

Luc Tappy

List of Publications by Year in descending order

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215
papers

12,808
citations

20817

60
h-index

26613

107
g-index

225
all docs

225
docs citations

225
times ranked

11922
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Effects of Fructose and the Worldwide Increase in Obesity. <i>Physiological Reviews</i> , 2010, 90, 23-46.	28.8	954
2	Effects of isoenergetic glucose-based or lipid-based parenteral nutrition on glucose metabolism, de novo lipogenesis, and respiratory gas exchanges in critically ill patients. <i>Critical Care Medicine</i> , 1998, 26, 860-867.	0.9	730
3	Body fat and sympathetic nerve activity in healthy subjects.. <i>Circulation</i> , 1994, 89, 2634-2640.	1.6	340
4	Effect of Fructose Overfeeding and Fish Oil Administration on Hepatic De Novo Lipogenesis and Insulin Sensitivity in Healthy Men. <i>Diabetes</i> , 2005, 54, 1907-1913.	0.6	323
5	Fructose overconsumption causes dyslipidemia and ectopic lipid deposition in healthy subjects with and without a family history of type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1760-1765.	4.7	317
6	Fructose and metabolic diseases: New findings, new questions. <i>Nutrition</i> , 2010, 26, 1044-1049.	2.4	296
7	Regulation of Body Weight in Humans. <i>Physiological Reviews</i> , 1999, 79, 451-480.	28.8	287
8	Differential effects of hyperinsulinemia and carbohydrate metabolism on sympathetic nerve activity and muscle blood flow in humans.. <i>Journal of Clinical Investigation</i> , 1993, 92, 147-154.	8.2	282
9	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.	4.7	252
10	Impaired insulin-induced sympathetic neural activation and vasodilation in skeletal muscle in obese humans.. <i>Journal of Clinical Investigation</i> , 1994, 93, 2365-2371.	8.2	247
11	Metabolic effects of fructose. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2006, 9, 469-475.	2.5	201
12	Lactate and glucose metabolism in severe sepsis and cardiogenic shock*. <i>Critical Care Medicine</i> , 2005, 33, 2235-2240.	0.9	199
13	Effects of Gastric Bypass and Gastric Banding on Glucose Kinetics and Gut Hormone Release. <i>Obesity</i> , 2008, 16, 298-305.	3.0	194
14	Effects of Breakfast Cereals Containing Various Amounts of β -Glucan Fibers on Plasma Glucose and Insulin Responses in NIDDM Subjects. <i>Diabetes Care</i> , 1996, 19, 831-834.	8.6	192
15	Dietary carbohydrates: role of quality and quantity in chronic disease. <i>BMJ: British Medical Journal</i> , 2018, 361, k2340.	2.3	184
16	Fish oil prevents the adrenal activation elicited by mental stress in healthy men. <i>Diabetes and Metabolism</i> , 2003, 29, 289-295.	2.9	179
17	Metabolic effects of caffeine in humans: lipid oxidation or futile cycling?. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 40-46.	4.7	176
18	Moderate Amounts of Fructose Consumption Impair Insulin Sensitivity in Healthy Young Men. <i>Diabetes Care</i> , 2013, 36, 150-156.	8.6	170

