Eric Ravussin

List of Publications by Year
in descending order

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413 papers	36,026 citations	2975 93 h-index	4117 175 g-index
424 all docs	424 docs citations	424 times ranked	35279 citing authors

#	Article	IF	Citations
1	The NLRP3 inflammasome instigates obesity-induced inflammation and insulin resistance. Nature Medicine, 2011, 17, 179-188.	30.7	2,120
2	Insulin Resistance and Insulin Secretory Dysfunction as Precursors of Non-Insulin-Dependent Diabetes Mellitus: Prospective Studies of Pima Indians. New England Journal of Medicine, 1993, 329, 1988-1992.	27.0	1,312
3	Reduced Rate of Energy Expenditure as a Risk Factor for Body-Weight Gain. New England Journal of Medicine, 1988, 318, 467-472.	27.0	1,125
4	Early Time-Restricted Feeding Improves Insulin Sensitivity, Blood Pressure, and Oxidative Stress Even without Weight Loss in Men with Prediabetes. Cell Metabolism, 2018, 27, 1212-1221.e3.	16.2	862
5	Effect of 6-Month Calorie Restriction on Biomarkers of Longevity, Metabolic Adaptation, and Oxidative Stress in Overweight Individuals. JAMA - Journal of the American Medical Association, 2006, 295, 1539.	7.4	823
6	A guide to analysis of mouse energy metabolism. Nature Methods, 2012, 9, 57-63.	19.0	655
7	Calorie Restriction Increases Muscle Mitochondrial Biogenesis in Healthy Humans. PLoS Medicine, 2007, 4, e76.	8.4	654
8	Calorie restriction and aging: review of the literature and implications for studies in humans. American Journal of Clinical Nutrition, 2003, 78, 361-369.	4.7	618
9	Relationship of genetics, age, and physical fitness to daily energy expenditure and fuel utilization. American Journal of Clinical Nutrition, 1989, 49, 968-975.	4.7	560
10	Effect of Calorie Restriction With or Without Exercise on Insulin Sensitivity, Î²-Cell Function, Fat Cell Size, and Ectopic Lipid in Overweight Subjects. Diabetes Care, 2006, 29, 1337-1344.	8.6	445
11	Obesity Pathogenesis: An Endocrine Society Scientific Statement. Endocrine Reviews, 2017, 38, 267-296.	20.1	437
12	Effect of Alternate-Day Fasting on Weight Loss, Weight Maintenance, and Cardioprotection Among Metabolically Healthy Obese Adults. JAMA Internal Medicine, 2017, 177, 930.	5.1	426
13	The Relationship of Waist Circumference and BMI to Visceral, Subcutaneous, and Total Body Fat: Sex and Race Differences. Obesity, 2011, 19, 402-408.	3.0	421
14	Racial Differences in the Relation between Blood Pressure and Insulin Resistance. New England Journal of Medicine, 1991, 324, 733-739.	27.0	417
15	Increased food energy supply is more than sufficient to explain the US epidemic of obesity. American Journal of Clinical Nutrition, 2009, 90, 1453-1456.	4.7	414
16	Meal frequency and timing in health and disease. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16647-16653.	7.1	413
17	Metabolic flexibility and insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1009-E1017.	3.5	394
18	Familial Dependence of the Resting Metabolic Rate. New England Journal of Medicine, 1986, 315, 96-100.	27.0	379

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19	Increased Fat Intake, Impaired Fat Oxidation, and Failure of Fat Cell Proliferation Result in Ectopic Fat Storage, Insulin Resistance, and Type 2 Diabetes Mellitus. Annals of the New York Academy of Sciences, 2002, 967, 363-378.	3.8	378
20	Early Time-Restricted Feeding Improves 24-Hour Glucose Levels and Affects Markers of the Circadian Clock, Aging, and Autophagy in Humans. Nutrients, 2019, 11, 1234.	4.1	360
21	A 2-Year Randomized Controlled Trial of Human Caloric Restriction: Feasibility and Effects on Predictors of Health Span and Longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1097-1104.	3.6	345
22	Metabolic Slowing and Reduced Oxidative Damage with Sustained Caloric Restriction Support the Rate of Living and Oxidative Damage Theories of Aging. Cell Metabolism, 2018, 27, 805-815.e4.	16.2	343
