

Eric Ravussin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

387
papers

27,607
citations

87
h-index

156
g-index

419
ext. papers

31,811
ext. citations

8.4
avg, IF

7.08
L-index

#	Paper	IF	Citations
387	The energy balance model of obesity: beyond calories in, calories out.. <i>American Journal of Clinical Nutrition</i> , 2022 ,	7	13
386	Validity of four commercially available metabolic carts for assessing resting metabolic rate and respiratory exchange ratio in non-ventilated humans.. <i>Clinical Nutrition</i> , 2022 , 41, 746-754	5.9	1
385	Caloric restriction in humans reveals immunometabolic regulators of health span.. <i>Science</i> , 2022 , 375, 671-677	33.3	13
384	Misleading or factually incorrect statements in the American Journal of Clinical Nutrition Perspectives article by Ludwig et al.. <i>American Journal of Clinical Nutrition</i> , 2022 , 115, 591-592	7	0
383	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition.. <i>Nature Communications</i> , 2022 , 13, 99	17.4	0
382	Beyond appetite regulation: Targeting energy expenditure, fat oxidation, and lean mass preservation for sustainable weight loss.. <i>Obesity</i> , 2022 , 30, 841-857	8	1
381	Challenges in defining successful adherence to calorie restriction goals in humans: Results from CALERIE2.. <i>Experimental Gerontology</i> , 2022 , 162, 111757	4.5	0
380	Effect of 8 weeks of supervised overfeeding on eating attitudes and behaviors, eating disorder symptoms, and body image: Results from the PROOF and EAT studies. <i>Eating Behaviors</i> , 2021 , 43, 101570	7	0
379	Effect of 2-year caloric restriction on organ and tissue size in nonobese 21- to 50-year-old adults in a randomized clinical trial: the CALERIE study. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1295-1303	7	1
378	Adipose depot-specific effects of 16 weeks of pioglitazone on in vivo adipogenesis in women with obesity: a randomised controlled trial. <i>Diabetologia</i> , 2021 , 64, 159-167	10.3	8
377	Effect of 2 years of calorie restriction on liver biomarkers: results from the CALERIE phase 2 randomized controlled trial. <i>European Journal of Nutrition</i> , 2021 , 60, 1633-1643	5.2	4
376	Effects of caloric restriction on human physiological, psychological, and behavioral outcomes: highlights from CALERIE phase 2. <i>Nutrition Reviews</i> , 2021 , 79, 98-113	6.4	16
375	Molecular correlates of MRS-based phosphocreatine muscle resynthesis rate in healthy adults. <i>NMR in Biomedicine</i> , 2021 , 34, e4402	4.4	
374	Impact of a Novel Training Approach on Hemodynamic and Vascular Profiles in Older Adults. <i>Journal of Aging and Physical Activity</i> , 2021 , 1-8	1.6	
373	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021 , 2, 100203	18	21
372	Daily energy expenditure through the human life course. <i>Science</i> , 2021 , 373, 808-812	33.3	43
371	Reliability of measurements of energy expenditure and substrate oxidation using whole-room indirect calorimetry. <i>Obesity</i> , 2021 , 29, 1508-1515	8	3

