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## Diet induced thermogenesis

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313	Resting energy expenditure is not influenced by classical music. <b>2005</b> , 4, 6		5
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311	A commercial R&D perspective on weight control foods and ingredients. <b>2005</b> , 493-510		
310	Diet-induced thermogenesis and glucose oxidation in broiler chickens: influence of genotype and diet composition. <b>2006</b> , 85, 731-42		34
309	The musclefat duel or why obese children are taller?. <b>2006</b> , 6, 33		7
308	Body mass regulation at altitude. <b>2006</b> , 18, 1-3		53
307	Low-versus high-glycemic index diets in women: effects on caloric requirement, substrate utilization and insulin sensitivity. <b>2007</b> , 5, 231-42		17
306	Whole body and muscle energy metabolism in preruminant calves: effects of nutrient synchrony and physical activity. <b>2007</b> , 97, 667-75		7
305	Low-carbohydrate diets cause obesity, low-carbohydrate diets reverse obesity: a metabolic mechanism resolving the paradox. <b>2007</b> , 48, 135-8		27
304	Disruption of BCATm in mice leads to increased energy expenditure associated with the activation of a futile protein turnover cycle. <b>2007</b> , 6, 181-94		266
303	Low muscle masstall and obese children a special genre of obesity. <b>2007</b> , 68, 750-5		6
302	Further investigations on the role of diet-induced thermogenesis in the regulation of feed intake in chickens: comparison of adult cockerels of lines selected for high or low residual feed intake. <b>2007</b> , 86, 1960-71		24
301	Nonequilibrium thermodynamics and energy efficiency in weight loss diets. <b>2007</b> , 4, 27		34
300	Increased oxidative properties of gastrocnemius in rats fed on a high-protein diet. 2008, 19, 26-32		11
299	IAAT, catecholamines, and parity in African-American and European-American women. 2008, 16, 797-80	)3	8
298	Efficiency of intermittent exercise on adiposity and fatty liver in rats fed with high-fat diet. <b>2008</b> , 16, 2217-22		40
297	Intra-individual variability and adaptation of overnight- and sleeping metabolic rate. <b>2008</b> , 94, 158-63		28

### (2011-2008)

296	High-protein diets containing different milk protein fractions differently influence energy intake and adiposity in the rat. <b>2008</b> , 99, 739-48	53
295	A mathematical model of weight change with adaptation. <b>2009</b> , 6, 873-87	50
294	Efeito da suplementaß com ßido linolîco conjugado e do treinamento em nataß sobre a composiß corporal e os parfinetros bioquíficos de ratos Wistar em crescimento. <b>2009</b> , 22, 493-502	2
293	Gluconeogenesis and energy expenditure after a high-protein, carbohydrate-free diet. <b>2009</b> , 90, 519-26	96
292	Specific dynamic action: a review of the postprandial metabolic response. <b>2009</b> , 179, 1-56	439
291	Satiation, satiety and their effects on eating behaviour. <b>2009</b> , 34, 126-173	192
<b>29</b> 0	Dietary protein, weight loss, and weight maintenance. <b>2009</b> , 29, 21-41	370
289	Presence or absence of carbohydrates and the proportion of fat in a high-protein diet affect appetite suppression but not energy expenditure in normal-weight human subjects fed in energy balance. <b>2010</b> , 104, 1395-405	31
288	The effect of amino acid infusion on anesthesia-induced hypothermia in muscle atrophy model rats. <b>2010</b> , 56, 117-22	6
287	Exercise-induced energy expenditure: implications for exercise prescription and obesity. <b>2010</b> , 79, 327-32	46
286	Estimation of free-living energy expenditure using a novel activity monitor designed to minimize obtrusiveness. <b>2010</b> , 18, 1845-51	78
285	The Influence of Eating Rhythm on Diet-induced Thermogenesis in Young Women. <b>2010</b> , 63, 101-106	4
284	Postprandial energy expenditure in whole-food and processed-food meals: implications for daily energy expenditure. <b>2010</b> , 54,	32
283	High-intensity sweeteners and energy balance. <b>2010</b> , 100, 55-62	149
282	Role of diabetes, hypertension, and cigarette smoking on atherosclerosis. <b>2010</b> , 1, 64-8	7
281	A high-fat diet as a model of fatty liver disease in rats. <b>2011</b> , 26 Suppl 2, 25-30	29
280	Skeletal muscle mitochondrial uncoupling, adaptive thermogenesis and energy expenditure. <b>2011</b> , 14, 243-9	36
279	The IDEFICS validation study on field methods for assessing physical activity and body composition in children: design and data collection. <b>2011</b> , 35 Suppl 1, S79-87	34