23	Effects of Traditional and Western Environments on Prevalence of Type 2 Diabetes in Pima Indians in Mexico and the U.S.. Diabetes Care, 2006, 29, 1866-1871.	8.6	314
24	Muscle-Specific Deletion of Carnitine Acetyltransferase Compromises Glucose Tolerance and Metabolic Flexibility. Cell Metabolism, 2012, 15, 764-777.	16.2	307
25	Relationships between body roundness with body fat and visceral adipose tissue emerging from a new geometrical model. Obesity, 2013, 21, 2264-2271.	3.0	304
26	Alternate-day fasting in nonobese subjects: effects on body weight, body composition, and energy metabolism1,2. American Journal of Clinical Nutrition, 2005, 81, 69-73.	4.7	299
27	Ketogenic Diets Alter the Gut Microbiome Resulting in Decreased Intestinal Th17 Cells. Cell, 2020, 181, 1263-1275.e16.	28.9	292
28	Leptin Mediates the Increase in Blood Pressure Associated with Obesity. Cell, 2014, 159, 1404-1416.	28.9	288
29	Enhanced Weight Loss With Pramlintide/Metreleptin: An Integrated Neurohormonal Approach to Obesity Pharmacotherapy. Obesity, 2009, 17, 1736-1743.	3.0	276
30	Metabolic and Behavioral Compensations in Response to Caloric Restriction: Implications for the Maintenance of Weight Loss. PLoS ONE, 2009, 4, e4377.	2.5	275
31	Adipose Tissue Collagen VI in Obesity. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 5155-5162.	3.6	268
32	Energy expenditure and body composition changes after an isocaloric ketogenic diet in overweight and obese men. American Journal of Clinical Nutrition, 2016, 104, 324-333.	4.7	259
33	Effect of Calorie Restriction with or without Exercise on Body Composition and Fat Distribution. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 865-872.	3.6	256
34	A 4-wk high-fructose diet alters lipid metabolism without affecting insulin sensitivity or ectopic lipids in healthy humans. American Journal of Clinical Nutrition, 2006, 84, 1374-1379.	4.7	252
35	Estimating the changes in energy flux that characterize the rise in obesity prevalence. American Journal of Clinical Nutrition, 2009, 89, 1723-1728.	4.7	244
36	2 years of calorie restriction and cardiometabolic risk (CALERIE): exploratory outcomes of a multicentre, phase 2, randomised controlled trial. Lancet Diabetes and Endocrinology,the, 2019, 7, 673-683.	11.4	239

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37	Relatively low plasma leptin concentrations precede weight gain in Pima Indians. Nature Medicine, 1997, 3, 238-240.	30.7	238
38	Daily energy expenditure through the human life course. Science, 2021, 373, 808-812.	12.6	234
39	Caloric Restriction in Humans: Impact on Physiological, Psychological, and Behavioral Outcomes. Antioxidants and Redox Signaling, 2011, 14, 275-287.	5.4	228
40	Skeletal Muscle Mitochondria and Aging: A Review. Journal of Aging Research, 2012, 2012, 1-20.	0.9	221
41	Defining Insulin Resistance From Hyperinsulinemic-Euglycemic Clamps. Diabetes Care, 2012, 35, 1605-1610.	8.6	211
42	Metabolic Slowing with Massive Weight Loss despite Preservation of Fat-Free Mass. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2489-2496.	3.6	205
43	Role of adiponectin in human skeletal muscle bioenergetics. Cell Metabolism, 2006, 4, 75-87.	16.2	202
44	The Acyclic CB1R Inverse Agonist Taranabant Mediates Weight Loss by Increasing Energy Expenditure and Decreasing Caloric Intake. Cell Metabolism, 2008, 7, 68-78.	16.2	198
45	The role of mitochondria in health and disease. Current Opinion in Pharmacology, 2009, 9, 780-786.	3.5	195
46	Racial differences in abdominal depotâ€“specific adiposity in white and African American adults. American Journal of Clinical Nutrition, 2010, 91, 7-15.	4.7	194
47	RAPID COMMUNICATIONS: Mutations in the Preproghrelin/Ghrelin Gene Associated with Obesity in Humans. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3996-3999.	3.6	193