370	Physical activity and fat-free mass during growth and in later life. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1583-1589	7	3
369	Effect of Aerobic Exercise-induced Weight Loss on the Components of Daily Energy Expenditure. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 2164-2172	1.2	1
368	Association between the FTO rs9939609 single nucleotide polymorphism and dietary adherence during a 2-year caloric restriction intervention: Exploratory analyses from CALERIE phase 2. <i>Experimental Gerontology</i> , 2021 , 155, 111555	4.5	2
367	Metabolic adaptation: is it really an illusion?. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 1653-1654	7	2
366	What Should I Eat and Why? The Environmental, Genetic, and Behavioral Determinants of Food Choice: Summary from a Pennington Scientific Symposium. <i>Obesity</i> , 2020 , 28, 1386-1396	8	2
365	Effect of conjugated estrogens and bazedoxifene on glucose, energy and lipid metabolism in obese postmenopausal women. <i>European Journal of Endocrinology</i> , 2020 , 183, 439-452	6.5	3
364	Effect of conjugated estrogens and bazedoxifene on glucose, energy and lipid metabolism in obese postmenopausal women. <i>European Journal of Endocrinology</i> , 2020 , 183, 439-452	6.5	3
363	Ketogenic Diets Alter the Gut Microbiome Resulting in Decreased Intestinal Th17 Cells. <i>Cell</i> , 2020 , 181, 1263-1275.e16	56.2	126
362	Increased Energy Intake After Pregnancy Determines Postpartum Weight Retention in Women With Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	7
361	The Environmental Foodprint of Obesity. <i>Obesity</i> , 2020 , 28, 73-79	8	17
360	A Novel Approach to Assess Metabolic Flexibility Overnight in a Whole-Body Room Calorimeter. <i>Obesity</i> , 2020 , 28, 2073-2077	8	3
359	Energy Expenditure and Macronutrient Oxidation in Response to an Individualized Nonshivering Cooling Protocol. <i>Obesity</i> , 2020 , 28, 2175-2183	8	
358	Intermittent Fasting and Metabolic Health: From Religious Fast to Time-Restricted Feeding. <i>Obesity</i> , 2020 , 28 Suppl 1, S29-S37	8	18
357	Assessment of energy expenditure: are calories measured differently for different diets?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020 , 23, 312-318	3.8	2
356	Room Indirect Calorimetry Operating and Reporting Standards (RICORS 1.0): A Guide to Conducting and Reporting Human Whole-Room Calorimeter Studies. <i>Obesity</i> , 2020 , 28, 1613-1625	8	19
355	Two weeks of moderate hypoxia improves glucose tolerance in individuals with type 2 diabetes. <i>International Journal of Obesity</i> , 2020 , 44, 744-747	5.5	4
354	Resistant Starch Has No Effect on Appetite and Food Intake in Individuals with Prediabetes. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020 , 120, 1034-1041	3.9	8
353	In Pursuit of a Biomarker of Weight Gain Susceptibility-Is FGF21 a Candidate?. <i>Diabetes</i> , 2019 , 68, 266-267	7.9	3

352	Metabolic adaptation is not observed after 8 weeks of overfeeding but energy expenditure variability is associated with weight recovery. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 805-813	7	15
351	The RNA binding protein HuR influences skeletal muscle metabolic flexibility in rodents and humans. <i>Metabolism: Clinical and Experimental</i> , 2019 , 97, 40-49	12.7	11
350	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,	6.7	168
349	Glucose and Lipid Homeostasis and Inflammation in Humans Following an Isocaloric Ketogenic Diet. <i>Obesity</i> , 2019 , 27, 971-981	8	45
348	The Expression of Adipose Tissue-Derived Cardiostrophin-1 in Humans with Obesity. <i>Biology</i> , 2019 , 8,	4.9	6
347	Methodologic considerations for measuring energy expenditure differences between diets varying in carbohydrate using the doubly labeled water method. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1328-1334	7	27
346	Body Composition, IGF1 Status, and Physical Functionality in Nonagenarians: Implications for Osteosarcopenia. <i>Journal of the American Medical Directors Association</i> , 2019 , 20, 70-75.e2	5.9	11
345	Progress and challenges in analyzing rodent energy expenditure. <i>Nature Methods</i> , 2019 , 16, 797-799	21.6	19
344	Contribution of brown adipose tissue to human energy metabolism. <i>Molecular Aspects of Medicine</i> , 2019 , 68, 82-89	16.7	35
343	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	18.1	112
342	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	8	104
341	Reply to DS Ludwig et al. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1255-1256	7	
340	Evidence-based recommendations for energy intake in pregnant women with obesity. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4682-4690	15.9	13
339	FOXN3 hyperglycemic risk allele and insulin sensitivity in humans. <i>BMJ Open Diabetes Research and Care</i> , 2019 , 7, e000688	4.5	1
338	Reply to B Halpern. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1514	7	
337	Is Energy Balance in Pregnancy Involved in the Etiology of Gestational Diabetes in Women with Obesity?. <i>Cell Metabolism</i> , 2019 , 29, 231-233	24.6	5
336	Deep Brain Stimulation of the Hypothalamus Leads to Increased Metabolic Rate in Refractory Obesity. <i>World Neurosurgery</i> , 2019 , 121, e867-e874	2.1	11
335	Dynamics of adipose tissue turnover in human metabolic health and disease. <i>Diabetologia</i> , 2019 , 62, 17-23	10.3	42

