

Eric Ravussin

List of Publications by Year in descending order

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Version: 2024-02-01

408
papers

36,026
citations

2963

93
h-index

4203

174
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. <i>Nature Medicine</i> , 2011, 17, 179-188.	15.2	2,120
2	Insulin Resistance and Insulin Secretory Dysfunction as Precursors of Non-Insulin-Dependent Diabetes Mellitus: Prospective Studies of Pima Indians. <i>New England Journal of Medicine</i> , 1993, 329, 1988-1992.	13.9	1,312
3	Reduced Rate of Energy Expenditure as a Risk Factor for Body-Weight Gain. <i>New England Journal of Medicine</i> , 1988, 318, 467-472.	13.9	1,125
4	Early Time-Restricted Feeding Improves Insulin Sensitivity, Blood Pressure, and Oxidative Stress Even without Weight Loss in Men with Prediabetes. <i>Cell Metabolism</i> , 2018, 27, 1212-1221.e3.	7.2	862
5	Effect of 6-Month Calorie Restriction on Biomarkers of Longevity, Metabolic Adaptation, and Oxidative Stress in Overweight Individuals. <i>JAMA - Journal of the American Medical Association</i> , 2006, 295, 1539.	3.8	823
6	A guide to analysis of mouse energy metabolism. <i>Nature Methods</i> , 2012, 9, 57-63.	9.0	655
7	Calorie Restriction Increases Muscle Mitochondrial Biogenesis in Healthy Humans. <i>PLoS Medicine</i> , 2007, 4, e76.	3.9	654
8	Calorie restriction and aging: review of the literature and implications for studies in humans. <i>American Journal of Clinical Nutrition</i> , 2003, 78, 361-369.	2.2	618
9	Relationship of genetics, age, and physical fitness to daily energy expenditure and fuel utilization. <i>American Journal of Clinical Nutrition</i> , 1989, 49, 968-975.	2.2	560
10	Effect of Calorie Restriction With or Without Exercise on Insulin Sensitivity, β -Cell Function, Fat Cell Size, and Ectopic Lipid in Overweight Subjects. <i>Diabetes Care</i> , 2006, 29, 1337-1344.	4.3	445
11	Obesity Pathogenesis: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2017, 38, 267-296.	8.9	437
12	Effect of Alternate-Day Fasting on Weight Loss, Weight Maintenance, and Cardioprotection Among Metabolically Healthy Obese Adults. <i>JAMA Internal Medicine</i> , 2017, 177, 930.	2.6	426
13	The Relationship of Waist Circumference and BMI to Visceral, Subcutaneous, and Total Body Fat: Sex and Race Differences. <i>Obesity</i> , 2011, 19, 402-408.	1.5	421
14	Racial Differences in the Relation between Blood Pressure and Insulin Resistance. <i>New England Journal of Medicine</i> , 1991, 324, 733-739.	13.9	417
15	Increased food energy supply is more than sufficient to explain the US epidemic of obesity. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1453-1456.	2.2	414
16	Meal frequency and timing in health and disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16647-16653.	3.3	413
17	Metabolic flexibility and insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1009-E1017.	1.8	394
18	Familial Dependence of the Resting Metabolic Rate. <i>New England Journal of Medicine</i> , 1986, 315, 96-100.	13.9	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. <i>Annals of the New York Academy of Sciences</i> , 2002, 967, 363-378.	1.8	378
20	Early Time-Restricted Feeding Improves 24-Hour Glucose Levels and Affects Markers of the Circadian Clock, Aging, and Autophagy in Humans. <i>Nutrients</i> , 2019, 11, 1234.	1.7	360
21	A 2-Year Randomized Controlled Trial of Human Caloric Restriction: Feasibility and Effects on Predictors of Health Span and Longevity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1097-1104.	1.7	345
22	Metabolic Slowing and Reduced Oxidative Damage with Sustained Caloric Restriction Support the Rate of Living and Oxidative Damage Theories of Aging. <i>Cell Metabolism</i> , 2018, 27, 805-815.e4.	7.2	343
23	Effects of Traditional and Western Environments on Prevalence of Type 2 Diabetes in Pima Indians in Mexico and the U.S.. <i>Diabetes Care</i> , 2006, 29, 1866-1871.	4.3	314
24	Muscle-Specific Deletion of Carnitine Acetyltransferase Compromises Glucose Tolerance and Metabolic Flexibility. <i>Cell Metabolism</i> , 2012, 15, 764-777.	7.2	307
25	Relationships between body roundness with body fat and visceral adipose tissue emerging from a new geometrical model. <i>Obesity</i> , 2013, 21, 2264-2271.	1.5	304
26	Alternate-day fasting in nonobese subjects: effects on body weight, body composition, and energy metabolism ^{1,2} . <i>American Journal of Clinical Nutrition</i> , 2005, 81, 69-73.	2.2	299
27	Ketogenic Diets Alter the Gut Microbiome Resulting in Decreased Intestinal Th17 Cells. <i>Cell</i> , 2020, 181, 1263-1275.e16.	13.5	292
28	Leptin Mediates the Increase in Blood Pressure Associated with Obesity. <i>Cell</i> , 2014, 159, 1404-1416.	13.5	288
29	Enhanced Weight Loss With Pramlintide/Metreleptin: An Integrated Neurohormonal Approach to Obesity Pharmacotherapy. <i>Obesity</i> , 2009, 17, 1736-1743.	1.5	276
30	Metabolic and Behavioral Compensations in Response to Caloric Restriction: Implications for the Maintenance of Weight Loss. <i>PLoS ONE</i> , 2009, 4, e4377.	1.1	275
31	Adipose Tissue Collagen VI in Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 5155-5162.	1.8	268
32	Energy expenditure and body composition changes after an isocaloric ketogenic diet in overweight and obese men. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 324-333.	2.2	259
33	Effect of Calorie Restriction with or without Exercise on Body Composition and Fat Distribution. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 865-872.	1.8	256
34	A 4-wk high-fructose diet alters lipid metabolism without affecting insulin sensitivity or ectopic lipids in healthy humans. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 1374-1379.	2.2	252
35	Estimating the changes in energy flux that characterize the rise in obesity prevalence. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1723-1728.	2.2	244
36	2 years of calorie restriction and cardiometabolic risk (CALERIE): exploratory outcomes of a multicentre, phase 2, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 673-683.	5.5	239

