. <i>Journal of Biological Chemistry</i> , 1999, 274, 2766-2772.	1.6	156
15	Coactivation of Foxa2 through Pgc-1 $\beta$ promotes liver fatty acid oxidation and triglyceride/VLDL secretion. <i>Cell Metabolism</i> , 2006, 3, 99-110.	7.2	156
16	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.	7.2	151
17	Maternal high-fat diet in mice programs emotional behavior in adulthood. <i>Behavioural Brain Research</i> , 2012, 233, 398-404.	1.2	144
18	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.	7.2	128

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19	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.	6.6	123
20	Regulation of Apolipoprotein M Gene Expression by MODY3 Gene Hepatocyte Nuclear Factor-1 $\beta$ : Haploinsufficiency Is Associated With Reduced Serum Apolipoprotein M Levels. <i>Diabetes</i> , 2003, 52, 2989-2995.	0.3	121
21	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.	3.3	118
22	Role of Foxa-2 in adipocyte metabolism and differentiation. <i>Journal of Clinical Investigation</i> , 2003, 112, 345-356.	3.9	115
23	Phytanic acid is ligand and transcriptional activator of murine liver fatty acid binding protein. <i>Journal of Lipid Research</i> , 1999, 40, 708-714.	2.0	114
24	Chronic High-Fat Diet Impairs Collecting Lymphatic Vessel Function in Mice. <i>PLoS ONE</i> , 2014, 9, e94713.	1.1	113
25	Brown Adipose Crosstalk in Tissue Plasticity and Human Metabolism. <i>Endocrine Reviews</i> , 2020, 41, 53-65.	8.9	109
26	An AMP-activated protein kinase $\alpha$ -stabilizing peptide ameliorates adipose tissue wasting in cancer cachexia in mice. <i>Nature Medicine</i> , 2016, 22, 1120-1130.	15.2	106
27	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.	3.0	105
28	Rapid and Body Weight $\alpha$ -Independent Improvement of Endothelial and High-Density Lipoprotein Function After Roux-en-Y Gastric Bypass. <i>Circulation</i> , 2015, 131, 871-881.	1.6	103
29	Human brown adipose tissue is phenocopied by classical brown adipose tissue in physiologically humanized mice. <i>Nature Metabolism</i> , 2019, 1, 830-843.	5.1	103
30	Regulation of Adipocyte Formation by GLP-1/GLP-1R Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 6421-6430.	1.6	101
31	Identification of the transcription factor ZEB1 as a central component of the adipogenic gene regulatory network. <i>ELife</i> , 2014, 3, e03346.	2.8	101
32	Bmp4 Promotes a Brown to White-like Adipocyte $\alpha$ Shift. <i>Cell Reports</i> , 2016, 16, 2243-2258.	2.9	95
33	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2002, 239, 227-234.	1.4	91
34	BATLAS: Deconvoluting Brown Adipose Tissue. <i>Cell Reports</i> , 2018, 25, 784-797.e4.	2.9	89
35	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.	1.2	88
36	Adipogenesis and insulin sensitivity in obesity are regulated by retinoid $\alpha$ -related orphan receptor gamma. <i>EMBO Molecular Medicine</i> , 2011, 3, 637-651.	3.3	87

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37	Cold-induced epigenetic programming of the sperm enhances brown adipose tissue activity in the offspring. <i>Nature Medicine</i> , 2018, 24, 1372-1383.	15.2	87
38	Peroxisome Proliferator Activated Receptor Gamma Controls Mature Brown Adipocyte Inducibility through Glycerol Kinase. <i>Cell Reports</i> , 2018, 22, 760-773.	2.9	86
39	Sexual dimorphism in COVID-19: potential clinical and public health implications. <i>Lancet Diabetes and Endocrinology</i> , 2022, 10, 221-230.	5.5	78
40	Binding of Fatty Acids and Peroxisome Proliferators to Orthologous Fatty Acid Binding Proteins from Human, Murine, and Bovine Liver. <i>Biochemistry</i> , 2000, 39, 1469-1474.	1.2	74
41	A Stat6/Pten Axis Links Regulatory T Cells with Adipose Tissue Function. <i>Cell Metabolism</i> , 2017, 26, 475-492.e7.	7.2	71
42	Peroxisomal $\beta$ -oxidation acts as a sensor for intracellular fatty acids and regulates lipolysis. <i>Nature Metabolism</i> , 2021, 3, 1648-1661.	5.1	70
