Matthias BlÃ¼her

List of Publications by Year
in descending order

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Version: 2024-02-01

		4388	3034
355	40,869	86	188
papers	citations	h-index	g-index

371	371	371	52171
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiomics reveal unique signatures of human epiploic adipose tissue related to systemic insulin resistance. Gut, 2022, 71, 2179-2193.	12.1	12
2	Diet-induced Fasting Ghrelin Elevation Reflects the Recovery of Insulin Sensitivity and Visceral Adiposity Regression. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 336-345.	3.6	11
3	Interplay between adipose tissue secreted proteins, eating behavior and obesity. European Journal of Nutrition, 2022, 61, 885-899.	3.9	8
4	Anti-obesity drug discovery: advances and challenges. Nature Reviews Drug Discovery, 2022, 21, 201-223.	46.4	357
5	The effect of a high-polyphenol Mediterranean diet (Green-MED) combined with physical activity on age-related brain atrophy: the Dietary Intervention Randomized Controlled Trial Polyphenols Unprocessed Study (DIRECT PLUS). American Journal of Clinical Nutrition, 2022, 115, 1270-1281.	4.7	27
6	Impairment of gut microbial biotin metabolism and host biotin status in severe obesity: effect of biotin and prebiotic supplementation on improved metabolism. Gut, 2022, 71, 2463-2480.	12.1	53
7	An antisense transcript transcribed from Irs2 locus contributes to the pathogenesis of hepatic steatosis in insulin resistance. Cell Chemical Biology, 2022, , .	5.2	2
8	Identification of a regulatory pathway inhibiting adipogenesis via RSPO2. Nature Metabolism, 2022, 4, 90-105.	11.9	39
9	A macrophage-hepatocyte glucocorticoid receptor axis coordinates fasting ketogenesis. Cell Metabolism, 2022, 34, 473-486.e9.	16.2	34
10	Adipsin Serum Concentrations and Adipose Tissue Expression in People with Obesity and Type 2 Diabetes. International Journal of Molecular Sciences, 2022, 23, 2222.	4.1	14
11	Ramipril Reduces Acylcarnitines and Distinctly Increases Angiotensin-Converting Enzyme 2 Expression in Lungs of Rats. Metabolites, 2022, 12, 293.	2.9	2
12	Functional predictors of treatment induced diabetic neuropathy (TIND): a prospective pilot study using clinical and neurophysiological functional tests. Diabetology and Metabolic Syndrome, 2022, 14, 35.	2.7	2
13	Managing weight and glycaemic targets in people with type 2 diabetesâ€"How far have we come?. Endocrinology, Diabetes and Metabolism, 2022, 5, e00330.	2.4	9
14	Hepatocyte-specific activity of TSC22D4 triggers progressive NAFLD by impairing mitochondrial function. Molecular Metabolism, 2022, 60, 101487.	6.5	3
15	Report from the CVOT Summit 2021: new cardiovascular, renal, and glycemic outcomes. Cardiovascular Diabetology, 2022, 21, 50.	6.8	8
16	TNFÎ± Mediates Inflammation-Induced Effects on PPARG Splicing in Adipose Tissue and Mesenchymal Precursor Cells. Cells, 2022, 11, 42.	4.1	6
17	Di-(2-ethylhexyl) phthalate substitutes accelerate human adipogenesis through PPARÎ³ activation and cause oxidative stress and impaired metabolic homeostasis in mature adipocytes. Environment International, 2022, 164, 107279.	10.0	19
18	Obesity Hinders the Protective Effect of Selenite Supplementation on Insulin Signaling. Antioxidants, 2022, 11, 862.	5.1	8