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37	Relatively low plasma leptin concentrations precede weight gain in Pima Indians. <i>Nature Medicine</i> , 1997, 3, 238-240.	15.2	238
38	Daily energy expenditure through the human life course. <i>Science</i> , 2021, 373, 808-812.	6.0	234
39	Caloric Restriction in Humans: Impact on Physiological, Psychological, and Behavioral Outcomes. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 275-287.	2.5	228
40	Skeletal Muscle Mitochondria and Aging: A Review. <i>Journal of Aging Research</i> , 2012, 2012, 1-20.	0.4	221
41	Defining Insulin Resistance From Hyperinsulinemic-Euglycemic Clamps. <i>Diabetes Care</i> , 2012, 35, 1605-1610.	4.3	211
42	Metabolic Slowing with Massive Weight Loss despite Preservation of Fat-Free Mass. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2489-2496.	1.8	205
43	Role of adiponectin in human skeletal muscle bioenergetics. <i>Cell Metabolism</i> , 2006, 4, 75-87.	7.2	202
44	The Acyclic CB1R Inverse Agonist Taranabant Mediates Weight Loss by Increasing Energy Expenditure and Decreasing Caloric Intake. <i>Cell Metabolism</i> , 2008, 7, 68-78.	7.2	198
45	The role of mitochondria in health and disease. <i>Current Opinion in Pharmacology</i> , 2009, 9, 780-786.	1.7	195
46	Racial differences in abdominal depot-specific adiposity in white and African American adults. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 7-15.	2.2	194
47	RAPID COMMUNICATIONS: Mutations in the Preproghrelin/Ghrelin Gene Associated with Obesity in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3996-3999.	1.8	193
48	Caloric restriction alone and with exercise improves CVD risk in healthy non-obese individuals. <i>Atherosclerosis</i> , 2009, 203, 206-213.	0.4	193
49	Effect of Calorie Restriction on Resting Metabolic Rate and Spontaneous Physical Activity. <i>Obesity</i> , 2007, 15, 2964-2973.	1.5	190
50	Early Time-Restricted Feeding Reduces Appetite and Increases Fat Oxidation But Does Not Affect Energy Expenditure in Humans. <i>Obesity</i> , 2019, 27, 1244-1254.	1.5	187
51	Decreased Expression Of apM1 in Omental and Subcutaneous Adipose Tissue of Humans With Type 2 Diabetes. <i>International Journal of Experimental Diabetes Research</i> , 2000, 1, 81-88.	1.0	185
52	Effect of Satiation on Brain Activity in Obese and Lean Women. <i>Obesity</i> , 2001, 9, 676-684.	4.0	184
53	Effect of 6-Month Calorie Restriction and Exercise on Serum and Liver Lipids and Markers of Liver Function. <i>Obesity</i> , 2008, 16, 1355-1362.	1.5	178
54	COVID 19 and the Patient with Obesity – The Editors Speak Out. <i>Obesity</i> , 2020, 28, 847-847.	1.5	162