43	Regulation of adaptive behaviour during fasting by hypothalamic Foxa2. <i>Nature</i> , 2009, 462, 646-650.	13.7	68
44	Harnessing a Physiologic Mechanism for siRNA Delivery With Mimetic Lipoprotein Particles. <i>Molecular Therapy</i> , 2012, 20, 1582-1589.	3.7	65
45	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.	1.3	64
46	Foxa2 Activity Increases Plasma High Density Lipoprotein Levels by Regulating Apolipoprotein M. <i>Journal of Biological Chemistry</i> , 2008, 283, 16940-16949.	1.6	63
47	Structure-function relationships of HDL in diabetes and coronary heart disease. <i>JCI Insight</i> , 2020, 5, .	2.3	62
48	Subcutaneous adipose tissue zinc-alpha2-glycoprotein is associated with adipose tissue and whole-body insulin sensitivity. <i>Obesity</i> , 2014, 22, 1821-1829.	1.5	61
49	Age-Induced Changes in White, Brite, and Brown Adipose Depots: A Mini-Review. <i>Gerontology</i> , 2018, 64, 229-236.	1.4	61
50	Proteomic Analysis of Human Brown Adipose Tissue Reveals Utilization of Coupled and Uncoupled Energy Expenditure Pathways. <i>Scientific Reports</i> , 2016, 6, 30030.	1.6	60
51	Adam17 Deficiency Promotes Atherosclerosis by Enhanced TNFR2 Signaling in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 247-257.	1.1	59
52	Liver ASK1 protects from non-alcoholic fatty liver disease and fibrosis. <i>EMBO Molecular Medicine</i> , 2019, 11, e10124.	3.3	59
53	Inhibition of Mevalonate Pathway Prevents Adipocyte Browning in Mice and Men by Affecting Protein Prenylation. <i>Cell Metabolism</i> , 2019, 29, 901-916.e8.	7.2	59
54	Branched Chain Fatty Acids Induce Nitric Oxide-dependent Apoptosis in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 49319-49325.	1.6	57

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55	Transgenic overexpression of VEGF-C induces weight gain and insulin resistance in mice. <i>Scientific Reports</i> , 2016, 6, 31566.	1.6	52
56	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.	1.4	49
57	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.	1.2	47
58	Exercise-mimicking treatment fails to increase Fndc5 mRNA & irisin secretion in primary human myotubes. <i>Peptides</i> , 2014, 56, 1-7.	1.2	46
59	Regulation of glycolysis in brown adipocytes by HIF-1 $\alpha$ . <i>Scientific Reports</i> , 2017, 7, 4052.	1.6	46
60	Transcriptional Cofactor TBLR1 Controls Lipid Mobilization in White Adipose Tissue. <i>Cell Metabolism</i> , 2013, 17, 575-585.	7.2	41
61	Secretin activates brown fat and induces satiation. <i>Nature Metabolism</i> , 2021, 3, 798-809.	5.1	41
62	Transgenerational transmission of hedonic behaviors and metabolic phenotypes induced by maternal overnutrition. <i>Translational Psychiatry</i> , 2018, 8, 195.	2.4	39
63	Identification of a regulatory pathway inhibiting adipogenesis via RSPO2. <i>Nature Metabolism</i> , 2022, 4, 90-105.	5.1	39
64	Antioxidants protect against diabetes by improving glucose homeostasis in mouse models of inducible insulin resistance and obesity. <i>Diabetologia</i> , 2019, 62, 2094-2105.	2.9	38
65	Experimental study of metal nanoparticle synthesis by an arc evaporation/condensation process. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	37
66	Regulation of De Novo Adipocyte Differentiation Through Cross Talk Between Adipocytes and Preadipocytes. <i>Diabetes</i> , 2015, 64, 4075-4087.	0.3	33
67	Bone morphogenic proteins signaling in adipogenesis and energy homeostasis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 915-923.	1.2	31
68	A Genetic Model to Study the Contribution of Brown and Brite Adipocytes to Metabolism. <i>Cell Reports</i> , 2020, 30, 3424-3433.e4.	2.9	31
69	ASK1 inhibits browning of white adipose tissue in obesity. <i>Nature Communications</i> , 2020, 11, 1642.	5.8	31
70	High-Throughput Single-Cell Mass Spectrometry Reveals Abnormal Lipid Metabolism in Pancreatic Ductal Adenocarcinoma. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24534-24542.	7.2	31