48	Caloric restriction alone and with exercise improves CVD risk in healthy non-obese individuals. Atherosclerosis, 2009, 203, 206-213.	0.8	193
49	Effect of Calorie Restriction on Resting Metabolic Rate and Spontaneous Physical Activity. Obesity, 2007, 15, 2964-2973.	3.0	190
50	Early Timeâ€Restricted Feeding Reduces Appetite and Increases Fat Oxidation But Does Not Affect Energy Expenditure in Humans. Obesity, 2019, 27, 1244-1254.	3.0	187
51	Decreased Expression Of apM1 in Omental and Subcutaneous Adipose Tissue of Humans With Type 2 Diabetes. International Journal of Experimental Diabetes Research, 2000, 1, 81-88.	1.1	185
52	Effect of Satiation on Brain Activity in Obese and Lean Women. Obesity, 2001, 9, 676-684.	4.0	184
53	Effect of 6â€Month Calorie Restriction and Exercise on Serum and Liver Lipids and Markers of Liver Function. Obesity, 2008, 16, 1355-1362.	3.0	178
54	COVID 19 and the Patient with Obesity â€“ The Editors Speak Out. Obesity, 2020, 28, 847-847.	3.0	162

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55	Physical activity, genetic, and nutritional considerations in childhood weight management. Medicine and Science in Sports and Exercise, 1998, 30, 2-10.	0.4	161
56	Neuroimaging and Obesity. Annals of the New York Academy of Sciences, 2002, 967, 389-397.	3.8	159
57	Body Mass Index as a Measure of Adiposity in Children and Adolescents: Relationship to Adiposity by Dual Energy X-Ray Absorptiometry and to Cardiovascular Risk Factors. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4061-4067.	3.6	157
58	Role of Ghrelin Polymorphisms in Obesity Based on Three Different Studies. Obesity, 2002, 10, 782-791.	4.0	157
59	Self-reportâ€“based estimates of energy intake offer an inadequate basis for scientific conclusions. American Journal of Clinical Nutrition, 2013, 97, 1413-1415.	4.7	157
60	Energy metabolism after 2 y of energy restriction: the Biosphere 2 experiment. American Journal of Clinical Nutrition, 2000, 72, 946-953.	4.7	156
61	Design and Conduct of the CALERIE Study: Comprehensive Assessment of the Long-term Effects of Reducing Intake of Energy. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 97-108.	3.6	151
62	Metabolically healthy and unhealthy obese â€“ the 2013 <scp>S</scp>tock <scp>C</scp>onference report. Obesity Reviews, 2014, 15, 697-708.	6.5	149
63	Energy Metabolism and Oxidative Stress: Impact on the Metabolic Syndrome and the Aging Process. Endocrine, 2006, 29, 27-32.	2.2	146
64	Low Circulating Adropin Concentrations with Obesity and Aging Correlate with Risk Factors for Metabolic Disease and Increase after Gastric Bypass Surgery in Humans. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 3783-3791.	3.6	145
65	Brown Adipose Tissue: an Update on Recent Findings. Current Obesity Reports, 2017, 6, 389-396.	8.4	144
66	Assessing Risk Factors for Obesity Between Childhood and Adolescence: II. Energy Metabolism and Physical Activity. Pediatrics, 2002, 110, 307-314.	2.1	143
67	Decreased Expression of Adipogenic Genes in Obese Subjects with Type 2 Diabetes. Obesity, 2006, 14, 1543-1552.	3.0	141
68	The Implication of Brown Adipose Tissue for Humans. Annual Review of Nutrition, 2011, 31, 33-47.	10.1	140
69	Higher sedentary energy expenditure in patients with Huntington's disease. Annals of Neurology, 2000, 47, 64-70.	5.3	138
70	Measurement of dietary restraint: Validity tests of four questionnaires. Appetite, 2007, 48, 183-192.	3.7	137
71	Total body skeletal muscle mass: estimation by creatine (methyl-d₃) dilution in humans. Journal of Applied Physiology, 2014, 116, 1605-1613.	2.5	136
72	Glucose Tolerance and Skeletal Muscle Gene Expression in Response to Alternate Day Fasting. Obesity, 2005, 13, 574-581.	4.0	135

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73	Isolation of Human Adipose-derived Stem Cells from Biopsies and Liposuction Specimens. , 2008, 449, 69-79.		132