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19	Suppression of Alcohol-Induced Hypertension by Dexamethasone. <i>New England Journal of Medicine</i> , 1995, 332, 1733-1738.	27.0	163
20	Effects of short-term overfeeding with fructose, fat and fructose plus fat on plasma and hepatic lipids in healthy men. <i>Diabetes and Metabolism</i> , 2010, 36, 244-246.	2.9	139
21	Blocking VLDL secretion causes hepatic steatosis but does not affect peripheral lipid stores or insulin sensitivity in mice. <i>Journal of Lipid Research</i> , 2008, 49, 2038-2044.	4.2	136
22	Energy metabolism in sepsis and injury. <i>Nutrition</i> , 1997, 13, 45-51.	2.4	132
23	Mechanisms of action of Î²-glucan in postprandial glucose metabolism in healthy men. <i>European Journal of Clinical Nutrition</i> , 2001, 55, 327-333.	2.9	132
24	Early metabolic and splanchnic responses to enteral nutrition in postoperative cardiac surgery patients with circulatory compromise. <i>Intensive Care Medicine</i> , 2001, 27, 540-547.	8.2	130
25	The effects of catechin rich teas and caffeine on energy expenditure and fat oxidation: a meta-analysis. <i>Obesity Reviews</i> , 2011, 12, e573-81.	6.5	128
26	Effects of a short-term overfeeding with fructose or glucose in healthy young males. <i>British Journal of Nutrition</i> , 2010, 103, 939-943.	2.3	126
27	Suppression of insulin-induced sympathetic activation and vasodilation by dexamethasone in humans.. <i>Circulation</i> , 1993, 88, 388-394.	1.6	124
28	Intestinal absorption in patients after cardiac surgery. <i>Critical Care Medicine</i> , 2000, 28, 2217-2223.	0.9	123
29	Effects of cardiogenic shock on lactate and glucose metabolism after heart surgery. <i>Critical Care Medicine</i> , 2000, 28, 3784-3791.	0.9	120
30	High protein intake reduces intrahepatocellular lipid deposition in humans. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1002-1010.	4.7	120
31	Effects of fructose and glucose overfeeding on hepatic insulin sensitivity and intrahepatic lipids in healthy humans. <i>Obesity</i> , 2013, 21, 782-785.	3.0	116
32	Effect of a Thermogenic Beverage on 24-Hour Energy Metabolism in Humans. <i>Obesity</i> , 2007, 15, 349-355.	3.0	100
33	Plasma PCSK9 concentrations during an oral fat load and after short term high-fat, high-fat high-protein and high-fructose diets. <i>Nutrition and Metabolism</i> , 2013, 10, 4.	3.0	100
34	Trace element supplementation after major burns increases burned skin trace element concentrations and modulates local protein metabolism but not whole-body substrate metabolism. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 1301-1306.	4.7	94
35	Intravenous fish oil blunts the physiological response to endotoxin in healthy subjects. <i>Intensive Care Medicine</i> , 2007, 33, 789-797.	8.2	94
36	Mechanisms of dexamethasone-induced insulin resistance in healthy humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 79, 1063-1069.	3.6	93

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37	Metabolic Adaptations to Dexamethasone-Induced Insulin Resistance in Healthy Volunteers. <i>Obesity</i> , 2003, 11, 625-631.	4.0	92
38	Fructose- and sucrose- but not glucose-sweetened beverages promote hepatic de novo lipogenesis: A randomized controlled trial. <i>Journal of Hepatology</i> , 2021, 75, 46-54.	3.7	92
39	Insulin resistance, hyperglycemia, and glucosuria in intensively milk-fed calves. <i>Journal of Animal Science</i> , 1994, 72, 160-173.	0.5	90
40	Exercise Prevents Fructose-Induced Hypertriglyceridemia in Healthy Young Subjects. <i>Diabetes</i> , 2013, 62, 2259-2265.	0.6	89
41	Metabolic Fate of Fructose Ingested with and without Glucose in a Mixed Meal. <i>Nutrients</i> , 2014, 6, 2632-2649.	4.1	87
42	A 10-year survey of nutritional support in a surgical ICU: 1986-1995. <i>Nutrition</i> , 1997, 13, 870-877.	2.4	85
43	Markedly Blunted Metabolic Effects of Fructose in Healthy Young Female Subjects Compared With Male Subjects. <i>Diabetes Care</i> , 2008, 31, 1254-1256.	8.6	85
44	Does fructose consumption contribute to non-alcoholic fatty liver disease?. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2012, 36, 554-560.	1.5	85
45	Fructose-containing caloric sweeteners as a cause of obesity and metabolic disorders. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	84
46	Effects of fructose on hepatic glucose metabolism in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 279, E907-E911.	3.5	77
47	Effect of carbohydrate overfeeding on whole body macronutrient metabolism and expression of lipogenic enzymes in adipose tissue of lean and overweight humans. <i>International Journal of Obesity</i> , 2004, 28, 1291-1298.	3.4	77
48	Fuel metabolism during exercise in euglycaemia and hyperglycaemia in patients with type 1 diabetes mellitus—a prospective single-blinded randomised crossover trial. <i>Diabetologia</i> , 2008, 51, 1457-1465.	6.3	77
49	Three short perioperative infusions of n-3 PUFAs reduce systemic inflammation induced by cardiopulmonary bypass surgery: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 246-254.	4.7	77
50	Misconceptions about fructose-containing sugars and their role in the obesity epidemic. <i>Nutrition Research Reviews</i> , 2014, 27, 119-130.	4.1	76
51	Coffee consumption attenuates short-term fructose-induced liver insulin resistance in healthy men. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 268-275.	4.7	76
52	Energy Balance in Elderly Patients after Surgery for a Femoral Neck Fracture. <i>Journal of Parenteral and Enteral Nutrition</i> , 1990, 14, 563-568.	2.6	71
53	Effect of Major Hepatectomy on Glucose and Lactate Metabolism. <i>Annals of Surgery</i> , 1999, 229, 505-513.	4.2	71
54	Fructose and glucose co-ingestion during prolonged exercise increases lactate and glucose fluxes and oxidation compared with an equimolar intake of glucose. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 1071-1079.	4.7	69