278	Frequent consumption of selenium-enriched chicken meat by adults causes weight loss and maintains their antioxidant status. <b>2011</b> , 143, 8-19	17
277	Weight change over eight years in relation to alcohol consumption in a cohort of continuing smokers and quitters. <b>2011</b> , 13, 1149-54	3
276	A Simple Model Predicting Individual Weight Change in Humans. <b>2011</b> , 5, 579-599	84
275	MicroRNAs in adipogenesis and as therapeutic targets for obesity. <b>2011</b> , 15, 623-36	90
274	Identification of a dietary pattern prospectively associated with increased adiposity during childhood and adolescence. <b>2012</b> , 36, 1299-305	111
273	Alcohol consumption and body weight change in postmenopausal women: results from the Women's Health Initiative. <b>2012</b> , 36, 1158-64	26
272	Central control of thermogenesis. <b>2012</b> , 63, 111-23	73
271	The effect of milk proteins on appetite regulation and diet-induced thermogenesis. <b>2012</b> , 66, 622-7	46
270	Distinct associations between energy balance and the sleep characteristics slow wave sleep and rapid eye movement sleep. <b>2012</b> , 36, 1346-52	28
269	Variable factors of total daily energy expenditure in humans. <b>2012</b> , 1, 389-399	O
268	Requested meals versus scheduled meals. <b>2012</b> , 5, 345-53	8
267	Thermic Effect of Food, Macronutrient Oxidation Rate and Satiety of High-fat Meals with Butter and Sesame Oil on Healthy Adults. <b>2012</b> , 17, 215	1
266	Modeling metabolic adaptations and energy regulation in humans. <b>2012</b> , 32, 35-54	49
265	Oxytocin reduces reward-driven food intake in humans. <b>2013</b> , 62, 3418-25	160
264	Daily physical activity assessment with accelerometers: new insights and validation studies. <b>2013</b> , 14, 451-62	191
263	Simulation of average energy expenditures and related inhalation rates for the U.S. population. <b>2013</b> , 6, 527-539	1
262	Combined medium-chain triglyceride and chilli feeding increases diet-induced thermogenesis in normal-weight humans. <b>2013</b> , 52, 1579-85	31
261	The carbon dioxide production rate assumption biases gastric emptying parameters in healthy adults. <b>2013</b> , 27, 539-45	O

260	Mesurer la dpense hergtique en pratique clinique. <b>2013</b> , 7, 525-532	1
259	Acute effects of mustard, horseradish, black pepper and ginger on energy expenditure, appetite, ad libitum energy intake and energy balance in human subjects. <b>2013</b> , 109, 556-63	27
258	Metabolic adaptations to overand underfeedingstill a matter of debate?. 2013, 67, 443-5	35
257	Integration of sensory information via central thermoregulatory leptin targets. 2013, 121, 49-55	40
256	Gut hormones and obesity: physiology and therapies. <b>2013</b> , 91, 143-94	16
255	Exercise counteracts the effects of short-term overfeeding and reduced physical activity independent of energy imbalance in healthy young men. <b>2013</b> , 591, 6231-43	66
254	An evaluation of the IDEEAâlactivity monitor for estimating energy expenditure. 2013, 109, 173-83	26
253	Molecular weight of barley Eglucan influences energy expenditure, gastric emptying and glycaemic response in human subjects. <b>2013</b> , 110, 2173-9	39
252	Evaluations of Actiheart, IDEEA and RT3 monitors for estimating activity energy expenditure in free-living women. <b>2013</b> , 2, e31	3
251	Hyperproteic hypocaloric enteral nutrition in the critically ill patient: A randomized controlled clinical trial. <b>2013</b> , 17, 343-9	63
250	Physical activity and physical activity induced energy expenditure in humans: measurement, determinants, and effects. <b>2013</b> , 4, 90	114
249	Voluntary feed intake in rainbow trout is regulated by diet-induced differences in oxygen use. <b>2013</b> , 143, 781-7	10
248	Postprandial thermic effect of chicken involves thyroid hormones and hepatic energy metabolism in rats. <b>2013</b> , 59, 516-25	3
247	Effects of ginger koji intake on skin surface temperature for young women sensitive to cold temperatures <b>2013</b> , 108, 778-786	1
246	Thermic effect of a meal and appetite in adults: an individual participant data meta-analysis of meal-test trials. <b>2013</b> , 57,	13
245	Influence of lifestyle factors on mammographic density in postmenopausal women. 2013, 8, e81876	34
244	Antiobesity and Hypolipidemic Activity of Moringa oleifera Leaves against High Fat Diet-Induced Obesity in Rats. <b>2014</b> , 2014, 1-9	50
243	Energy requirements of US Army Special Operation Forces during military training. 2014, 6, 1945-55	27

242	A brief review of higher dietary protein diets in weight loss: a focus on athletes. <b>2014</b> , 44 Suppl 2, S149-53	53
241	Effects of rapid weight loss and regain on body composition and energy expenditure. <b>2014</b> , 39, 21-7	27
240	A high-protein diet for reducing body fat: mechanisms and possible caveats. <i>Nutrition and Metabolism</i> , <b>2014</b> , 11, 53	120
239	Effects of hydrolysed casein, intact casein and intact whey protein on energy expenditure and appetite regulation: a randomised, controlled, cross-over study. <b>2014</b> , 112, 1412-22	24
238	Validating measures of free-living physical activity in overweight and obese subjects using an accelerometer. <b>2014</b> , 38, 1011-4	12
237	The effect of nocturnal blue light exposure from light-emitting diodes on wakefulness and energy metabolism the following morning. <b>2014</b> , 19, 354-61	22
236	The effect of agar jelly on energy expenditure, appetite, gastric emptying and glycaemic response. <b>2014</b> , 53, 533-9	12
235	The causal role of breakfast in energy balance and health: a randomized controlled trial in lean adults. <b>2014</b> , 100, 539-47	125
234	Macronutrients in feline health. <b>2014</b> , 44, 699-717, v-vi	9
233	Early-life social origins of later-life body weight: the role of socioeconomic status and health behaviors over the life course. <b>2014</b> , 46, 59-71	26
232	Diet-induced thermogenesis and respiratory quotient after Roux-en-Y gastric bypass surgery: a prospective study. <b>2014</b> , 10, 138-43	23
231	Night-time consumption of protein or carbohydrate results in increased morning resting energy expenditure in active college-aged men. <b>2014</b> , 111, 71-7	37
230	Postprandial metabolism in adults with Prader-Willi syndrome. <b>2015</b> , 23, 1159-65	12
229	Roux-en-Y Gastric Bypass Surgery Increases Respiratory Quotient and Energy Expenditure during Food Intake. <b>2015</b> , 10, e0129784	26
228	Estimation of Free-Living Energy Expenditure by Heart Rate and Movement Sensing: A Doubly-Labelled Water Study. <b>2015</b> , 10, e0137206	86
227	Thermic Effect of Food, Macronutrient Oxidation Rate and Satiety of Medium-chain Triglyceride. <b>2015</b> , 20, 468	
226	Validity and reproducibility of a novel method for time-course evaluation of diet-induced thermogenesis in a respiratory chamber. <b>2015</b> , 3, e12410	7
225	Computational Modelling of Energy Metabolism and Body Composition Dynamics. <b>2015</b> , 265-282	2