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55	Physical activity, genetic, and nutritional considerations in childhood weight management. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 2-10.	0.2	161
56	Neuroimaging and Obesity. <i>Annals of the New York Academy of Sciences</i> , 2002, 967, 389-397.	1.8	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4061-4067.	1.8	157
58	Role of Ghrelin Polymorphisms in Obesity Based on Three Different Studies. <i>Obesity</i> , 2002, 10, 782-791.	4.0	157
59	Self-reportâ€‘based estimates of energy intake offer an inadequate basis for scientific conclusions. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1413-1415.	2.2	157
60	Energy metabolism after 2 y of energy restriction: the Biosphere 2 experiment. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 946-953.	2.2	156
61	Design and Conduct of the CALERIE Study: Comprehensive Assessment of the Long-term Effects of Reducing Intake of Energy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 97-108.	1.7	151
62	Metabolically healthy and unhealthy obese â€‘ the 2013 Stockholm Conference report. <i>Obesity Reviews</i> , 2014, 15, 697-708.	3.1	149
63	Energy Metabolism and Oxidative Stress: Impact on the Metabolic Syndrome and the Aging Process. <i>Endocrine</i> , 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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3783-3791.	1.8	145
65	Brown Adipose Tissue: an Update on Recent Findings. <i>Current Obesity Reports</i> , 2017, 6, 389-396.	3.5	144
66	Assessing Risk Factors for Obesity Between Childhood and Adolescence: II. Energy Metabolism and Physical Activity. <i>Pediatrics</i> , 2002, 110, 307-314.	1.0	143
67	Decreased Expression of Adipogenic Genes in Obese Subjects with Type 2 Diabetes. <i>Obesity</i> , 2006, 14, 1543-1552.	1.5	141
68	The Implication of Brown Adipose Tissue for Humans. <i>Annual Review of Nutrition</i> , 2011, 31, 33-47.	4.3	140
69	Higher sedentary energy expenditure in patients with Huntington's disease. <i>Annals of Neurology</i> , 2000, 47, 64-70.	2.8	138
70	Measurement of dietary restraint: Validity tests of four questionnaires. <i>Appetite</i> , 2007, 48, 183-192.	1.8	137
71	Total body skeletal muscle mass: estimation by creatine (<i>methyl</i> -d ³) dilution in humans. <i>Journal of Applied Physiology</i> , 2014, 116, 1605-1613.	1.2	136
72	Glucose Tolerance and Skeletal Muscle Gene Expression in Response to Alternate Day Fasting. <i>Obesity</i> , 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.	1.4	130
75	Effects of 2-year calorie restriction on circulating levels of IGF-1, IGF-binding proteins and cortisol in nonobese men and women: a randomized clinical trial. Aging Cell, 2016, 15, 22-27.	3.0	130
76	Energy balance and weight regulation: genetics versus environment. British Journal of Nutrition, 2000, 83, S17-S20.	1.2	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.	1.8	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.	0.9	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.	1.8	126
80	Energy metabolism in African Americans: potential risk factors for obesity. American Journal of Clinical Nutrition, 1999, 70, 13-20.	2.2	125
81	Ethnic Differences in Insulinemia and Sympathetic Tone as Links Between Obesity and Blood Pressure. Hypertension, 2000, 36, 531-537.	1.3	123
82	The energy balance model of obesity: beyond calories in, calories out. American Journal of Clinical Nutrition, 2022, 115, 1243-1254.	2.2	123
83	Sex differences in the human brain's response to hunger and satiation. American Journal of Clinical Nutrition, 2002, 75, 1017-1022.	2.2	120
84	Caloric restriction in humans reveals immunometabolic regulators of health span. Science, 2022, 375, 671-677.	6.0	118
85	Effect of 8 Weeks of Overfeeding on Ectopic Fat Deposition and Insulin Sensitivity: Testing the Adipose Tissue Expandability Hypothesis. Diabetes Care, 2014, 37, 2789-2797.	4.3	117
86	Metabolic predictors of weight gain. International Journal of Obesity, 1999, 23, S37-S41.	1.6	113
87	Metabolic differences and the development of obesity. Metabolism: Clinical and Experimental, 1995, 44, 12-14.	1.5	112
88	Estimating the effects of energy imbalance on changes in body weight in children. American Journal of Clinical Nutrition, 2006, 83, 859-863.	2.2	103
89	Analysis of energy metabolism in humans: A review of methodologies. Molecular Metabolism, 2016, 5, 1057-1071.	3.0	103
90	Muscle-associated Triglyceride Measured by Computed Tomography and Magnetic Resonance Spectroscopy. Obesity, 2006, 14, 73-87.	1.5	102