334	Determining the Accuracy and Reliability of Indirect Calorimeters Utilizing the Methanol Combustion Technique. <i>Nutrition in Clinical Practice</i> , 2018 , 33, 206-216	3.6	15
333	Three New Perspectives on the Perfect Storm: What's Behind the Obesity Epidemic?. <i>Obesity</i> , 2018 , 26, 9-10	8	26
332	Role of resistant starch on diabetes risk factors in people with prediabetes: Design, conduct, and baseline results of the STARCH trial. <i>Contemporary Clinical Trials</i> , 2018 , 65, 99-108	2.3	18
331	Skeletal muscle ceramides and daily fat oxidation in obesity and diabetes. <i>Metabolism: Clinical and Experimental</i> , 2018 , 82, 118-123	12.7	23
330	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	24.6	229
329	Metabolic flexibility to lipid availability during exercise is enhanced in individuals with high insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E715-E722	6	14
328	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	6	59
327	Effect of 12 wk of resistant starch supplementation on cardiometabolic risk factors in adults with prediabetes: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 492-501	7	42
326	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	24.6	453
325	Is activation of human brown adipose tissue a viable target for weight management?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R479-R483	3.2	20
324	Energy Expenditure in Pregnant Women with Obesity Does Not Support Energy Intake Recommendations. <i>Obesity</i> , 2018 , 26, 992-999	8	18
323	Racial differences in in vivo adipose lipid kinetics in humans. <i>Journal of Lipid Research</i> , 2018 , 59, 1738-1745	4.3	7
322	Creatine (methyl-d) dilution in urine for estimation of total body skeletal muscle mass: accuracy and variability vs. MRI and DXA. <i>Journal of Applied Physiology</i> , 2018 , 124, 1-9	3.7	30
321	Propensity for excess gestational weight gain in African-American women may be explained by hypometabolic factors in early pregnancy. <i>FASEB Journal</i> , 2018 , 32, 604.8	0.9	
320	PRIME: A Novel Low-Mass, High-Repetition Approach to Improve Function in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1005-1014	1.2	4
319	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	5.9	47
318	Impact of prolonged overfeeding on skeletal muscle mitochondria in healthy individuals. <i>Diabetologia</i> , 2018 , 61, 466-475	10.3	12
317	Secretin: An Old Hormone with a Burning Secret. <i>Cell</i> , 2018 , 175, 1459-1460	56.2	3