### (2016-2015)

224	Criterion validity of the International Physical Activity Questionnaire Short Form (IPAQ-SF) for use in patients with rheumatoid arthritis: comparison with the SenseWear Armband. <b>2015</b> , 101, 193-7	18
223	Profile of energy expenditure in people with rheumatoid arthritis. <b>2015</b> , 8, 514-20	Ο
222	Daily physical activity as determined by age, body mass and energy balance. <b>2015</b> , 115, 1177-84	16
221	Thermic effect of food, exercise, and total energy expenditure in active females. <b>2015</b> , 18, 204-8	11
220	Maintenance of energy expenditure on high-protein vs. high-carbohydrate diets at a constant body weight may prevent a positive energy balance. <b>2015</b> , 34, 968-75	20
219	The Energy Content and Composition of Meals Consumed after an Overnight Fast and Their Effects on Diet Induced Thermogenesis: A Systematic Review, Meta-Analyses and Meta-Regressions. <b>2016</b> , 8,	30
218	Electronic Noses for Well-Being: Breath Analysis and Energy Expenditure. <b>2016</b> , 16,	20
217	Effects of Supplemental Energy on Protein Balance during 4-d Arctic Military Training. <b>2016</b> , 48, 1604-12	40
216	The impact of exercise intensity on whole body and adipose tissue metabolism during energy restriction in sedentary overweight men and postmenopausal women. <b>2016</b> , 4, e13026	6
215	Is breakfast the most important meal of the day?. <b>2016</b> , 75, 464-474	39
214	Semi-physical Identification and State Estimation of Energy Intake for Interventions to Manage Gestational Weight Gain. <b>2016</b> , 2016, 1271-1276	11
213	Beverages, Satiation, Satiety, and Energy Balance. <b>2016</b> , 181-192	2
212	The effect of breakfast on appetite regulation, energy balance and exercise performance. <b>2016</b> , 75, 319-27	26
211	Fundamentals of Diet, Exercise, and Behavior Modification. <b>2016</b> , 167-191	
<b>2</b> 10	The relationship between dietary intake and energy availability, eating attitudes and cognitive restraint in students enrolled in undergraduate nutrition degrees. <b>2016</b> , 107, 406-414	6
209	Diet-Induced Thermogenesis and Expression Levels of Thyroid Hormone Target Genes and Their Products in Rats Differ between Meat Proteins. <b>2016</b> , 62, 93-100	3
208	Sarcolipin: A Key Thermogenic and Metabolic Regulator in Skeletal Muscle. <b>2016</b> , 27, 881-892	66
207	Key determinants of energy expenditure in cancer and implications for clinical practice. <b>2016</b> , 70, 1230-1238	61

206	Irregular meal-pattern effects on energy expenditure, metabolism, and appetite regulation: a randomized controlled trial in healthy normal-weight women. <b>2016</b> , 104, 21-32	27
205	Fat-free mass and calf circumference as body composition indices to determine non-exercise activity thermogenesis in patients with diabetes. <b>2016</b> , 7, 352-8	10
204	The causal role of breakfast in energy balance and health: a randomized controlled trial in obese adults. <b>2016</b> , 103, 747-56	95
203	A novel approach to calculating the thermic effect of food in a metabolic chamber. <b>2016</b> , 4, e12717	6
202	A review on possible therapeutic targets to contain obesity: The role of phytochemicals. <b>2016</b> , 10, 363-80	55
201	Regulation of energy balance by a gut-brain axis and involvement of the gut microbiota. <b>2016</b> , 73, 737-55	111
200	Effects of RYGB on energy expenditure, appetite and glycaemic control: a randomized controlled clinical trial. <b>2016</b> , 40, 281-90	54
199	Effect of breakfast omission on subjective appetite, metabolism, acylated ghrelin and GLP-17-36 during rest and exercise. <b>2016</b> , 32, 179-85	18
198	Evaluating the performance of thermal sensation prediction with a biophysical model. <b>2017</b> , 27, 1012-1021	3
197	Effects of Dietary Macronutrient Composition on FNDC5 and Irisin in Mice Skeletal Muscle. <b>2017</b> , 15, 161-169	10
196	Obesity Energetics: Body Weight Regulation and the Effects of Diet Composition. 2017, 152, 1718-1727.e3	167
195	A Case for and Against Ketogenic Diets in Athletes. <b>2017</b> , 39, 27-31	1
194	Protein-polyphenol particles for delivering structural and health functionality. <b>2017</b> , 72, 163-173	58
193	International society of sports nutrition position stand: diets and body composition. 2017, 14, 16	91
192	Effects of the light-dark cycle on diurnal rhythms of diet-induced thermogenesis in humans. <b>2017</b> , 34, 1465-1472	7
191	Dietary carbohydrates, components of energy balance, and associated health outcomes. <b>2017</b> , 75, 783-797	14
190	Endocrine and autocrine/paracrine modulators of brown adipose tissue mass and activity as novel therapeutic strategies against obesity and type 2 diabetes. <b>2017</b> , 31,	5
189	Neonatal GLP1R activation limits adult adiposity by durably altering hypothalamic architecture. <b>2017</b> , 6, 748-759	8