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19	Changes in Circulating miR-375-3p and Improvements in Visceral and Hepatic Fat Contents in Response to Lifestyle Interventions: The CENTRAL Trial. Diabetes Care, 2022, 45, 1911-1913.	8.6	3
20	Intrinsic Exercise Capacity Affects Glycine and Angiotensin-Converting Enzyme 2 (ACE2) Levels in Sedentary and Exercise Trained Rats. Metabolites, 2022, 12, 548.	2.9	2
21	Remission of obesity and insulin resistance is not sufficient to restore mitochondrial homeostasis in visceral adipose tissue. Redox Biology, 2022, 54, 102353.	9.0	14
22	DNA methylation patterns reflect individual's lifestyle independent of obesity. Clinical and Translational Medicine, 2022, 12, .	4.0	13
23	The adipokine WISP1 is decreased in human and murine chronic kidney disease due to urinary and dialysate losses. Diabetologie Und Stoffwechsel, 2022, , .	0.0	0
24	Leptin inhibits endothelial-to mesenchymal transition in lipodystrophic mice and in endothelial cells. Diabetologie Und Stoffwechsel, 2022, , .	0.0	0
25	Apoptotic brown adipocytes enhance energy expenditure via extracellular inosine. Nature, 2022, 609, 361-368.	27.8	53
26	The Common H202D Variant in GDF-15 Does Not Affect Its Bioactivity but Can Significantly Interfere with Measurement of Its Circulating Levels. journal of applied laboratory medicine, The, 2022, 7, 1388-1400.	1.3	8
27	Multinucleated Giant Cells in Adipose Tissue Are Specialized in Adipocyte Degradation. Diabetes, 2021, 70, 538-548.	0.6	18
28	Identification of a novel leptin receptor (LEPR) variant and proof of functional relevance directing treatment decisions in patients with morbid obesity. Metabolism: Clinical and Experimental, 2021, 116, 154438.	3.4	17
29	Reduced lipolysis in lipoma phenocopies lipid accumulation in obesity. International Journal of Obesity, 2021, 45, 565-576.	3.4	14
30	Circulating cell adhesion molecules in metabolically healthy obesity. International Journal of Obesity, 2021, 45, 331-336.	3.4	19
31	Effects of Diet-Modulated Autologous Fecal Microbiota Transplantation on Weight Regain. Gastroenterology, 2021, 160, 158-173.e10.	1.3	95
32	Role of the Neutral Amino Acid Transporter SLC7A10 in Adipocyte Lipid Storage, Obesity, and Insulin Resistance. Diabetes, 2021, 70, 680-695.	0.6	21
33	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	12.8	87
34	Emerging Role of Bone Morphogenetic Protein 4 in Metabolic Disorders. Diabetes, 2021, 70, 303-312.	0.6	18
35	Effect of green-Mediterranean diet on intrahepatic fat: the DIRECT PLUS randomised controlled trial. Gut, 2021, 70, 2085-2095.	12.1	120
36	A novel compound heterozygous leptin receptor mutation causes more severe obesity than in Lepr mice. Journal of Lipid Research, 2021, 62, 100105.	4.2	5

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37	Does C-C Motif Chemokine Ligand 2 (CCL2) Link Obesity to a Pro-Inflammatory State?. International Journal of Molecular Sciences, 2021, 22, 1500.	4.1	34
38	Treatment-Induced Neuropathy in Diabetes (TIND)â€"Developing a Disease Model in Type 1 Diabetic Rats. International Journal of Molecular Sciences, 2021, 22, 1571.	4.1	6
39	Tart Cherry Juice and Seeds Affect Pro-Inflammatory Markers in Visceral Adipose Tissue of High-Fat Diet Obese Rats. Molecules, 2021, 26, 1403.	3.8	14
40	Liver alanine catabolism promotes skeletal muscle atrophy and hyperglycaemia in type 2 diabetes. Nature Metabolism, 2021, 3, 394-409.	11.9	48