71	TaqIA polymorphism in dopamine D2 receptor gene complicates weight maintenance in younger obese patients. <i>Nutrition</i> , 2012, 28, 996-1001.	1.1	30
72	FGF21, energy expenditure and weight loss – How much brown fat do you need?. <i>Molecular Metabolism</i> , 2015, 4, 605-609.	3.0	30

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73	The dual role of BMP4 in adipogenesis and metabolism. <i>Adipocyte</i> , 2017, 6, 141-146.	1.3	30
74	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.	1.4	30
75	ZFP30 promotes adipogenesis through the KAP1-mediated activation of a retrotransposon-derived Pparg2 enhancer. <i>Nature Communications</i> , 2019, 10, 1809.	5.8	30
76	FGF-2â€“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, .	3.3	30
77	Fueling the fire of adipose thermogenesis. <i>Science</i> , 2022, 375, 1229-1231.	6.0	30
78	Decreased Glibenclamide Uptake in Hepatocytes of Hepatocyte Nuclear Factor-1Îˆ-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, S343-S348.	0.3	29
79	TUSC5 regulates insulin-mediated adipose tissue glucose uptake by modulation of GLUT4 recycling. <i>Molecular Metabolism</i> , 2015, 4, 795-810.	3.0	29
80	Depot specific differences in the adipogenic potential of precursors are mediated by collagenous extracellular matrix and Flotillin 2Îˆdependent signaling. <i>Molecular Metabolism</i> , 2016, 5, 937-947.	3.0	29
81	Plasticity and heterogeneity of thermogenic adipose tissue. <i>Nature Metabolism</i> , 2021, 3, 751-761.	5.1	29
82	Outdoor Temperature Influences Cold Induced Thermogenesis in Humans. <i>Frontiers in Physiology</i> , 2018, 9, 1184.	1.3	28
83	Challenges in tackling energy expenditure as obesity therapy: From preclinical models to clinical application. <i>Molecular Metabolism</i> , 2021, 51, 101237.	3.0	27
84	Brown adipose tissue is the key depot for glucose clearance in microbiota depleted mice. <i>Nature Communications</i> , 2021, 12, 4725.	5.8	25
85	Fatty acids as regulators of lipid metabolism. <i>European Journal of Lipid Science and Technology</i> , 2000, 102, 746-762.	1.0	24
86	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, 381-389.	1.1	24
87	Maternal overnutrition leads to cognitive and neurochemical abnormalities in C57BL/6 mice. <i>Nutritional Neuroscience</i> , 2019, 22, 688-699.	1.5	23
88	SRF and MKL1 Independently Inhibit Brown Adipogenesis. <i>PLoS ONE</i> , 2017, 12, e0170643.	1.1	23
89	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.	1.6	22
90	Novel insights into adipose tissue heterogeneity. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2022, 23, 5-12.	2.6	22

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91	Increased Irf202b/IFI16 expression stimulates adipogenesis in mice and humans. <i>Diabetologia</i> , 2018, 61, 1167-1179.	2.9	21
92	Pristanic acid is activator of peroxisome proliferator activated receptor alpha. <i>European Journal of Lipid Science and Technology</i> , 2001, 103, 75-80.	1.0	20
93	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, 1208-1216.	1.2	20
94	Anatomical Grading for Metabolic Activity of Brown Adipose Tissue. <i>PLoS ONE</i> , 2016, 11, e0149458.	1.1	20
95	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.	1.8	20
96	<i>Puerariae lobatae</i> root extracts and the regulation of brown fat activity. <i>Phytomedicine</i> , 2019, 64, 153075.	2.3	19
97	Feeding brown fat: dietary phytochemicals targeting non-shivering thermogenesis to control body weight. <i>Proceedings of the Nutrition Society</i> , 2020, 79, 338-356.	0.4	19
98	Asymmetric cell division shapes naive and virtual memory T-cell immunity during ageing. <i>Nature Communications</i> , 2021, 12, 2715.	5.8	19
99	Environmental and Nutritional Effects Regulating Adipose Tissue Function and Metabolism Across Generations. <i>Advanced Science</i> , 2019, 6, 1900275.	5.6	18
100	Synthetic Inositol Phosphoglycans Related to GPI Lack Insulin-Mimetic Activity. <i>ACS Chemical Biology</i> , 2010, 5, 1075-1086.	1.6	17