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55	Effects of a whey protein supplementation on intrahepatocellular lipids in obese female patients. <i>Clinical Nutrition</i> , 2011, 30, 494-498.	5.0	69
56	Carbohydrates and insulin resistance in clinical nutrition: Recommendations from the ESPEN expert group. <i>Clinical Nutrition</i> , 2017, 36, 355-363.	5.0	68
57	Effects of fish oil on the neuro-endocrine responses to an endotoxin challenge in healthy volunteers. <i>Clinical Nutrition</i> , 2007, 26, 70-77.	5.0	66
58	Hypertriglyceridemia: a potential side effect of propofol sedation in critical illness. <i>Intensive Care Medicine</i> , 2012, 38, 1990-1998.	8.2	66
59	Effects of supplementation with essential amino acids on intrahepatic lipid concentrations during fructose overfeeding in humans. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 1008-1016.	4.7	65
60	Substrate utilization in sepsis and multiple organ failure. <i>Critical Care Medicine</i> , 2007, 35, S531-S534.	0.9	62
61	Sex differences in lipid and glucose kinetics after ingestion of an acute oral fructose load. <i>British Journal of Nutrition</i> , 2010, 104, 1139-1147.	2.3	60
62	Effect of diets high or low in unavailable and slowly digestible carbohydrates on the pattern of 24-h substrate oxidation and feelings of hunger in humans. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 1461-1468.	4.7	59
63	Relationship between stress, inflammation and metabolism. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2004, 7, 169-173.	2.5	59
64	Energy and macronutrient intake after gastric bypass for morbid obesity: a 3-y observational study focused on protein consumption. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 18-24.	4.7	59
65	Insulin Modulation of Luteinizing Hormone Secretion in Normal Female Volunteers and Lean Polycystic Ovary Syndrome Patients. <i>Neuroendocrinology</i> , 2009, 89, 131-139.	2.5	58
66	Sugar and artificially sweetened beverages and intrahepatic fat: A randomized controlled trial. <i>Obesity</i> , 2015, 23, 2335-2339.	3.0	55
67	A non-invasive assessment of hepatic glycogen kinetics and post-absorptive gluconeogenesis in man. <i>Diabetologia</i> , 1994, 37, 517-523.	6.3	54
68	A high-fructose diet impairs basal and stress-mediated lipid metabolism in healthy male subjects. <i>British Journal of Nutrition</i> , 2008, 100, 393-399.	2.3	54
69	Metabolic and hormonal response to intermittent high-intensity and continuous moderate intensity exercise in individuals with type 1 diabetes: a randomised crossover study. <i>Diabetologia</i> , 2016, 59, 776-784.	6.3	54
70	Resting Metabolic Rate and Body Composition of Achondroplastic Dwarfs. <i>Medicine (United States)</i> , 1990, 69, 56.	1.0	53
71	Effect of Carbohydrate Overfeeding on Whole Body and Adipose Tissue Metabolism in Humans. <i>Obesity</i> , 2003, 11, 1096-1103.	4.0	53
72	Fish oil after abdominal aorta aneurysm surgery. <i>European Journal of Clinical Nutrition</i> , 2008, 62, 1116-1122.	2.9	53