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91	Brown Adipose Tissue. <i>Circulation</i> , 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. <i>Diabetes</i> , 2008, 57, 841-845.	0.3	100
93	A Low Sympathoadrenal Activity is Associated with Body Weight Gain and Development of Central Adiposity in Pima Indian Men. <i>Obesity</i> , 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. <i>Pediatrics</i> , 2002, 110, 299-306.	1.0	99
95	Habitual physical activity in children: the role of genes and the environment. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 901-908.	2.2	99
96	Effect of caloric restriction in non-obese humans on physiological, psychological and behavioral outcomes. <i>Physiology and Behavior</i> , 2008, 94, 643-648.	1.0	99
97	Whole-body energy metabolism and skeletal muscle biochemical characteristics. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 481-486.	1.5	98
98	Adipogenic Human Adenovirus Ad-36 Induces Commitment, Differentiation, and Lipid Accumulation in Human Adipose-Derived Stem Cells. <i>Stem Cells</i> , 2008, 26, 969-978.	1.4	98
99	Relationship Between Muscle Sympathetic Nerve Activity and Plasma Leptin Concentration. <i>Obesity</i> , 1997, 5, 338-340.	4.0	94
100	Metabolic Changes Following a 1-Year Diet and Exercise Intervention in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2010, 59, 627-633.	0.3	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. <i>Clinical Nutrition</i> , 2018, 37, 1871-1878.	2.3	93
102	The thermic effect of carbohydrate versus fat feeding in man. <i>Metabolism: Clinical and Experimental</i> , 1985, 34, 285-293.	1.5	92
103	Ethnic-specific BMI and Waist Circumference Thresholds. <i>Obesity</i> , 2011, 19, 1272-1278.	1.5	92
104	Energy balance or fat balance?. <i>American Journal of Clinical Nutrition</i> , 1993, 57, 766S-771S.	2.2	89
105	Lack of an Effect of a Novel β -3-Adrenoceptor Agonist, TAK-677, on Energy Metabolism in Obese Individuals: A Double-Blind, Placebo-Controlled Randomized Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 527-531.	1.8	89
106	Approaches for quantifying energy intake and %calorie restriction during calorie restriction interventions in humans: the multicenter CALERIE study. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E441-E448.	1.8	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. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 913-927.	2.2	87
108	Indirect calorimetry: an indispensable tool to understand and predict obesity. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 318-322.	1.3	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. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E396-E405.	1.8	85
110	Mutations in the adiponectin gene in lean and obese subjects from the Swedish obese subjects cohort. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 881-884.	1.5	83
111	Validation study of energy expenditure and intake during calorie restriction using doubly labeled water and changes in body composition. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 73-79.	2.2	83
112	Human genomics and obesity: finding appropriate drug targets. <i>European Journal of Pharmacology</i> , 2000, 410, 131-145.	1.7	82
113	Energy Intake and Physical Activity in Pima Indians: Comparison with Energy Expenditure Measured by Doubly Labeled Water. <i>Obesity</i> , 1994, 2, 541-548.	4.0	81
114	Regulation of Skeletal Muscle Oxidative Capacity and Insulin Signaling by the Mitochondrial Rhomboid Protease PARL. <i>Cell Metabolism</i> , 2010, 11, 412-426.	7.2	81
115	Dynamics of adipose tissue turnover in human metabolic health and disease. <i>Diabetologia</i> , 2019, 62, 17-23.	2.9	81
116	Examination of Cognitive Function During Six Months of Calorie Restriction: Results of a Randomized Controlled Trial. <i>Rejuvenation Research</i> , 2007, 10, 179-190.	0.9	80
117	Ectopic Lipid Accumulation and Reduced Glucose Tolerance in Elderly Adults Are Accompanied by Altered Skeletal Muscle Mitochondrial Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 242-250.	1.8	80
118	Calorie Restriction and Bone Health in Young, Overweight Individuals. <i>Archives of Internal Medicine</i> , 2008, 168, 1859.	4.3	80
119	Glucose ingestion during exercise blunts exercise-induced gene expression of skeletal muscle fat oxidative genes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E1023-E1029.	1.8	79
120	Aging, Resting Metabolic Rate, and Oxidative Damage: Results From the Louisiana Healthy Aging Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 752-759.	1.7	79
121	Caloric Restriction with or without Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 152-159.	0.2	77
122	Reduced Oxygenation in Human Obese Adipose Tissue Is Associated with Impaired Insulin Suppression of Lipolysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 4052-4055.	1.8	77
123	Human Uncoupling Proteins and Obesity. <i>Obesity</i> , 1999, 7, 97-105.	4.0	75
124	<i>HRAS1</i> and <i>LASS1</i> with <i>APOE</i> are associated with human longevity and healthy aging. <i>Aging Cell</i> , 2010, 9, 698-708.	3.0	75
125	Glucose and Lipid Homeostasis and Inflammation in Humans Following an Isocaloric Ketogenic Diet. <i>Obesity</i> , 2019, 27, 971-981.	1.5	75
126	Decreasing the Rate of Metabolic Ketone Reduction in the Discovery of a Clinical Acetyl-CoA Carboxylase Inhibitor for the Treatment of Diabetes. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10512-10526.	2.9	74