188	"Calories in, calories out" and macronutrient intake: the hope, hype, and science of calories. <b>2017</b> , 313, E608-E612	26
187	Weight management in adults. <b>2017</b> , 139-259	
186	Energy Metabolism Profile in Individuals with Prader-Willi Syndrome and Implications for Clinical Management: A Systematic Review. <b>2017</b> , 8, 905-915	23
185	Physical Activity Dimensions Associated with Impaired Glucose Metabolism. <b>2017</b> , 49, 2176-2184	6
184	Association of dietary intake and BMI among newly diagnosed type 2 diabetes patients attending diabetic clinics in Kampala. <b>2017</b> , 3, 21	4
183	A new method of infrared thermography for quantification of brown adipose tissue activation in healthy adults (TACTICAL): a randomized trial. <b>2017</b> , 67, 395-406	40
182	Designing foods for satiety: The roles of food structure and oral processing in satiation and satiety. <b>2017</b> , 13, 1-12	53
181	Exergy efficiency from staple food ingredients to body metabolism: The case of carbohydrates. <b>2017</b> , 142, 4101-4113	12
180	Oxidative Priority, Meal Frequency, and the Energy Economy of Food and Activity: Implications for Longevity, Obesity, and Cardiometabolic Disease. <b>2017</b> , 15, 6-17	8
179	Personalized multistep cognitive behavioral therapy for obesity. <b>2017</b> , 10, 195-206	10
178	The Satiating Properties of Pork are not Affected by Cooking Methods, Sousvide Holding Time or Mincing in Healthy Men-A Randomized Cross-Over Meal Test Study. <b>2017</b> , 9,	6
177	Animal Models for the Study of the Relationships between Diet and Obesity: A Focus on Dietary Protein and Estrogen Deficiency. <b>2017</b> , 4, 5	24
176	Postprandial energy metabolism and substrate oxidation in response to the inclusion of a sugar- or non-nutritive sweetened beverage with meals differing in protein content. <b>2017</b> , 3, 49	2
175	Postprandial Increase in Energy Expenditure Correlates with Body Weight Reduction in Patients with Type 2 Diabetes Receiving Diet Therapy. <b>2017</b> , 24, 422-429	3
174	Homeostatic and non-homeostatic appetite control along the spectrum of physical activity levels: An updated perspective. <b>2018</b> , 192, 23-29	47
173	Prediction equation for estimating total daily energy requirements of special operations personnel. <b>2018</b> , 15, 15	15
172	The effects of different forms of daily exercise on metabolic function following short-term overfeeding and reduced physical activity in healthy young men: study protocol for a randomised controlled trial. <b>2018</b> , 19, 199	1
171	Reprint of â <b>P</b> rotein-polyphenol particles for delivering structural and health functionalityâ[] <b>2018</b> , 78, 15-25	11

170	Food consumption increases cell proliferation in the python brain. <b>2018</b> , 221,	O
169	Effect of feed intake level and dietary protein content on the body temperature of pigs housed under thermo neutral conditions. <b>2018</b> , 102, e718-e725	5
168	The ineluctable constraints of thermodynamics in the aetiology of obesity. <b>2018</b> , 45, 219-225	
167	A hot lunch for herbivores: physiological effects of elevated temperatures on mammalian feeding ecology. <b>2018</b> , 93, 674-692	20
166	Supermarket Shopping and Nutritional Outcomes: A Panel Data Analysis for Urban Kenya. <b>2018</b> , 102, 292-303	49
165	Changes in physical activity over the lifespan: impact on body composition and sarcopenic obesity. <b>2018</b> , 19 Suppl 1, 8-13	34
164	Pre-sleep protein in casein supplement or whole-food form has no impact on resting energy expenditure or hunger in women. <b>2018</b> , 120, 988-994	8
163	Improving temporal accuracy of human metabolic chambers for dynamic metabolic studies. <b>2018</b> , 13, e0193467	7
162	A bedtime milk snack does not impact RMR, substrate utilisation and appetite the following morning in mildly overweight males. <b>2018</b> , 119, 1355-1365	8
161	Effect of feed intake level on the body temperature of pigs exposed to heat stress conditions. <b>2018</b> , 76, 1-7	11
160	MET-values of standardised activities in relation to body fat: studies in pregnant and non-pregnant women. <i>Nutrition and Metabolism</i> , <b>2018</b> , 15, 45	2
159	Interactions of alcohol and postmenopausal hormone use in regards to mammographic breast density. <b>2018</b> , 29, 751-758	1
158	Randomized Trial of a High Protein, Partial Meal Replacement Program with or without Alternate Day Fasting: Similar Effects on Weight Loss, Retention Status, Nutritional, Metabolic, and Behavioral Outcomes. <b>2018</b> , 10,	28
157	Integrating Competing Demands of Osmoregulatory and Thermoregulatory Homeostasis. 2018, 33, 170-181	19
156	Why are women slimmer than men in developed countries?. <b>2018</b> , 30, 1-13	7
155	Assessment of the energy expenditure of Belgian nursing home residents using indirect calorimetry. <b>2019</b> , 57, 12-16	1
154	Human brown adipose tissue: Underestimated target in metabolic disease?. <b>2019</b> , 1864, 104-112	23
153	Phosphorus ingestion with a high-carbohydrate meal increased the postprandial energy expenditure of obese and lean individuals. <b>2019</b> , 57, 59-62	7