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73	Effects of short-term carbohydrate or fat overfeeding on energy expenditure and plasma leptin concentrations in healthy female subjects. <i>International Journal of Obesity</i> , 2000, 24, 1413-1418.	3.4	52
74	The extra-splanchnic fructose escape after ingestion of a fructose-glucose drink: An exploratory study in healthy humans using a dual fructose isotope method. <i>Clinical Nutrition ESPEN</i> , 2019, 29, 125-132.	1.2	52
75	Metabolic effects of parenteral nutrition enriched with n-3 polyunsaturated fatty acids in critically ill patients. <i>Clinical Nutrition</i> , 2006, 25, 588-595.	5.0	51
76	Long-term effects of Roux-en-Y gastric bypass on postprandial plasma lipid and bile acids kinetics in female non diabetic subjects: A cross-sectional pilot study. <i>Clinical Nutrition</i> , 2015, 34, 911-917.	5.0	51
77	Prevalence of Thyroid Disorders in Psychogeriatric Inpatients A Possible Relationship of Hypothyroidism with Neurotic Depression but not with Dementia. <i>Journal of the American Geriatrics Society</i> , 1987, 35, 526-531.	2.6	50
78	Endogenous glucose production, gluconeogenesis and liver glycogen concentration in obese non-diabetic patients. <i>Diabetologia</i> , 1997, 40, 463-468.	6.3	50
79	Effect of hyperinsulinemia on urea pool size and substrate oxidation rates. <i>Diabetes</i> , 1988, 37, 1212-1216.	0.6	50
80	Effect of bicarbonate and lactate buffer on glucose and lactate metabolism during hemodiafiltration in patients with multiple organ failure. <i>Intensive Care Medicine</i> , 2004, 30, 1103-1110.	8.2	49
81	Effects of endotoxin on lactate metabolism in humans. <i>Critical Care</i> , 2012, 16, R139.	5.8	49
82	Supplemental parenteral nutrition improves immunity with unchanged carbohydrate and protein metabolism in critically ill patients: The SPN2 randomized tracer study. <i>Clinical Nutrition</i> , 2019, 38, 2408-2416.	5.0	49
83	Physiological handling of dietary fructose-containing sugars: implications for health. <i>International Journal of Obesity</i> , 2016, 40, S6-S11.	3.4	48
84	Major Reduction in Plasma Lp(a) Levels During Sepsis and Burns. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1137-1142.	2.4	47
85	Prevalence, awareness and control of diabetes in the Seychelles and relationship with excess body weight. <i>BMC Public Health</i> , 2007, 7, 163.	2.9	47
86	Divergent fifteen-year trends in traditional and cardiometabolic risk factors of cardiovascular diseases in the Seychelles. <i>Cardiovascular Diabetology</i> , 2009, 8, 34.	6.8	47
87	Interaction Between Dietary Lipids and Physical Inactivity on Insulin Sensitivity and on Intramyocellular Lipids in Healthy Men. <i>Diabetes Care</i> , 2005, 28, 1404-1409.	8.6	46
88	Health outcomes of a high fructose intake: the importance of physical activity. <i>Journal of Physiology</i> , 2019, 597, 3561-3571.	2.9	45
89	New data and new concepts on the role of the liver in glucose homeostasis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2001, 4, 273-277.	2.5	43
90	Effects of enteral carbohydrates on de novo lipogenesis in critically ill patients. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 940-945.	4.7	40