41	Lifestyle weight-loss intervention may attenuate methylation aging: the CENTRAL MRI randomized controlled trial. Clinical Epigenetics, 2021, 13, 48.	4.1	22
42	Active integrins regulate white adipose tissue insulin sensitivity and brown fat thermogenesis. Molecular Metabolism, 2021, 45, 101147.	6.5	30
43	Effects of Whole-Body Adenylyl Cyclase 5 (Adcy5) Deficiency on Systemic Insulin Sensitivity and Adipose Tissue. International Journal of Molecular Sciences, 2021, 22, 4353.	4.1	6
44	Contribution of Adipose Tissue Oxidative Stress to Obesity-Associated Diabetes Risk and Ethnic Differences: Focus on Women of African Ancestry. Antioxidants, 2021, 10, 622.	5.1	19
45	HAND2 is a novel obesity-linked adipogenic transcription factor regulated by glucocorticoid signalling. Diabetologia, 2021, 64, 1850-1865.	6.3	10
46	Orphan GPR116 mediates the insulin sensitizing effects of the hepatokine FNDC4 in adipose tissue. Nature Communications, 2021, 12, 2999.	12.8	22
47	Exposure to endocrine-disrupting compounds such as phthalates and bisphenol A is associated with an increased risk for obesity. Best Practice and Research in Clinical Endocrinology and Metabolism, 2021, 35, 101546.	4.7	31
48	Effects of lifestyle interventions on epigenetic signatures of liver fat: Central randomized controlled trial. Liver International, 2021, 41, 2101-2111.	3.9	15
49	Retinol-binding protein 4 in obesity and metabolic dysfunctions. Molecular and Cellular Endocrinology, 2021, 531, 111312.	3.2	37
50	Leptin Improves Parameters of Brown Adipose Tissue Thermogenesis in Lipodystrophic Mice. Nutrients, 2021, 13, 2499.	4.1	4
51	Activation of Endogenous H₂S Biosynthesis or Supplementation with Exogenous H₂S Enhances Adipose Tissue Adipogenesis and Preserves Adipocyte Physiology in Humans. Antioxidants and Redox Signaling, 2021, 35, 319-340.	5.4	18
52	Oncostatin M suppresses browning of white adipocytes via gp130-STAT3 signaling. Molecular Metabolism, 2021, 54, 101341.	6.5	4
53	Adipose expression of CREB3L3 modulates body weight during obesity. Scientific Reports, 2021, 11, 19400.	3.3	2
54	Obesityâ€"An Update on the Basic Pathophysiology and Review of Recent Therapeutic Advances. Biomolecules, 2021, 11, 1426.	4.0	35

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55	AdipoAtlas: A reference lipidome for human white adipose tissue. Cell Reports Medicine, 2021, 2, 100407.	6.5	60
56	Role of Kallikrein 7 in Body Weight and Fat Mass Regulation. Biomedicines, 2021, 9, 131.	3.2	6
57	Genetic Variation in Sodiumâ€glucose Cotransporter 2 and Heart Failure. Clinical Pharmacology and Therapeutics, 2021, 110, 149-158.	4.7	11
58	Obesity and Diabetes. Experimental and Clinical Endocrinology and Diabetes, 2021, 129, S44-S51.	1.2	5
59	The effect of green Mediterranean diet on cardiometabolic risk; a randomised controlled trial. Heart, 2021, 107, 1054-1061.	2.9	35
60	37â€ƒDNA methylation pattern in blood may reflect individualsâ€™ daily lifestyle. Adipositas - Ursachen Folgeerkrankungen Therapie, 2021, 15, .	0.2	0
61	Inflammatory Mechanisms in the Pathophysiology of Diabetic Peripheral Neuropathy (DN)â€”New Aspects. International Journal of Molecular Sciences, 2021, 22, 10835.	4.1	33
62	STE20-type kinase TAOK3 regulates hepatic lipid partitioning. Molecular Metabolism, 2021, 54, 101353.	6.5	10
63	Leptin counteracts hypothermia in hypothyroidism through its pyrexic effects and by stabilizing serum thyroid hormone levels. Molecular Metabolism, 2021, 54, 101348.	6.5	9