152	Effects of protein quantity and type on diet induced thermogenesis in overweight adults: A randomized controlled trial. <b>2019</b> , 38, 1570-1580	11
151	High fructose consumption with a high-protein meal is associated with decreased glycemia and increased thermogenesis but reduced fat oxidation: A randomized controlled trial. <b>2019</b> , 58, 77-82	О
150	The effects of rapid weight loss and 3-h recovery on energy expenditure, carbohydrate, and fat oxidation in boxing athletes. <b>2019</b> , 59, 1018-1025	3
149	Metabolic rate and substrate utilisation resilience in men undertaking polar expeditionary travel. <b>2019</b> , 14, e0221176	4
148	Thyroid Hormone Action and Energy Expenditure. <b>2019</b> , 3, 1345-1356	22
147	Metabolism, bioenergetics and thermal physiology: influences of the human intestinal microbiota. <b>2019</b> , 32, 205-217	4
146	A novel method for measuring diet-induced thermogenesis in mice. <b>2019</b> , 6, 1950-1956	3
145	The dietary protein content slightly affects the body temperature of growing pigs exposed to heat stress. <b>2019</b> , 3, 1326-1334	1
144	Metabolic response to fasting predicts weight gain during low-protein overfeeding in lean men: further evidence for spendthrift and thrifty metabolic phenotypes. <b>2019</b> , 110, 593-604	20
143	Protein malnutrition prevents heat conservation induced by amino acid infusion during general anesthesia in rats. <b>2019</b> , 65, 79-88	
142	Changes in Energy Expenditure of Patients with Obesity Following Bariatric Surgery: a Systematic Review of Prospective Studies and Meta-analysis. <b>2019</b> , 29, 2318-2337	1
141	Issues in Measuring and Interpreting Energy Balance and Its Contribution to Obesity. <b>2019</b> , 8, 88-97	4
140	Joint angular excursions during cyclical behaviors differ between tetrapod feeding and locomotor systems. <b>2019</b> , 222,	12
139	Measurement of Energy Expenditure. <b>2019</b> , 101-119	1
138	Estimating energy expenditure from wrist and thigh accelerometry in free-living adults: a doubly labelled water study. <b>2019</b> , 43, 2333-2342	43
137	Noninvasive and in vivo assessment of upper and lower limb skeletal muscle oxidative metabolism activity and microvascular responses to glucose ingestion in humans. <b>2019</b> , 44, 1105-1111	9
136	Metabolic adaptations during negative energy balance and their potential impact on appetite and food intake. <b>2019</b> , 78, 279-289	14
135	Potential predictors of type-2 diabetes risk: machine learning, synthetic data and wearable health devices. <b>2019</b> ,	1

134	Pre- to postexpedition changes in the energy usage of women undertaking sustained expeditionary polar travel. <b>2019</b> , 126, 681-690	2
133	Biological Properties and Bioactive Components of L.: Focus on Potential Benefits in the Treatment of Obesity and Related Comorbidities. <b>2018</b> , 24,	62
132	The pathogenesis of obesity. <b>2019</b> , 92, 26-36	51
131	Activation of Human Brown Adipose Tissue by Capsinoids, Catechins, Ephedrine, and Other Dietary Components: A Systematic Review. <b>2019</b> , 10, 291-302	14
130	High protein diet promotes body weight loss among Brazilian postpartum women. <b>2019</b> , 15, e12746	3
129	An Exploration of the Factors Influencing the Spatial Behavior of Mantled Howler Monkeys (Alouatta palliata). <b>2019</b> , 40, 197-213	5
128	Effect of growth hormone treatment on energy expenditure and its relation to first-year growth response in children. <b>2019</b> , 119, 409-418	1
127	Macronutrient composition and food groups associated with gestational weight gain: the GUSTO study. <b>2019</b> , 58, 1081-1094	11
126	System Identification Approaches For Energy Intake Estimation: Enhancing Interventions For Managing Gestational Weight Gain. <b>2020</b> , 28, 63-78	6
125	Seasonal variation in body mass, body composition and activity-induced energy expenditure: a long-term study. <b>2020</b> , 74, 135-140	7
124	Lassitude: The emotion of being sick. <b>2020</b> , 41, 44-57	15
123	Pre-Sleep Casein Protein Ingestion Does Not Impact Next-Day Appetite, Energy Intake and Metabolism in Older Individuals. <b>2019</b> , 12,	5
122	Effect of Increasing the Dietary Protein Content of Breakfast on Subjective Appetite, Short-Term Food Intake and Diet-Induced Thermogenesis in Children. <b>2020</b> , 12,	3
121	Effect of Chronic Kidney Disease on Metabolic Rate: Studies Using Doubly Labelled Water. <b>2021</b> , 31, 475-483	1
120	Impact of Heat Stress on Poultry Health and Performances, and Potential Mitigation Strategies. <b>2020</b> , 10,	59
119	Energy metabolism. <b>2020</b> , 3-14	1
118	Effects of Bang <sup>[]</sup> Keto Coffee Energy Drink on Metabolism and Exercise Performance in Resistance-Trained Adults: A Randomized, Double-blind, Placebo-controlled, Crossover Study. <b>2020</b> , 17, 45	2
117	A comparison of the metabolic effects of sustained strenuous activity in polar environments on men and women. <b>2020</b> , 10, 13912	2