316	Jean-Pierre Flatt, PhD (1933-2018). <i>Obesity</i> , 2018 , 26, 1823-1824	8	
315	Metabolic inflexibility in women with PCOS is similar to women with type 2 diabetes. <i>Nutrition and Metabolism</i> , 2018 , 15, 75	4.6	12
314	Pathways and mechanisms linking dietary components to cardiometabolic disease: thinking beyond calories. <i>Obesity Reviews</i> , 2018 , 19, 1205-1235	10.6	37
313	Analysis of type 2 diabetes and obesity genetic variants in Mexican Pima Indians: Marked allelic differentiation among Amerindians at HLA. <i>Annals of Human Genetics</i> , 2018 , 82, 287-299	2.2	5
312	Sex Difference In the Effect of Fetal Exposure to Maternal Diabetes on Insulin Secretion. <i>Journal of the Endocrine Society</i> , 2018 , 2, 391-397	0.4	6
311	Propensity for adverse pregnancy outcomes in African-American women may be explained by low energy expenditure in early pregnancy. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 957-964	7	7
310	Energy expenditure and substrate oxidation in White and African American young adults without obesity. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 920-922	5.2	10
309	Brown adipose tissue does not seem to mediate metabolic adaptation to overfeeding in men. <i>Obesity</i> , 2017 , 25, 502-505	8	24
308	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	7	63
307	Persistence of weight loss and acquired behaviors 2 y after stopping a 2-y calorie restriction intervention. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 928-935	7	17
306	Eight weeks of overfeeding alters substrate partitioning without affecting metabolic flexibility in men. <i>International Journal of Obesity</i> , 2017 , 41, 887-893	5.5	9
305	Association of In Vivo Adipose Tissue Cellular Kinetics With Markers of Metabolic Health in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2171-2178	5.6	13
304	Effect of Alternate-Day Fasting on Weight Loss, Weight Maintenance, and Cardioprotection Among Metabolically Healthy Obese Adults: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2017 , 177, 930-938	11.5	248
303	Assessing Energy Requirements in Women With Polycystic Ovary Syndrome: A Comparison Against Doubly Labeled Water. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1951-1959	5.6	1
302	Examination of carnitine palmitoyltransferase 1 abundance in white adipose tissue: implications in obesity research. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 312, R816-R820	3.2	26
301	Assessment of EchoMRI-AH versus dual-energy X-ray absorptiometry by iDXA to measure human body composition. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 558-560	5.2	1
300	Intramyocellular Lipid Droplet Size Rather Than Total Lipid Content is Related to Insulin Sensitivity After 8 Weeks of Overfeeding. <i>Obesity</i> , 2017 , 25, 2079-2087	8	16
299	Variations in energy intake: it is more complicated than we think. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 1169-1170	7	14

298	Effects of 12 Months of Caloric Restriction on Muscle Mitochondrial Function in Healthy Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 111-121	5.6	23
297	Brown Adipose Tissue: an Update on Recent Findings. <i>Current Obesity Reports</i> , 2017 , 6, 389-396	8.4	75
296	Obesity Pathogenesis: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2017 , 38, 267-296	27.2	264
295	Indirect calorimetry: an indispensable tool to understand and predict obesity. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 318-322	5.2	53
294	Sample Size Matters When Drawing Conclusions on Alternate-Day Fasting Diet-Reply. <i>JAMA Internal Medicine</i> , 2017 , 177, 1701	11.5	1
293	Role of the Adipocyte in Metabolism and Endocrine Function 2016 , 627-647.e9		4
292	Reply to DS Ludwig and CB Ebbeling. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1488-1490	7	5
291	Developmental programming: State-of-the-science and future directions-Summary from a Pennington Biomedical symposium. <i>Obesity</i> , 2016 , 24, 1018-26	8	32
290	Energy Intake and Energy Expenditure for Determining Excess Weight Gain in Pregnant Women. <i>Obstetrics and Gynecology</i> , 2016 , 127, 884-892	4.9	22
289	Single nucleotide polymorphisms linked to mitochondrial uncoupling protein genes UCP2 and UCP3 affect mitochondrial metabolism and healthy aging in female nonagenarians. <i>Biogerontology</i> , 2016 , 17, 725-36	4.5	12
288	Association of Plasma Small-Molecule Intermediate Metabolites With Age and Body Mass Index Across Six Diverse Study Populations. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 1507-1513	6.4	16
287	Differences in In Vivo Cellular Kinetics in Abdominal and Femoral Subcutaneous Adipose Tissue in Women. <i>Diabetes</i> , 2016 , 65, 1642-7	0.9	22
286	Prepubertal children exposed to concentrated disadvantage: An exploratory analysis of inflammation and metabolic dysfunction. <i>Obesity</i> , 2016 , 24, 1148-53	8	5
285	Six-month Calorie Restriction in Overweight Individuals Elicits Transcriptomic Response in Subcutaneous Adipose Tissue That is Distinct From Effects of Energy Deficit. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 1258-65	6.4	10
284	Safety of two-year caloric restriction in non-obese healthy individuals. <i>Oncotarget</i> , 2016 , 7, 19124-33	3.3	38
283	Calorie Restriction in Humans 2016 , 677-692		4
282	Impact of Different Fecal Processing Methods on Assessments of Bacterial Diversity in the Human Intestine. <i>Frontiers in Microbiology</i> , 2016 , 7, 1643	5.7	29
281	Myokine Expression in Muscle and Myotubes in Response to Exercise Stimulation. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 384-90	1.2	20