64	The Effect of Weight-Loss Interventions on Cervical and Chin Subcutaneous Fat Depots; the CENTRAL Randomized Controlled Trial. Nutrients, 2021, 13, 3827.	4.1	0
65	Phenotype-tissue expression and exploration (PTEE) resource facilitates the choice of tissue for RNA-seq-based clinical genetics studies. BMC Genomics, 2021, 22, 802.	2.8	8
66	SORLA is required for insulin-induced expansion of the adipocyte precursor pool in visceral fat. Journal of Cell Biology, 2021, 220, .	5.2	1
67	Deletion of pancreas-specific miR-216a reduces beta-cell mass and inhibits pancreatic cancer progression in mice. Cell Reports Medicine, 2021, 2, 100434.	6.5	10
68	Adipokines. , 2021, , 54-65.		0
69	m6A Regulators in Human Adipose Tissue - Depot-Specificity and Correlation With Obesity. Frontiers in Endocrinology, 2021, 12, 778875.	3.5	7
70	Increased circulating cell-free DNA in insulin resistance. Diabetes and Metabolism, 2020, 46, 249-252.	2.9	5
71	Interleukin-15 and irisin serum concentrations are not related to cardiometabolic risk factors in patients with type 2 diabetes from Korea and Germany. Acta Diabetologica, 2020, 57, 381-384.	2.5	2
72	A tissueâ€specific screen of ceramide expression in aged mice identifies ceramide synthaseâ€1 and ceramide synthaseâ€5 as potential regulators of fiber size and strength in skeletal muscle. Aging Cell, 2020, 19, e13049.	6.7	18

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73	Tamoxifen treatment causes early hepatic insulin resistance. Acta Diabetologica, 2020, 57, 495-498.	2.5	6
74	NPY1R-targeted peptide-mediated delivery of a dual PPARÎ±/Î³ agonist to adipocytes enhances adipogenesis and prevents diabetes progression. Molecular Metabolism, 2020, 31, 163-180.	6.5	17
75	Changes in systemic and subcutaneous adipose tissue inflammation and oxidative stress in response to exercise training in obese black African women. Journal of Physiology, 2020, 598, 503-515.	2.9	21
76	The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPARG. Cell Reports, 2020, 33, 108295.	6.4	28
77	Accumulation of distinct persistent organic pollutants is associated with adipose tissue inflammation. Science of the Total Environment, 2020, 748, 142458.	8.0	27
78	Identification of distinct transcriptome signatures of human adipose tissue from fifteen depots. European Journal of Human Genetics, 2020, 28, 1714-1725.	2.8	32
79	Nicotinamide Nucleotide Transhydrogenase (Nnt) is Related to Obesity in Mice. Hormone and Metabolic Research, 2020, 52, 877-881.	1.5	4
80	COL6A3 expression in adipose tissue cells is associated with levels of the homeobox transcription factor PRRX1. Scientific Reports, 2020, 10, 20164.	3.3	16
81	DNA methylation signature in blood mirrors successful weight-loss during lifestyle interventions: the CENTRAL trial. Genome Medicine, 2020, 12, 97.	8.2	28
82	Estimation of abdominal subcutaneous fat volume of obese adults from single-slice MRI data â€“ Regression coefficients and agreement. European Journal of Radiology, 2020, 130, 109184.	2.6	7
83	A TRAIL-TL1A Paracrine Network Involving Adipocytes, Macrophages, and Lymphocytes Induces Adipose Tissue Dysfunction Downstream of E2F1 in Human Obesity. Diabetes, 2020, 69, 2310-2323.	0.6	15
84	COMP-Ang-1 Improves Glucose Uptake in db/db Mice with Type 2 Diabetes. Hormone and Metabolic Research, 2020, 52, 685-688.	1.5	0