### (2021-2020)

116	Room Indirect Calorimetry Operating and Reporting Standards (RICORS 1.0): A Guide to Conducting and Reporting Human Whole-Room Calorimeter Studies. <b>2020</b> , 28, 1613-1625	19
115	Effects of Nutrition/Diet on Brown Adipose Tissue in Humans: A Systematic Review and Meta-Analysis. <b>2020</b> , 12,	4
114	Potential predictors of type-2 diabetes risk: machine learning, synthetic data and wearable health devices. <b>2020</b> , 21, 508	6
113	Dietary Options for Rodents in the Study of Obesity. <b>2020</b> , 12,	9
112	(-)-Epicatechin mitigates high fat diet-induced neuroinflammation and altered behavior in mice. <b>2020</b> , 11, 5065-5076	7
111	The effect of 12 weeks of euenergetic high-protein diet in regulating appetite and body composition of women with normal-weight obesity: a randomised controlled trial. <b>2020</b> , 124, 1044-1051	9
110	Dietary Factors and Eating Behaviors Affecting Diet-Induced Thermogenesis in Obese Individuals: A Systematic Review. <b>2020</b> , 66, 1-9	
109	Response to Letter to the Editor: "Twice as High Diet-Induced Thermogenesis After Breakfast vs Dinner on High-Calorie as Well as Low-Calorie Meals". <b>2020</b> , 105,	
108	Unique Genetic and Histological Signatures of Mouse Pericardial Adipose Tissue. <b>2020</b> , 12,	5
107	Anticipation of 24 h severe energy restriction increases energy intake and reduces physical activity energy expenditure in the prior 24 h, in healthy males. <b>2020</b> , 152, 104719	8
106	Letter to the Editor: "Twice as High Diet-Induced Thermogenesis After Breakfast vs Dinner on High-Calorie as Well as Low-Calorie Meals". <b>2020</b> , 105,	1
105	Acute effects of dry extract of ginger on energy expenditure in eutrophic women: A randomized clinical trial. <b>2021</b> , 41, 168-174	1
104	Reduced brown adipose tissue-associated skin temperature following cold stimulation in children and adolescents with type 1 diabetes. <b>2021</b> , 22, 407-416	3
103	Energy Requirements of Male Academy Soccer Players from the English Premier League. <b>2021</b> , 53, 200-210	9
102	Maternal, Placental, and Fetal Responses to Intermittent Heat Exposure During Late Gestation in Mice. <b>2021</b> , 28, 416-425	О
101	Risk assessment for heat stress during work and leisure. <b>2021</b> , 373-385	3
100	Encyclopedia of Evolutionary Psychological Science. <b>2021</b> , 4043-4046	
99	The Mechanistic Approach to Tackle Obesity Using Traditional Herbal Plants. <b>2021</b> , 104-123	

98	Effect of Bronchoscopic Lung Volume Reduction in Advanced Emphysema on Energy Balance Regulation. <b>2021</b> , 1-8	1
97	Interrelationship of Seasons with Inflammation, Red Meat, Fruit, and Vegetable Intakes, Cardio-Metabolic Health, and Smoking Status among Breast Cancer Survivors. <b>2021</b> , 10,	2
96	Optimal Diet Strategies for Weight Loss and Weight Loss Maintenance. <b>2021</b> , 30, 20-31	5
95	Feeding-induced hepatokine, Manf, ameliorates diet-induced obesity by promoting adipose browning via p38 MAPK pathway. <b>2021</b> , 218,	11
94	Pre-Exercise Carbohydrate or Protein Ingestion Influences Substrate Oxidation but Not Performance or Hunger Compared with Cycling in the Fasted State. <b>2021</b> , 13,	1
93	Physical activity energy expenditure and fat-free mass: relationship with metabolic syndrome in overweight or obese postmenopausal women. <b>2021</b> , 46, 389-396	O
92	Eggs as an affordable source of nutrients for adults and children living in food-insecure environments. <b>2021</b> ,	1
91	Nutritional Regulation of Human Brown Adipose Tissue. <b>2021</b> , 13,	7
90	Fish Oil Increases Diet-Induced Thermogenesis in Mice. <b>2021</b> , 19,	1
89	Determinants of Peak Fat Oxidation Rates During Cycling in Healthy Men and Women. <b>2021</b> , 31, 227-235	O
88	Macronutrient balance and micronutrient amounts through growth and development. 2021, 47, 109	12
88	Macronutrient balance and micronutrient amounts through growth and development. <b>2021</b> , 47, 109  A randomized controlled trial to isolate the effects of fasting and energy restriction on weight loss and metabolic health in lean adults. <b>2021</b> , 13,	12
	A randomized controlled trial to isolate the effects of fasting and energy restriction on weight loss	
87	A randomized controlled trial to isolate the effects of fasting and energy restriction on weight loss and metabolic health in lean adults. <b>2021</b> , 13,  Metabolic Abnormalities, Dietary Risk Factors and Nutritional Management in Amyotrophic Lateral	11
8 <sub>7</sub> 86	A randomized controlled trial to isolate the effects of fasting and energy restriction on weight loss and metabolic health in lean adults. 2021, 13,  Metabolic Abnormalities, Dietary Risk Factors and Nutritional Management in Amyotrophic Lateral Sclerosis. 2021, 13,  Divergent immunometabolic changes in adipose tissue and skeletal muscle with ageing in healthy	4
87 86 85	A randomized controlled trial to isolate the effects of fasting and energy restriction on weight loss and metabolic health in lean adults. 2021, 13,  Metabolic Abnormalities, Dietary Risk Factors and Nutritional Management in Amyotrophic Lateral Sclerosis. 2021, 13,  Divergent immunometabolic changes in adipose tissue and skeletal muscle with ageing in healthy humans. 2021,	11 4
87 86 85 84	A randomized controlled trial to isolate the effects of fasting and energy restriction on weight loss and metabolic health in lean adults. 2021, 13,  Metabolic Abnormalities, Dietary Risk Factors and Nutritional Management in Amyotrophic Lateral Sclerosis. 2021, 13,  Divergent immunometabolic changes in adipose tissue and skeletal muscle with ageing in healthy humans. 2021,  Ketogenic diets, physical activity, and body composition: A review. 2021, 1-68  Determining Energy Requirements in Cirrhosis: an Update on the Role of Indirect Calorimetry. 2021	11 4