280	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, 324-33	7	171
279	Differences in Mitochondrial Coupling Reveal a Novel Signature of Mitohormesis in Muscle of Healthy Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4994-5003	5.6	5
278	Analysis of energy metabolism in humans: A review of methodologies. <i>Molecular Metabolism</i> , 2016 , 5, 1057-1071	8.8	71
277	Energy Metabolic Adaptation and Cardiometabolic Improvements One Year After Gastric Bypass, Sleeve Gastrectomy, and Gastric Band. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3755-3764	5.6	23
276	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. <i>Aging Cell</i> , 2016 , 15, 22-7	9.9	101
275	The thermogenic responses to overfeeding and cold are differentially regulated. <i>Obesity</i> , 2016 , 24, 96-101	10.1	23
274	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, 353-8	7	51
273	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, 1097-104	6.4	254
272	Effect of 6-month caloric restriction on Cu bound to ceruloplasmin in adult overweight subjects. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 876-82	6.3	2
271	The role of energy metabolism in the regulation of energy balance 2015 , 479-488		
270	Environmentally Driven Increases in Type 2 Diabetes and Obesity in Pima Indians and Non-Pimas in Mexico Over a 15-Year Period: The Maycoba Project. <i>Diabetes Care</i> , 2015 , 38, 2075-82	14.6	28
269	Perilipin 3 Differentially Regulates Skeletal Muscle Lipid Oxidation in Active, Sedentary, and Type 2 Diabetic Males. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3683-92	5.6	29
268	Anti-aging Effects of Nutritional Modification: The State of the Science on Calorie Restriction 2015 , 315-334		1
267	Low levels of lipopolysaccharide modulate mitochondrial oxygen consumption in skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 416-27	12.7	32
266	Response to "The need for people-first language in our Obesity journal". <i>Obesity</i> , 2015 , 23, 918	8	7
265	Eight weeks of dietary overfeeding increases renal filtration rates in humans: implications for the pathogenesis of diabetic hyperfiltration. <i>Journal of Internal Medicine</i> , 2015 , 278, 396-400	10.8	1
264	Physical Activity and the Missing Calories. <i>Exercise and Sport Sciences Reviews</i> , 2015 , 43, 107-8	6.7	5
263	Effect of serial cell passaging in the retention of fiber type and mitochondrial content in primary human myotubes. <i>Obesity</i> , 2015 , 23, 2414-20	8	2

262	Rôle du métabolisme hépatique dans la régulation du bilan d'énergie. <i>Cahiers De Nutrition Et De Dietetique</i> , 2015 , 50, 6S7-6S14	0.2	
261	Potential effects of aerobic exercise on the expression of perilipin 3 in the adipose tissue of women with polycystic ovary syndrome: a pilot study. <i>European Journal of Endocrinology</i> , 2015 , 172, 47-58	6.5	11
260	Kidney Dysfunction in Adult Offspring Exposed In Utero to Type 1 Diabetes Is Associated with Alterations in Genome-Wide DNA Methylation. <i>PLoS ONE</i> , 2015 , 10, e0134654	3.7	21
259	Weight gain reveals dramatic increases in skeletal muscle extracellular matrix remodeling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 1749-57	5.6	49
258	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, E217-25	5.6	41
257	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, 16647-53	11.5	294
256	Determinants of sedentary 24-h energy expenditure: equations for energy prescription and adjustment in a respiratory chamber. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 834-42	7	26
255	Fasting plasma adiponin concentrations correlate with fat consumption in human females. <i>Obesity</i> , 2014 , 22, 1056-63	8	28
254	Caveolin-1 expression and cavin stability regulate caveolae dynamics in adipocyte lipid store fluctuation. <i>Diabetes</i> , 2014 , 63, 4032-44	0.9	47
253	Energy requirements in nonobese men and women: results from CALERIE. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 71-8	7	46
252	Dynamic model predicting overweight, obesity, and extreme obesity prevalence trends. <i>Obesity</i> , 2014 , 22, 590-7	8	40
251	Total body skeletal muscle mass: estimation by creatine (methyl-d3) dilution in humans. <i>Journal of Applied Physiology</i> , 2014 , 116, 1605-13	3.7	88
250	Inverse correlation of serum inflammatory markers with metabolic parameters in healthy, Black and White prepubertal youth. <i>International Journal of Obesity</i> , 2014 , 38, 563-8	5.5	12
249	Leptin mediates the increase in blood pressure associated with obesity. <i>Cell</i> , 2014 , 159, 1404-16	56.2	232
248	Effect of 8 weeks of overfeeding on ectopic fat deposition and insulin sensitivity: testing the "adipose tissue expandability" hypothesis. <i>Diabetes Care</i> , 2014 , 37, 2789-97	14.6	96
247	Response to comment on Lecoultre et al. Ten nights of moderate hypoxia improves insulin sensitivity in obese humans. <i>Diabetes care</i> 2013;36:e197-e198. <i>Diabetes Care</i> , 2014 , 37, e157-8	14.6	
246	Study design of the Maycoba Project: obesity and diabetes in Mexican Pimas. <i>American Journal of Health Behavior</i> , 2014 , 38, 370-8	1.9	5
245	Metabolic adaptation following massive weight loss is related to the degree of energy imbalance and changes in circulating leptin. <i>Obesity</i> , 2014 , 22, 2563-9	8	57