101	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.	1.1	17
102	A high-throughput, image-based screen to identify kinases involved in brown adipocyte development. <i>Science Signaling</i> , 2017, 10, .	1.6	16
103	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, 1097.	1.7	16
104	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.	1.1	16
105	Cold Exposure Distinctively Modulates Parathyroid and Thyroid Hormones in Cold-Acclimatized and Non-Acclimatized Humans. <i>Endocrinology</i> , 2020, 161, .	1.4	16
106	Effectiveness of a Low-Calorie Weight Loss Program in Moderately and Severely Obese Patients. <i>Obesity Facts</i> , 2013, 6, 469-480.	1.6	15
107	Proliferation of nutrition sensing preadipocytes upon short term HFD feeding. <i>Adipocyte</i> , 2019, 8, 16-25.	1.3	15
108	Local acetate inhibits brown adipose tissue function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15

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109	TRPC1 regulates brown adipose tissue activity in a PPAR $\beta$ -dependent manner. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E825-E832.	1.8	14
110	GPR180 is a component of TGF $\beta$ 2 signalling that promotes thermogenic adipocyte function and mediates the metabolic effects of the adipocyte-secreted factor CTHRC1. <i>Nature Communications</i> , 2021, 12, 7144.	5.8	14
111	Longitudinal evaluation of hepatic lipid deposition and composition in ob/ob and ob/+ control mice. <i>NMR in Biomedicine</i> , 2013, 26, 1079-1088.	1.6	13
112	Improved adipose tissue metabolism after 5-year growth hormone replacement therapy in growth hormone deficient adults: The role of zinc- $\alpha$ 2-glycoprotein. <i>Adipocyte</i> , 2015, 4, 113-122.	1.3	12
113	Chemical Synthesis of the 12 $\alpha$ -Human Myokine Irisin by $\alpha$ -Ketoacid-Hydroxylamine (KAHA) Ligation. <i>Helvetica Chimica Acta</i> , 2016, 99, 897-907.	1.0	12
114	Quantitative trait locus mapping in mice identifies phospholipase Pla2g12a as novel atherosclerosis modifier. <i>Atherosclerosis</i> , 2017, 265, 197-206.	0.4	12
115	Quantification of adipocyte numbers following adipose tissue remodeling. <i>Cell Reports</i> , 2021, 35, 109023.	2.9	12
116	Further cadinene derivatives from <i>Heterotheca latifolia</i> . <i>Phytochemistry</i> , 1985, 24, 1101-1103.	1.4	11
117	Adipose Tissue Stem Cells. <i>Handbook of Experimental Pharmacology</i> , 2015, 233, 251-263.	0.9	11
118	Transcriptional regulation of adipocyte formation by the liver receptor homologue 1 (Lrh1)-Small hetero-dimerization partner (Shp) network. <i>Molecular Metabolism</i> , 2013, 2, 314-323.	3.0	10
119	Mildly compromised tetrahydrobiopterin cofactor biosynthesis due to $\alpha$ -variants leads to unusual body fat distribution and abdominal obesity in mice. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 309-319.	1.7	10
120	Gene Delivery to Adipose Tissue Using Transcriptionally Targeted rAAV8 Vectors. <i>PLoS ONE</i> , 2014, 9, e116288.	1.1	10
121	Adipokine zinc- $\alpha$ 2-glycoprotein regulated by growth hormone and linked to insulin sensitivity. <i>Obesity</i> , 2015, 23, 322-328.	1.5	9
122	Plasma concentration of intestinal- and liver-FABP in neonates suffering from necrotizing enterocolitis and in healthy preterm neonates. , 2002, , 227-234.		9
123	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, 619.	1.3	8
124	Synthese weiterer nat $\ddot{u}$ rllich vorkommender 5-Methylcumarine. <i>Liebigs Annalen Der Chemie</i> , 1989, 1989, 295-298.	0.8	7
125	ESRRG and PERM1 Govern Mitochondrial Conversion in Brite/Beige Adipocyte Formation. <i>Frontiers in Endocrinology</i> , 2020, 11, 387.	1.5	7
126	Reply to "Confounding issues in the "humanized" brown fat of mice". <i>Nature Metabolism</i> , 2020, 2, 305-306.	5.1	7



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127	Low-dose 18F-FDG TOF-PET/MR for accurate quantification of brown adipose tissue in healthy volunteers. <i>EJNMMI Research</i> , 2020, 10, 5.	1.1	7