74	Structure and Sequence Variation at the Human Leptin Receptor Gene in Lean and Obese Pima Indians. Human Molecular Genetics, 1997, 6, 675-679.	2.9	130
75	Effects of 2â€year calorie restriction on circulating levels of IGFâ€1, IGFâ€binding proteins and cortisol in nonobese men and women: a randomized clinical trial. Aging Cell, 2016, 15, 22-27.	6.7	130
76	Energy balance and weight regulation: genetics versus environment. British Journal of Nutrition, 2000, 83, S17-S20.	2.3	128
77	Lorcaserin, A 5-HT_{2C}Receptor Agonist, Reduces Body Weight by Decreasing Energy Intake without Influencing Energy Expenditure. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 837-845.	3.6	128
78	Lateral hypothalamic area deep brain stimulation for refractory obesity: a pilot study with preliminary data on safety, body weight, and energy metabolism. Journal of Neurosurgery, 2013, 119, 56-63.	1.6	128
79	Energy Expenditure, Fat Oxidation, and Body Weight Regulation: A Study of Metabolic Adaptation to Long- Term Weight Change. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1087-1094.	3.6	126
80	Energy metabolism in African Americans: potential risk factors for obesity. American Journal of Clinical Nutrition, 1999, 70, 13-20.	4.7	125
81	Ethnic Differences in Insulinemia and Sympathetic Tone as Links Between Obesity and Blood Pressure. Hypertension, 2000, 36, 531-537.	2.7	123
82	The energy balance model of obesity: beyond calories in, calories out. American Journal of Clinical Nutrition, 2022, 115, 1243-1254.	4.7	123
83	Sex differences in the human brainâ€™s response to hunger and satiation. American Journal of Clinical Nutrition, 2002, 75, 1017-1022.	4.7	120
84	Caloric restriction in humans reveals immunometabolic regulators of health span. Science, 2022, 375, 671-677.	12.6	118
85	Effect of 8 Weeks of Overfeeding on Ectopic Fat Deposition and Insulin Sensitivity: Testing the â€œAdipose Tissue Expandabilityâ€•Hypothesis. Diabetes Care, 2014, 37, 2789-2797.	8.6	117
86	Metabolic predictors of weight gain. International Journal of Obesity, 1999, 23, S37-S41.	3.4	113
87	Metabolic differences and the development of obesity. Metabolism: Clinical and Experimental, 1995, 44, 12-14.	3.4	112
88	Estimating the effects of energy imbalance on changes in body weight in children. American Journal of Clinical Nutrition, 2006, 83, 859-863.	4.7	103
89	Analysis of energy metabolism in humans: A review of methodologies. Molecular Metabolism, 2016, 5, 1057-1071.	6.5	103
90	Muscleâ€associated Triglyceride Measured by Computed Tomography and Magnetic Resonance Spectroscopy. Obesity, 2006, 14, 73-87.	3.0	102

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91	Brown Adipose Tissue. Circulation, 2012, 125, 2782-2791.	1.6	101
92	Metabolic Flexibility in Response to Glucose Is Not Impaired in People With Type 2 Diabetes After Controlling for Glucose Disposal Rate. Diabetes, 2008, 57, 841-845.	0.6	100
93	A Low Sympathoadrenal Activity is Associated with Body Weight Gain and Development of Central Adiposity in Pima Indian Men. Obesity, 1997, 5, 341-347.	4.0	99
94	Assessing Risk Factors for Obesity Between Childhood and Adolescence: I. Birth Weight, Childhood Adiposity, Parental Obesity, Insulin, and Leptin. Pediatrics, 2002, 110, 299-306.	2.1	99
95	Habitual physical activity in children: the role of genes and the environment. American Journal of Clinical Nutrition, 2005, 82, 901-908.	4.7	99
96	Effect of caloric restriction in non-obese humans on physiological, psychological and behavioral outcomes. Physiology and Behavior, 2008, 94, 643-648.	2.1	99
97	Whole-body energy metabolism and skeletal muscle biochemical characteristics. Metabolism: Clinical and Experimental, 1994, 43, 481-486.	3.4	98
98	Adipogenic Human Adenovirus Ad-36 Induces Commitment, Differentiation, and Lipid Accumulation in Human Adipose-Derived Stem Cells. Stem Cells, 2008, 26, 969-978.	3.2	98
99	Relationship Between Muscle Sympathetic Nerve Activity and Plasma Leptin Concentration. Obesity, 1997, 5, 338-340.	4.0	94