244	Relationship between whole-body macronutrient oxidative partitioning and pancreatic insulin secretion/cell function in non-diabetic humans. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 1426-31	12.7	6
243	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, 10512-26	8.3	60
242	Metabolically healthy and unhealthy obese--the 2013 Stock Conference report. <i>Obesity Reviews</i> , 2014 , 15, 697-708	10.6	118
241	Lipid in skeletal muscle myotubes is associated to the donors' insulin sensitivity and physical activity phenotypes. <i>Obesity</i> , 2014 , 22, 426-34	8	19
240	An objective estimate of energy intake during weight gain using the intake-balance method. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 806-12	7	15
239	An elevation of resting metabolic rate with declining health in nonagenarians may be associated with decreased muscle mass and function in women and men, respectively. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 650-6	6.4	29
238	No effect of caloric restriction on salivary cortisol levels in overweight men and women. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 194-8	12.7	17
237	Meta-analysis of global metabolomic data identifies metabolites associated with life-span extension. <i>Metabolomics</i> , 2014 , 10, 737-743	4.7	23
236	Skeletal muscle perilipin 3 and coatomer proteins are increased following exercise and are associated with fat oxidation. <i>PLoS ONE</i> , 2014 , 9, e91675	3.7	36
235	Cardiovascular risk escalation with caloric excess: a prospective demonstration of the mechanics in healthy adults. <i>Cardiovascular Diabetology</i> , 2013 , 12, 23	8.7	12
234	Activity related energy expenditure, appetite and energy intake: potential implications for weight management. <i>Appetite</i> , 2013 , 67, 1-7	4.5	13
233	Unlocking the barriers to improved functional capacity in the elderly: rationale and design for the "Fit for Life trial". <i>Contemporary Clinical Trials</i> , 2013 , 36, 266-75	2.3	7
232	Resveratrol vs. calorie restriction: data from rodents to humans. <i>Experimental Gerontology</i> , 2013 , 48, 1018-24	4.5	53
231	Response to Comment on: Tam et al. Defining insulin resistance from hyperinsulinemic-euglycemic clamps. <i>Diabetes Care</i> 2012;35:1605-1610. <i>Diabetes Care</i> , 2013 , 36, e11	14.6	1
230	Ten nights of moderate hypoxia improves insulin sensitivity in obese humans. <i>Diabetes Care</i> , 2013 , 36, e197-8	14.6	37
229	Lateral hypothalamic area deep brain stimulation for refractory obesity: a pilot study with preliminary data on safety, body weight, and energy metabolism. <i>Journal of Neurosurgery</i> , 2013 , 119, 56-63	3.2	106
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