85	Effects of Exercise on ACE2. Obesity, 2020, 28, 2266-2267.	3.0	13
86	Abdominal subcutaneous fat quantification in obese patients from limited field-of-view MRI data. Scientific Reports, 2020, 10, 19039.	3.3	5
87	In Depth Quantitative Proteomic and Transcriptomic Characterization of Human Adipocyte Differentiation using the SGBS Cell Line. Proteomics, 2020, 20, e1900405.	2.2	8
88	In Vitro-Generated Hypertrophic-Like Adipocytes Displaying PPARG Isoforms Unbalance Recapitulate Adipocyte Dysfunctions In Vivo. Cells, 2020, 9, 1284.	4.1	14
89	Circulating and Adipose Tissue Fatty Acid Composition in Black South African Women with Obesity: A Cross-Sectional Study. Nutrients, 2020, 12, 1619.	4.1	3
90	FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. Nature Communications, 2020, 11, 1421.	12.8	67

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91	The Novel Adipokine Gremlin 1 Antagonizes Insulin Action and Is Increased in Type 2 Diabetes and NAFLD/NASH. Diabetes, 2020, 69, 331-341.	0.6	44
92	Metabolically Healthy Obesity. Endocrine Reviews, 2020, 41, .	20.1	445
93	Higher Mast Cell Accumulation in Human Adipose Tissues Defines Clinically Favorable Obesity Sub-Phenotypes. Cells, 2020, 9, 1508.	4.1	14
94	Distinct abdominal and gluteal adipose tissue transcriptome signatures are altered by exercise training in African women with obesity. Scientific Reports, 2020, 10, 10240.	3.3	15
95	Adenosine/A2B Receptor Signaling Ameliorates the Effects of Aging and Counteracts Obesity. Cell Metabolism, 2020, 32, 56-70.e7.	16.2	77
96	Obesity-Induced Increase in Cystatin C Alleviates Tissue Inflammation. Diabetes, 2020, 69, 1927-1935.	0.6	14
97	The Fabp4-Cre-Model is Insufficient to Study Hoxc9 Function in Adipose Tissue. Biomedicines, 2020, 8, 184.	3.2	0
98	Exercise Training Alters Red Blood Cell Fatty Acid Desaturase Indices and Adipose Tissue Fatty Acid Profile in African Women with Obesity. Obesity, 2020, 28, 1456-1466.	3.0	8
99	An MRM-Based Multiplexed Quantification Assay for Human Adipokines and Apolipoproteins. Molecules, 2020, 25, 775.	3.8	9
100	HLA Class II Allele Analyses Implicate Common Genetic Components in Type 1 and Nonâ€“Insulin-Treated Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e245-e254.	3.6	15
101	A Human REPIN1 Gene Variant: Genetic Risk Factor for the Development of Nonalcoholic Fatty Liver Disease. Clinical and Translational Gastroenterology, 2020, 11, e00114.	2.5	3
102	Adipocytokines are not associated with gestational diabetes mellitus but with pregnancy status. Cytokine, 2020, 131, 155088.	3.2	7
103	The influence of equine body weight gain on inflammatory cytokine expressions of adipose tissue in response to endotoxin challenge. Acta Veterinaria Scandinavica, 2020, 62, 17.	1.6	5
104	Role of the DNA repair genes H2AX and HMGB1 in human fat distribution and lipid profiles. BMJ Open Diabetes Research and Care, 2020, 8, e000831.	2.8	4
105	Adipose tissue derived bacteria are associated with inflammation in obesity and type 2 diabetes. Gut, 2020, 69, 1796-1806.	12.1	149
106	EHD2-mediated restriction of caveolar dynamics regulates cellular fatty acid uptake. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7471-7481.	7.1	41
107	GPx3 dysregulation impacts adipose tissue insulin receptor expression and sensitivity. JCI Insight, 2020, 5, .	5.0	29