100	Metabolic Changes Following a 1-Year Diet and Exercise Intervention in Patients With Type 2 Diabetes. Diabetes, 2010, 59, 627-633.	0.6	94
101	Effects of alternate-day fasting or daily calorie restriction on body composition, fat distribution, and circulating adipokines: Secondary analysis of a randomized controlled trial. Clinical Nutrition, 2018, 37, 1871-1878.	5.0	93
102	The thermic effect of carbohydrate versus fat feeding in man. Metabolism: Clinical and Experimental, 1985, 34, 285-293.	3.4	92
103	Ethnicâ€Specific BMI and Waist Circumference Thresholds. Obesity, 2011, 19, 1272-1278.	3.0	92
104	Energy balance or fat balance?. American Journal of Clinical Nutrition, 1993, 57, 766S-771S.	4.7	89
105	Lack of an Effect of a Novel Î²3-Adrenoceptor Agonist, TAK-677, on Energy Metabolism in Obese Individuals: A Double-Blind, Placebo-Controlled Randomized Study. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 527-531.	3.6	89
106	Approaches for quantifying energy intake and %calorie restriction during calorie restriction interventions in humans: the multicenter CALERIE study. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E441-E448.	3.5	88
107	Body-composition changes in the Comprehensive Assessment of Long-term Effects of Reducing Intake of Energy (CALERIE)-2 study: a 2-y randomized controlled trial of calorie restriction in nonobese humans. American Journal of Clinical Nutrition, 2017, 105, 913-927.	4.7	87
108	Indirect calorimetry: an indispensable tool to understand and predict obesity. European Journal of Clinical Nutrition, 2017, 71, 318-322.	2.9	85

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109	Significant improvement in cardiometabolic health in healthy nonobese individuals during caloric restriction-induced weight loss and weight loss maintenance. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E396-E405.	3.5	85
110	Mutations in the adiponectin gene in lean and obese subjects from the Swedish obese subjects cohort. Metabolism: Clinical and Experimental, 2003, 52, 881-884.	3.4	83
111	Validation study of energy expenditure and intake during calorie restriction using doubly labeled water and changes in body composition. American Journal of Clinical Nutrition, 2007, 85, 73-79.	4.7	83
112	Human genomics and obesity: finding appropriate drug targets. European Journal of Pharmacology, 2000, 410, 131-145.	3.5	82
113	Energy Intake and Physical Activity in Pima Indians: Comparison with Energy Expenditure Measured by Doublyâ€Łabeled Water. Obesity, 1994, 2, 541-548.	4.0	81
114	Regulation of Skeletal Muscle Oxidative Capacity and Insulin Signaling by the Mitochondrial Rhomboid Protease PARL. Cell Metabolism, 2010, 11, 412-426.	16.2	81
115	Dynamics of adipose tissue turnover in human metabolic health and disease. Diabetologia, 2019, 62, 17-23.	6.3	81
116	Examination of Cognitive Function During Six Months of Calorie Restriction: Results of a Randomized Controlled Trial. Rejuvenation Research, 2007, 10, 179-190.	1.8	80
117	Ectopic Lipid Accumulation and Reduced Glucose Tolerance in Elderly Adults Are Accompanied by Altered Skeletal Muscle Mitochondrial Activity. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 242-250.	3.6	80
118	Calorie Restriction and Bone Health in Young, Overweight Individuals. Archives of Internal Medicine, 2008, 168, 1859.	3.8	80
119	Glucose ingestion during exercise blunts exercise-induced gene expression of skeletal muscle fat oxidative genes. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E1023-E1029.	3.5	79
120	Aging, Resting Metabolic Rate, and Oxidative Damage: Results From the Louisiana Healthy Aging Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2007, 62, 752-759.	3.6	79
121	Caloric Restriction with or without Exercise. Medicine and Science in Sports and Exercise, 2010, 42, 152-159.	0.4	77