80	Caloric Restriction Rather Than Dietary Macronutrient Distribution Plays a Primary Role in Metabolic Health and Body Composition Improvements in Obese Mice. <b>2021</b> , 13,	1
79	Some evidence of a time-varying thermal perception. 1420326X2110345	1
78	Decreased fasting serum glucogenic amino acids with a higher compared to normal protein diet during energy restriction in women: a randomized controlled trial. <b>2021</b> , 53, 1467-1472	0
77	Impact of lifestyle modifications on snoring and mild sleep apnoea patients. <b>2021</b> , 135, 892-896	
76	Dietary Intake and Energy Expenditure in Breast Cancer Survivors: A Review. <b>2021</b> , 13,	О
75	Circadian rhythms in resting metabolic rate account for apparent daily rhythms in thermic effect of food. <b>2021</b> ,	2
74	Effect of Exercise Training on Fat Loss-Energetic Perspectives and the Role of Improved Adipose Tissue Function and Body Fat Distribution. <b>2021</b> , 12, 737709	5
73	The Mystery of Energy Compensation. <b>2021</b> , 94, 380-393	3
72	How do daily routines and situational factors affect the severity of obsessive-compulsive disorder?. <b>2021</b> , 143, 395-399	2
71	Low-salted salmon: Effects of salt reduction on physicochemical, lipidomic, and sensory characteristics. <b>2021</b> , 152, 112311	1
70	Distinct effects of carbohydrate ingestion timing on glucose fluctuation and energy metabolism in patients with type 2 diabetes: a randomized controlled study. <b>2021</b> , 68, 1225-1236	
69	Novel Equations to Estimate Resting Energy Expenditure during Sitting and Sleeping. <b>2021</b> , 77, 159-167	1
68	Human Energetics. 325-384	9
67	Whey Protein and Satiety: Implications for Diet and Behavior. <b>2011</b> , 1107-1124	1
66	Measurement of Energy Expenditure. <b>2015</b> , 169-187	2
65	The Role of Eating Frequency and Snacking on Energy Intake and BMI. <b>2020</b> , 659-678	1
64	Quantitative Physiology of Human Starvation: Adaptations of Energy Expenditure, Macronutrient Metabolism and Body Composition. <b>2012</b> , 379-393	5
63	Descriptive epidemiology of energy expenditure in the UK: Findings from the National Diet and Nutrition Survey 2008 â№015.	1

62	Duodenal lipid sensing activates vagal afferents to regulate non-shivering brown fat thermogenesis in rats. <b>2012</b> , 7, e51898	56
61	Metabolic Response to Fasting Predicts Weight Gain During Low-Protein Overfeeding: Further Evidence for Spendthrift and Thrifty Metabolic Phenotypes.	1
60	Diet-Induced Thermogenesis: Comparison of Two Isocaloric Meal-Replacement Shakes. A pilot study. <b>2012</b> , 7, S140-S146	1
59	Practical dietary calorie management, body weight control and energy expenditure of diabetic patients in short-term hospitalization. <b>2010</b> , 17, 558-67	8
58	Asparagine reinforces mTORC1 signaling to boost thermogenesis and glycolysis in adipose tissues. <b>2021</b> , e108069	1
57	Dynamic changes in energy expenditure in response to underfeeding: a review <b>2021</b> , 1-14	O
56	The Atkins Paradigm. <b>2007</b> , 315-320	
55	Introduction to Sports Nutrition. <b>2007</b> , 1-22	
54	Conditioned Intake and Fattening/Diabetes. <b>2015</b> , 05, 468-478	
53	Recovery of Hunger Sensations Associated with Low Preprandial Blood Glucose: An Easy Exit from Diabetes?. <b>2016</b> , 06, 149-159	
52	Encyclopedia of Evolutionary Psychological Science. <b>2016</b> , 1-4	
51	Citrus Flavonoids and Their Effect on Obesity. <b>2017</b> , 325-346	
50	Module 1: Monitoring Food Intake, Physical Activity and Body Weight. <b>2018</b> , 45-58	
49	Estimating energy expenditure from wrist and thigh accelerometry in free-living adults: a doubly labelled water study.	O
48	The Role of Eating Frequency and Snacking on Energy Intake and BMI. 2019, 1-21	
47	Factors influencing basal metabolism of Czechs of working age from South Moravia. <b>2019</b> , 27, 135-140	O
46	Divergent Energy Expenditure Impacts Mouse Metabolic Adaptation to Acute High-Fat/High-Sucrose Diet Producing Sexually Dimorphic Weight Gain Patterns.	
45	Body Temperature in Practitioners of a Yoga Breathing Technique Considered to be Heat Generating. <b>2020</b> , 13, 168-172	