108	Consequences of Obesity on the Sense of Taste: Taste Buds as Treatment Targets?. Diabetes and Metabolism Journal, 2020, 44, 509.	4.7	36

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109	Diabetes and Obesity. Endocrinology, 2020, , 1-49.	0.1	1
110	Metabolic effects of genetic variation in the human REPIN1 gene. International Journal of Obesity, 2019, 43, 821-831.	3.4	4
111	Perturbation of the Monocyte Compartment in Human Obesity. Frontiers in Immunology, 2019, 10, 1874.	4.8	60
112	Short-term cold exposure supports human Treg induction inÂvivo. Molecular Metabolism, 2019, 28, 73-82.	6.5	15
113	12-Lipoxygenase Regulates Cold Adaptation and Glucose Metabolism by Producing the Omega-3 Lipid 12-HEPE from Brown Fat. Cell Metabolism, 2019, 30, 768-783.e7.	16.2	132
114	Hepatic Rab24 controls blood glucose homeostasis via improving mitochondrial plasticity. Nature Metabolism, 2019, 1, 1009-1026.	11.9	27
115	Atg7 Knockdown Reduces Chemerin Secretion in Murine Adipocytes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5715-5728.	3.6	5
116	Neuregulin 4: A â€œHotlineâ€•Between Brown Fat and Liver. Obesity, 2019, 27, 1555-1557.	3.0	19
117	Five-Year Outcomes of Gastric Bypass in Adolescents as Compared with Adults. New England Journal of Medicine, 2019, 381, e17.	27.0	13
118	New concepts for body shape-related cardiovascular risk: role of fat distribution and adipose tissue function. European Heart Journal, 2019, 40, 2856-2858.	2.2	31
119	Leptin stimulates autophagy/lysosome-related degradation of long-lived proteins in adipocytes. Adipocyte, 2019, 8, 51-60.	2.8	16
120	(Epi)genetic regulation of CRTC1 in human eating behaviour and fat distribution. EBioMedicine, 2019, 44, 476-488.	6.1	12
121	Liver ASK1 protects from nonâ€alcoholic fatty liver disease and fibrosis. EMBO Molecular Medicine, 2019, 11, e10124.	6.9	59
122	Protein kinase MST3 modulates lipid homeostasis in hepatocytes and correlates with nonalcoholic steatohepatitis in humans. FASEB Journal, 2019, 33, 9974-9989.	0.5	20
123	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. American Journal of Human Genetics, 2019, 105, 15-28.	6.2	21
124	The beneficial effects of Mediterranean diet over low-fat diet may be mediated by decreasing hepatic fat content. Journal of Hepatology, 2019, 71, 379-388.	3.7	148
125	The Effect of Wolffia globosa Mankai, a Green Aquatic Plant, on Postprandial Glycemic Response: A Randomized Crossover Controlled Trial. Diabetes Care, 2019, 42, 1162-1169.	8.6	30
126	Enzymatic Activity of HPGD in Treg Cells Suppresses Tconv Cells to Maintain Adipose Tissue Homeostasis and Prevent Metabolic Dysfunction. Immunity, 2019, 50, 1232-1248.e14.	14.3	63

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127	Circulating Adipokine VASPIN Is Associated with Serum Lipid Profiles in Humans. Lipids, 2019, 54, 203-210.	1.7	8
128	A Green-Mediterranean Diet, Supplemented with Mankai Duckweed, Preserves Iron-Homeostasis in Humans and Is Efficient in Reversal of Anemia in Rats. Journal of Nutrition, 2019, 149, 1004-1011.	2.9	32
129	Mitofusin 2 in Mature Adipocytes Controls Adiposity and Body Weight. Cell Reports, 2019, 26, 2849-2858.e4.	6.4	50
130	The Role of Iron and Nerve Inflammation in Diabetes Mellitus Type 2-Induced Peripheral Neuropathy. Neuroscience, 2019, 406, 496-509.	2.3	18
131	Obesity: global epidemiology and pathogenesis. Nature Reviews Endocrinology, 2019, 15, 288-298.	9.6	2,603