122	Reduced Oxygenation in Human Obese Adipose Tissue Is Associated with Impaired Insulin Suppression of Lipolysis. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4052-4055.	3.6	77
123	Human Uncoupling Proteins and Obesity. Obesity, 1999, 7, 97-105.	4.0	75
124	HRAS1 and LASS1 with APOE are associated with human longevity and healthy aging. Aging Cell, 2010, 9, 698-708.	6.7	75
125	Glucose and Lipid Homeostasis and Inflammation in Humans Following an Isocaloric Ketogenic Diet. Obesity, 2019, 27, 971-981.	3.0	75
126	Decreasing the Rate of Metabolic Ketone Reduction in the Discovery of a Clinical Acetyl-CoA Carboxylase Inhibitor for the Treatment of Diabetes. Journal of Medicinal Chemistry, 2014, 57, 10512-10526.	6.4	74

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127	A comparison of bioimpedance methods for detection of body cell mass change in HIV infection. Journal of Applied Physiology, 2000, 88, 944-956.	2.5	73
128	Lower Total Adipocyte Number but No Evidence for Small Adipocyte Depletion in Patients With Type 2 Diabetes. Diabetes Care, 2009, 32, 900-902.	8.6	73
129	Metabolic adaptation following massive weight loss is related to the degree of energy imbalance and changes in circulating leptin. Obesity, 2014, 22, n/a-n/a.	3.0	71
130	RAPID COMMUNICATIONS: Mutations in the Preproghrelin/Ghrelin Gene Associated with Obesity in Humans. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3996-3999.	3.6	69
131	In Vitro Cellular Adaptations of Indicators of Longevity in Response to Treatment with Serum Collected from Humans on Calorie Restricted Diets. PLoS ONE, 2008, 3, e3211.	2.5	68
132	Regions of the human brain affected during a liquid-meal taste perception in the fasting state: a positron emission tomography study. American Journal of Clinical Nutrition, 1999, 70, 806-810.	4.7	67
133	Adipose tissue distribution in relation to insulin resistance in type 2 diabetes mellitus. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E435-E442.	3.5	67
134	Minireview: Mitochondrial Energetics and Insulin Resistance. Endocrinology, 2008, 149, 950-954.	2.8	66
135	The Fall in Leptin Concentration Is a Major Determinant of the Metabolic Adaptation Induced by Caloric Restriction Independently of the Changes in Leptin Circadian Rhythms. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1512-E1516.	3.6	65
136	Low Plasma Leptin Concentration and Low Rates of Fat Oxidation in Weightâ€Stable Postâ€Obese Subjects. Obesity, 2000, 8, 205-210.	4.0	64
137	The Insulin-sensitizing Role of the Fat Derived Hormone Adiponectin. Current Pharmaceutical Design, 2003, 9, 1411-1418.	1.9	63
138	Respiratory Quotient Is Inversely Associated with Muscle Sympathetic Nerve Activity. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 3977-3979.	3.6	62
139	Resveratrol vs. calorie restriction: Data from rodents to humans. Experimental Gerontology, 2013, 48, 1018-1024.	2.8	62
140	A standard calculation methodology for human doubly labeled water studies. Cell Reports Medicine, 2021, 2, 100203.	6.5	62
141	Have we entered the brown adipose tissue renaissance?. Obesity Reviews, 2009, 10, 265-268.	6.5	60
142	Impact of 6â€month Caloric Restriction on Autonomic Nervous System Activity in Healthy, Overweight, Individuals. Obesity, 2010, 18, 414-416.	3.0	60
143	Validation of an inexpensive and accurate mathematical method to measure long-term changes in free-living energy intake. American Journal of Clinical Nutrition, 2015, 102, 353-358.	4.7	60
144	Pathways and mechanisms linking dietary components to cardiometabolic disease: thinking beyond calories. Obesity Reviews, 2018, 19, 1205-1235.	6.5	60

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145	Intermittent Fasting and Metabolic Health: From Religious Fast to Timeâ€Restricted Feeding. Obesity, 2020, 28, S29-S37.	3.0	60
146	Weight Gain Reveals Dramatic Increases in Skeletal Muscle Extracellular Matrix Remodeling. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1749-1757.	3.6	59