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127	A comparison of bioimpedance methods for detection of body cell mass change in HIV infection. <i>Journal of Applied Physiology</i> , 2000, 88, 944-956.	1.2	73
128	Lower Total Adipocyte Number but No Evidence for Small Adipocyte Depletion in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2009, 32, 900-902.	4.3	73
129	Metabolic adaptation following massive weight loss is related to the degree of energy imbalance and changes in circulating leptin. <i>Obesity</i> , 2014, 22, n/a-n/a.	1.5	71
130	In Vitro Cellular Adaptations of Indicators of Longevity in Response to Treatment with Serum Collected from Humans on Calorie Restricted Diets. <i>PLoS ONE</i> , 2008, 3, e3211.	1.1	68
131	Regions of the human brain affected during a liquid-meal taste perception in the fasting state: a positron emission tomography study. <i>American Journal of Clinical Nutrition</i> , 1999, 70, 806-810.	2.2	67
132	Adipose tissue distribution in relation to insulin resistance in type 2 diabetes mellitus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E435-E442.	1.8	67
133	Minireview: Mitochondrial Energetics and Insulin Resistance. <i>Endocrinology</i> , 2008, 149, 950-954.	1.4	66
134	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1512-E1516.	1.8	65
135	Low Plasma Leptin Concentration and Low Rates of Fat Oxidation in Weight-stable Post-obese Subjects. <i>Obesity</i> , 2000, 8, 205-210.	4.0	64
136	The Insulin-sensitizing Role of the Fat Derived Hormone Adiponectin. <i>Current Pharmaceutical Design</i> , 2003, 9, 1411-1418.	0.9	63
137	Respiratory Quotient Is Inversely Associated with Muscle Sympathetic Nerve Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3977-3979.	1.8	62
138	Resveratrol vs. calorie restriction: Data from rodents to humans. <i>Experimental Gerontology</i> , 2013, 48, 1018-1024.	1.2	62
139	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021, 2, 100203.	3.3	62
140	Have we entered the brown adipose tissue renaissance?. <i>Obesity Reviews</i> , 2009, 10, 265-268.	3.1	60
141	Impact of 6-month Caloric Restriction on Autonomic Nervous System Activity in Healthy, Overweight, Individuals. <i>Obesity</i> , 2010, 18, 414-416.	1.5	60
142	Validation of an inexpensive and accurate mathematical method to measure long-term changes in free-living energy intake. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 353-358.	2.2	60
143	Pathways and mechanisms linking dietary components to cardiometabolic disease: thinking beyond calories. <i>Obesity Reviews</i> , 2018, 19, 1205-1235.	3.1	60
144	Intermittent Fasting and Metabolic Health: From Religious Fast to Time-Restricted Feeding. <i>Obesity</i> , 2020, 28, S29-S37.	1.5	60