44	Obesity and adiposity: the culprit of dietary protein efficacy. <b>2020</b> , 134, 389-401	1
43	High protein diet: benefits and risks. <b>2020</b> , 17, 393-400	
42	Association between Food Habits and Nutritional Status of Secondary School Students in Kuala Lumpur, Malaysia: Baseline Findings from Nuteen Project. <b>2020</b> , 66, S256-S261	
41	The acute effect of fasted exercise on energy intake, energy expenditure, subjective hunger and gastrointestinal hormone release compared to fed exercise in healthy individuals: a systematic review and network meta-analysis. 2021,	1
40	Xanthohumol Pyrazole Derivative Improves Diet-Induced Obesity and Induces Energy Expenditure in High-Fat Diet-Fed Mice <b>2021</b> , 4, 1782-1793	0
39	Acute Physiologic Effects of Performing Yoga in The Heat on Energy Expenditure, Range of Motion, and Inflammatory Biomarkers. <b>2020</b> , 13, 802-817	1
38	Obesity in C57BL/6J mice fed diets differing in carbohydrate and fat but not energy content. <b>2022</b> , 243, 113644	0
37	Comparison of aspartame- and sugar-sweetened soft drinks on postprandial metabolism. <b>2021</b> , 26010602110	)5&415
36	Do Temporal Eating Patterns Differ in Healthy versus Unhealthy Overweight/Obese Individuals?. <b>2021</b> , 13,	1
35	Emulating complex simulations by machine learning methods. <b>2021</b> , 22, 483	O
34	Fetal programming of human energy homeostasis brain networks: Issues and considerations. <b>2021</b> , e13392	O
33	A scoping review of intermittent fasting, chronobiology, and metabolism 2022,	O
32	CO2 emission rates from sedentary subjects under controlled laboratory conditions. 2022, 211, 108735	1
31	Effects of Intermittent Fasting on Cardiometabolic Health: An Energy Metabolism Perspective <b>2022</b> , 14,	1
30	Metabolic balance-a masterclass in mass action 2022,	
29	A control-based observer approach for estimating energy intake during pregnancy.	
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27	Metabolomics analysis of urine from rats given long-term high-protein diet using ultra-high-performance liquid chromatography-mass spectrometry <b>2021</b> , 1190, 123082	1

26	Posture economy: the importance of metabolic state on metabolic phenotype assessment and the energy cost of sitting and standing. A whole body calorimetry trial <b>2022</b> ,	
25	Optimizing Behavioral Interventions to Regulate Gestational Weight Gain With Sequential Decision Policies Using Hybrid Model Predictive Control <b>2022</b> , 160,	О
24	Significant Energy Deficit and Suboptimal Sleep During a Junior Academy Tennis Training Camp <b>2022</b> , 1-6	
23	Nutrition and Physical Activity During British Army Officer Cadet Training: Part 1-Energy Balance and Energy Availability <b>2022</b> , 1-9	O
22	Relationships between the Munich Chronotype questionnaire index and time at minimum core temperature. 1-8	
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20	The Best Choice of Oxygen Cost Prediction Equation for Computing Post-Stroke Walking Energy Expenditure Using an Accelerometer <b>2022</b> , 15459683221076469	
19	Clinical Evaluation, Lifestyle, and Pharmacological Management of Obesity. 2022, 221-240	
18	Occupational heat strain in outdoor workers: A comprehensive review and meta-analysis. 1-36	6
17	Work Around the Clock. <b>2022</b> , 43, 249-259	1
16	Energy Metabolism and Balance.	
15	Behavioral plasticity in two endemic rodents from the Andes Mountains: strategies for thermal and energetic balance.	O
14	Variability in energy expenditure is much greater in males than females. <b>2022</b> , 171, 103229	О
13	Cross-sectional Human Observational Study of Energy and Nutrient Intake and the Intestinal Microbiome (Preprint).	O
12	Prediction of activity-related energy expenditure under free-living conditions using accelerometer-derived physical activity. <b>2022</b> , 12,	О
11	Semaphorin 4B is an ADAM17-cleaved inhibitor of adipocyte thermogenesis.	O
10	Brown fat-associated postprandial thermogenesis in humans: Different effects of isocaloric meals rich in carbohydrate, fat, and protein. 9,	0

#### CITATION REPORT

8	Predicting resting energy expenditure: a critical appraisal.	O
7	Chronic and Postprandial Metabolic Responses to a Ketogenic Diet Compared to High-Carbohydrate and Habitual Diets in Trained Competitive Cyclists and Triathletes: A Randomized Crossover Trial. <b>2023</b> , 20, 1110	0
6	Thermogenic Brown Fat in Humans: Implications in Energy Homeostasis, Obesity and Metabolic Disorders. 41,	О
5	Assessment of Energy and Nutrient Intake and the Intestinal Microbiome (ErNst Study): Protocol and Methods of a Cross-sectional Human Observational Study. 12, e42529	O
4	Energy expenditure, dietary intake and energy availability in female professional football players. <b>2023</b> , 9, e001553	О
3	Associations of alcohol consumption with breast tissue composition. <b>2023</b> , 25,	o
2	Calculating Diet-Induced Thermogenesis in Mice. <b>2023</b> , 125-133	О
1	Impact of junk food on obesity and polycystic ovarian syndrome: Mechanisms and management strategies. <b>2023</b> , 100495	0