147	Energy Metabolism in Obesity: Studies in the Pima Indians. Diabetes Care, 1993, 16, 232-238.	8.6	58
148	Inactivation of PKCÎ¸ leads to increased susceptibility to obesity and dietary insulin resistance in mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E84-E91.	3.5	58
149	Contribution of brown adipose tissue to human energy metabolism. Molecular Aspects of Medicine, 2019, 68, 82-89.	6.4	58
150	Impaired Insulin Sensitivity and Elevated Ectopic Fat in Healthy Obese vs. Nonobese Prepubertal Children. Obesity, 2012, 20, 371-375.	3.0	57
151	Caveolin-1 Expression and Cavin Stability Regulate Caveolae Dynamics in Adipocyte Lipid Store Fluctuation. Diabetes, 2014, 63, 4032-4044.	0.6	57
152	Oncostatin M Is Produced in Adipose Tissue and Is Regulated in Conditions of Obesity and Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E217-E225.	3.6	56
153	Physical activity in aging: Comparison among young, aged, and nonagenarian individuals. Journal of Applied Physiology, 2008, 105, 495-501.	2.5	55
154	Energy requirements in nonobese men and women: results from CALERIE. American Journal of Clinical Nutrition, 2014, 99, 71-78.	4.7	55
155	Dynamic model predicting overweight, obesity, and extreme obesity prevalence trends. Obesity, 2014, 22, 590-597.	3.0	54
156	Effect of 12 wk of resistant starch supplementation on cardiometabolic risk factors in adults with prediabetes: a randomized controlled trial. American Journal of Clinical Nutrition, 2018, 108, 492-501.	4.7	54
157	Relationship of the white blood cell count to body fat: role of leptin. British Journal of Haematology, 1997, 99, 447-451.	2.5	53
158	Leptin Replacement Prevents Weight Loss-Induced Metabolic Adaptation in Congenital Leptin-Deficient Patients. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 851-855.	3.6	53
159	The effect of caloric restriction interventions on growth hormone secretion in nonobese men and women. Aging Cell, 2010, 9, 32-39.	6.7	52
160	Microanalysis of eating behavior of three leptin deficient adults treated with leptin therapy. Appetite, 2005, 45, 75-80.	3.7	51
161	Physical Activity Level and Physical Functionality in Nonagenarians Compared to Individuals Aged 60-74 Years. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2007, 62, 783-788.	3.6	51
162	Effect of capsinoids on energy metabolism in human subjects. British Journal of Nutrition, 2010, 103, 38-42.	2.3	51

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163	Is it Time to Change the Way We Report and Discuss Weight Loss?. Obesity, 2009, 17, 619-621.	3.0	50
164	Room Indirect Calorimetry Operating and Reporting Standards (RICORS 1.0): A Guide to Conducting and Reporting Human Wholeâ€Room Calorimeter Studies. Obesity, 2020, 28, 1613-1625.	3.0	49
165	Endocrine alterations in response to calorie restriction in humans. Molecular and Cellular Endocrinology, 2009, 299, 129-136.	3.2	48
166	Effects of caloric restriction on human physiological, psychological, and behavioral outcomes: highlights from CALERIE phase 2. Nutrition Reviews, 2021, 79, 98-113.	5.8	48
167	Is caloric restriction associated with development of eating-disorder symptoms? Results from the CALERIE trial.. Health Psychology, 2008, 27, S32-S42.	1.6	48
168	Creatine (methyl-d₃) dilution in urine for estimation of total body skeletal muscle mass: accuracy and variability vs. MRI and DXA. Journal of Applied Physiology, 2018, 124, 1-9.	2.5	48
169	A NEAT Way to Control Weight?. Science, 2005, 307, 530-531.	12.6	47
170	Prevalence, awareness and control of diabetes in the Seychelles and relationship with excess body weight. BMC Public Health, 2007, 7, 163.	2.9	47
171	Developmental programming: Stateâ€ofâ€theâ€science and future directionsâ€“Summary from a Pennington Biomedical symposium. Obesity, 2016, 24, 1018-1026.	3.0	47
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