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145	Weight Gain Reveals Dramatic Increases in Skeletal Muscle Extracellular Matrix Remodeling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1749-1757.	1.8	59
146	Energy Metabolism in Obesity: Studies in the Pima Indians. <i>Diabetes Care</i> , 1993, 16, 232-238.	4.3	58
147	Inactivation of PKC δ leads to increased susceptibility to obesity and dietary insulin resistance in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E84-E91.	1.8	58
148	Contribution of brown adipose tissue to human energy metabolism. <i>Molecular Aspects of Medicine</i> , 2019, 68, 82-89.	2.7	58
149	Impaired Insulin Sensitivity and Elevated Ectopic Fat in Healthy Obese vs. Nonobese Prepubertal Children. <i>Obesity</i> , 2012, 20, 371-375.	1.5	57
150	Caveolin-1 Expression and Cavin Stability Regulate Caveolae Dynamics in Adipocyte Lipid Store Fluctuation. <i>Diabetes</i> , 2014, 63, 4032-4044.	0.3	57
151	Oncostatin M Is Produced in Adipose Tissue and Is Regulated in Conditions of Obesity and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E217-E225.	1.8	56
152	Physical activity in aging: Comparison among young, aged, and nonagenarian individuals. <i>Journal of Applied Physiology</i> , 2008, 105, 495-501.	1.2	55
153	Energy requirements in nonobese men and women: results from CALERIE. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 71-78.	2.2	55
154	Dynamic model predicting overweight, obesity, and extreme obesity prevalence trends. <i>Obesity</i> , 2014, 22, 590-597.	1.5	54
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