132	The role of dietary non-heme iron load and peripheral nerve inflammation in the development of peripheral neuropathy (PN) in obese non-diabetic leptin-deficient ob/ob mice. Neurological Research, 2019, 41, 341-353.	1.3	11
133	Genetics and epigenetics in obesity. Metabolism: Clinical and Experimental, 2019, 92, 37-50.	3.4	230
134	Central noradrenaline transporter availability is linked with HPA axis responsiveness and copeptin in human obesity and non-obese controls. Stress, 2019, 22, 93-102.	1.8	9
135	Development of insulin resistance in Nischarin mutant female mice. International Journal of Obesity, 2019, 43, 1046-1057.	3.4	10
136	Impact of body weight gain on hepatic metabolism and hepatic inflammatory cytokines in comparison of Shetland pony geldings and Warmblood horse geldings. PeerJ, 2019, 7, e7069.	2.0	6
137	Effects of a blend of green tea and curcuma extract supplementation on lipopolysaccharide-induced inflammation in horses and ponies. PeerJ, 2019, 7, e8053.	2.0	5
138	Diabetes and Obesity. Endocrinology, 2019, , 1-49.	0.1	0
139	Increased Ifi202b/IFI16 expression stimulates adipogenesis in mice and humans. Diabetologia, 2018, 61, 1167-1179.	6.3	21
140	Noradrenaline transporter availability on [11C]MRB PET predicts weight loss success in highly obese adults. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1618-1625.	6.4	7
141	Diabetes and Obesity. Endocrinology, 2018, , 1-49.	0.1	0
142	Development of a mouse IgA monoclonal antibody-based enzyme-linked immunosorbent sandwich assay for the analyses of RBP4. Scientific Reports, 2018, 8, 2578.	3.3	3
143	The effect of long-term weight-loss intervention strategies on the dynamics of pancreatic-fat and morphology: An MRI RCT study. Clinical Nutrition ESPEN, 2018, 24, 82-89.	1.2	17
144	Effect of wine on carotid atherosclerosis in type 2 diabetes: a 2-year randomized controlled trial. European Journal of Clinical Nutrition, 2018, 72, 871-878.	2.9	14

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145	Genome-wide meta-analysis identifies novel determinants of circulating serum progranulin. Human Molecular Genetics, 2018, 27, 546-558.	2.9	15
146	Elevated Plasma Levels of 3-Hydroxyisobutyric Acid Are Associated With Incident Type 2 Diabetes. EBioMedicine, 2018, 27, 151-155.	6.1	53
147	A computational biology approach of a genome-wide screen connected miRNAs to obesity and type 2 diabetes. Molecular Metabolism, 2018, 11, 145-159.	6.5	48
148	Hepatocyte-secreted DPP4 in obesity promotes adipose inflammation and insulin resistance. Nature, 2018, 555, 673-677.	27.8	209
149	Relationship Between 12 Adipocytokines and Distinct Components of the Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1015-1023.	3.6	55
150	Changes of renal sinus fat and renal parenchymal fat during an 18-month randomized weight loss trial. Clinical Nutrition, 2018, 37, 1145-1153.	5.0	35
151	Ablation of kallikrein 7 (KLK7) in adipose tissue ameliorates metabolic consequences of highÂfat diet-induced obesity by counteracting adipose tissue inflammation in vivo. Cellular and Molecular Life Sciences, 2018, 75, 727-742.	5.4	26
152	Use and effectiveness of a fixedâ€ratio combination of insulin degludec/liraglutide (IDegLira) in a realâ€world population with type 2 diabetes: Results from a European, multicentre, retrospective chart review study. Diabetes, Obesity and Metabolism, 2018, 20, 954-962.	4.4	54