128	Hairless promotes PPAR $\beta$ expression and is required for white adipogenesis. <i>EMBO Reports</i> , 2012, 13, 1012-1020.	2.0	6
129	Adipocytes at the Core of Bone Function. <i>Cell Stem Cell</i> , 2017, 20, 739-740.	5.2	6
130	In-depth analysis of interreader agreement and accuracy in categorical assessment of brown adipose tissue in (18)F-FDG-PET/CT. <i>European Journal of Radiology</i> , 2017, 91, 41-46.	1.2	6
131	Lessons from Cre-Mice and Indicator Mice. <i>Handbook of Experimental Pharmacology</i> , 2018, 251, 37-54.	0.9	6
132	Free Thyroxine Levels are Associated with Cold Induced Thermogenesis in Healthy Euthyroid Individuals. <i>Frontiers in Endocrinology</i> , 2021, 12, 666595.	1.5	6
133	Genetic modulation of the serotonergic pathway: influence on weight reduction and weight maintenance. <i>Genes and Nutrition</i> , 2013, 8, 601-610.	1.2	5
134	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.	1.4	4
135	Liver ubiquitome uncovers nutrient-stress-mediated trafficking and secretion of complement C3. <i>Cell Death and Disease</i> , 2016, 7, e2411-e2411.	2.7	4
136	Weight Loss and Adipose Tissue Browning in Humans: The Chicken or the Egg?. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 450-452.	3.1	4
137	A radical opposition in body weight control. <i>EMBO Molecular Medicine</i> , 2013, 5, 1147-1148.	3.3	3
138	Phenotypic Analysis of BAT versus WAT Differentiation. <i>Current Protocols in Mouse Biology</i> , 2013, 3, 205-216.	1.2	3
139	New horizons for future research – Critical issues to consider for maximizing research excellence and impact. <i>Molecular Metabolism</i> , 2018, 14, 53-59.	3.0	3
140	Statins: benefits and risks revisited. <i>Aging</i> , 2019, 11, 4300-4302.	1.4	3
141	Functional diversity of human adipose tissue revealed by spatial mapping. <i>Nature Reviews Endocrinology</i> , 2021, 17, 713-714.	4.3	3
142	A $\beta$ -replace me™ signal from dying brown fat fires up weight loss. <i>Nature</i> , 2022, 609, 252-253.	18.7	3
143	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.	0.2	2
144	Large-scale purification of oligonucleotides by extraction and precipitation with butanole. <i>Biotechnology and Bioengineering</i> , 2005, 89, 551-555.	1.7	2

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145	Optimization and scale-up of oligonucleotide synthesis in packed bed reactors using computational fluid dynamics modeling. <i>Biotechnology Progress</i> , 2014, 30, 1048-1056.	1.3	2
146	LSD1 Makes Fat Colorful. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 1-2.	3.1	2
147	Fat cells with a sweet tooth. <i>Nature</i> , 2019, 565, 167-168.	13.7	2
148	GHS-R in brown fat potentiates differential thermogenic responses under metabolic and thermal stresses. <i>PLoS ONE</i> , 2021, 16, e0249420.	1.1	2
149	Fluvastatin Reduces Glucose Tolerance in Healthy Young Individuals Independently of Cold Induced BAT Activity. <i>Frontiers in Endocrinology</i> , 2021, 12, 765807.	1.5	2
150	Cross-Talk between Intracellular Lipid Binding Proteins and Ligand Activated Nuclear Receptors – A Signaling Pathway for Fatty Acids. , 0, , 267-283.		1
151	The role of retinoids and their receptors in metabolic disorders. <i>European Journal of Lipid Science and Technology</i> , 2008, 110, 191-205.	1.0	1
152	Creatine supplementation and thermogenesis in humans – a futile exercise?. <i>Nature Metabolism</i> , 2021, 3, 9-10.	5.1	1
153	SORLA is required for insulin-induced expansion of the adipocyte precursor pool in visceral fat. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	1
154	GPR3 sets brown fat on fire. <i>Cell Metabolism</i> , 2021, 33, 1271-1273.	7.2	0
155	Quantification of adipocyte numbers in transgenic mice via the Cre-LoxP recombination sites. <i>STAR Protocols</i> , 2021, 2, 100761.	0.5	0
156	The Glucose-Dependent Insulinotropic Polypeptide (GIP) Regulates Body Weight and Food Intake Via CNS-GIPR Signaling. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0