153	Effect of Distinct Lifestyle Interventions on Mobilization of Fat Storage Pools. Circulation, 2018, 137, 1143-1157.	1.6	185
154	Cover Image, Volume 20, Issue 11. Diabetes, Obesity and Metabolism, 2018, 20, i-i.	4.4	0
155	PPARÎ³Î”5, a Naturally Occurring Dominant-Negative Splice Isoform, Impairs PPARÎ³ Function and Adipocyte Differentiation. Cell Reports, 2018, 25, 1577-1592.e6.	6.4	58
156	Effects of Weight Loss on Glutathione Peroxidase 3 Serum Concentrations and Adipose Tissue Expression in Human Obesity. Obesity Facts, 2018, 11, 475-490.	3.4	42
157	Comorbidities as an Indication for Metabolic Surgery. Visceral Medicine, 2018, 34, 381-387.	1.3	7
158	Gene expression profiling in adipose tissue of Sprague Dawley rats identifies olfactory receptor 984 as a potential obesity treatment target. Biochemical and Biophysical Research Communications, 2018, 505, 801-806.	2.1	6
159	Diabetes and Obesity. Endocrinology, 2018, , 1-49.	0.1	3
160	LincRNA H19 protects from dietary obesity by constraining expression of monoallelic genes in brown fat. Nature Communications, 2018, 9, 3622.	12.8	120
161	Plasma levels of free fatty acids correlate with type 2 diabetes mellitus. Diabetes, Obesity and Metabolism, 2018, 20, 2661-2669.	4.4	44
162	DNA methylation of SSPN is linked to adipose tissue distribution and glucose metabolism. FASEB Journal, 2018, 32, 6898-6910.	0.5	6

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163	Long-term Relapse of Type 2 Diabetes After Roux-en-Y Gastric Bypass: Prediction and Clinical Relevance. Diabetes Care, 2018, 41, 2086-2095.	8.6	90
164	Diagnostic Accuracy of Protein Glycation Sites in Long-Term Controlled Patients with Type 2 Diabetes Mellitus and Their Prognostic Potential for Early Diagnosis. Pharmaceuticals, 2018, 11, 38.	3.8	14
165	p8 deficiency leads to elevated pancreatic beta cell mass but does not contribute to insulin resistance in mice fed with high-fat diet. PLoS ONE, 2018, 13, e0201159.	2.5	2
166	Differential effects of high-fat diet and exercise training on bone and energy metabolism. Bone, 2018, 116, 120-134.	2.9	37
167	Knowledge and practice regarding the German and the EASL-EASD-EASO NAFLD-guidelines among members of the German Obesity Society. Digestive and Liver Disease, 2018, 50, 731-733.	0.9	3
168	Thy-1 (CD90) promotes bone formation and protects against obesity. Science Translational Medicine, 2018, 10, .	12.4	76
169	Loss of periostin occurs in aging adipose tissue of mice and its genetic ablation impairs adipose tissue lipid metabolism. Aging Cell, 2018, 17, e12810.	6.7	29
170	A collective diabetes cross in combination with a computational framework to dissect the genetics of human obesity and Type 2 diabetes. Human Molecular Genetics, 2018, 27, 3099-3112.	2.9	21
171	Vaspin suppresses cytokine-induced inflammation in 3T3-L1 adipocytes via inhibition of NFÎºB pathway. Molecular and Cellular Endocrinology, 2018, 460, 181-188.	3.2	40
172	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	21.4	286
173	Characterization of chemical-induced sterile inflammation in vitro: application of the model compound ketoconazole in a human hepatic co-culture system. Archives of Toxicology, 2017, 91, 799-810.	4.2	27
174	Interplay between Obesity-Induced Inflammation and cGMP Signaling in White Adipose Tissue. Cell Reports, 2017, 18, 225-236.	6.4	33
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