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91	Blunting the response to endotoxin in healthy subjects: effects of various doses of intravenous fish oil. <i>Intensive Care Medicine</i> , 2010, 36, 289-295.	8.2	39
92	Fructose toxicity. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 357-361.	2.5	39
93	Health Effects of Fructose and Fructose-Containing Caloric Sweeteners: Where Do We Stand 10 Years After the Initial Whistle Blowing?. <i>Current Diabetes Reports</i> , 2015, 15, 54.	4.2	38
94	Hepatic and Peripheral Glucose Metabolism in Intensive Care Patients Receiving Continuous High- or Low-Carbohydrate Enteral Nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 1999, 23, 260-268.	2.6	37
95	Metabolic consequences of overfeeding in humans. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2004, 7, 623-628.	2.5	36
96	Dairy calcium supplementation in overweight or obese persons: its effect on markers of fat metabolism. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 877-885.	4.7	36
97	The Prediction of Insulin Resistance With Serum Triglyceride and High-Density Lipoprotein Cholesterol Levels in an East African Population. <i>Archives of Internal Medicine</i> , 2006, 166, 1236.	3.8	35
98	Insulin-Dependent Glucose Utilization in Intensively Milk-Fed Veal Calves Is Modulated by Supplemental Lactose in an Age-Dependent Manner. <i>Journal of Nutrition</i> , 1998, 128, 1023-1030.	2.9	34
99	Changes in Insulin Secretion and Glucose Metabolism Induced by Dexamethasone in Lean and Obese Females. <i>Obesity</i> , 2005, 13, 306-311.	4.0	33
100	Effects of four-week high-fructose diet on gene expression in skeletal muscle of healthy men. <i>Diabetes and Metabolism</i> , 2008, 34, 82-85.	2.9	33
101	Stress and Metabolism. <i>Metabolic Syndrome and Related Disorders</i> , 2005, 3, 8-13.	1.3	32
102	Assessment of adipose tissue metabolism by means of subcutaneous microdialysis in patients with sepsis or circulatory failure. <i>Clinical Physiology and Functional Imaging</i> , 2003, 23, 286-292.	1.2	31
103	Metabolism of oral glucose in children born small for gestational age: evidence for an impaired whole body glucose oxidation. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 847-851.	3.4	31
104	Effects of fructose-containing caloric sweeteners on resting energy expenditure and energy efficiency: a review of human trials. <i>Nutrition and Metabolism</i> , 2013, 10, 54.	3.0	31
105	Fructose metabolism and noncommunicable diseases. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018, 21, 214-222.	2.5	31
106	Tolerable upper intake level for dietary sugars. <i>EFSA Journal</i> , 2022, 20, e07074.	1.8	31
107	Hepatic Insulin Resistance in Obese Non-Diabetic Subjects and in Type 2 Diabetic Patients. <i>Obesity</i> , 2002, 10, 129-134.	4.0	30
108	Pathogenesis of Cardiovascular and Metabolic Diseases: Are Fructose-Containing Sugars More Involved Than Other Dietary Calories?. <i>Current Hypertension Reports</i> , 2016, 18, 44.	3.5	29

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109	Training in hypoxia fails to further enhance endurance performance and lactate clearance in well-trained men and impairs glucose metabolism during prolonged exercise. <i>Experimental Physiology</i> , 2010, 95, 315-330.	2.0	28
110	Q&A: 'Toxic' effects of sugar: should we be afraid of fructose?. <i>BMC Biology</i> , 2012, 10, 42.	3.8	28
111	Fructose-Induced Hyperuricemia Is Associated With a Decreased Renal Uric Acid Excretion in Humans. <i>Diabetes Care</i> , 2013, 36, e149-e150.	8.6	27
112	Adiposity in children born small for gestational age. <i>International Journal of Obesity</i> , 2006, 30, S36-S40.	3.4	25
113	Fish oil supplementation does not alter energy efficiency in healthy males. <i>Clinical Nutrition</i> , 2007, 26, 225-230.	5.0	25
114	Metabolism of sugars: A window to the regulation of glucose and lipid homeostasis by splanchnic organs. <i>Clinical Nutrition</i> , 2021, 40, 1691-1698.	5.0	25
115	Enhanced Insulin-Dependent Glucose Utilization in Iron-Deficient Veal Calves. <i>Journal of Nutrition</i> , 1993, 123, 1656-1667.	2.9	23
116	Effects of fatty acids on exercise plus insulin-induced glucose utilization in trained and sedentary subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E125-E131.	3.5	23
117	Breath acetone to monitor life style interventions in field conditions: An exploratory study. <i>Obesity</i> , 2014, 22, 980-983.	3.0	23
118	Fructose as a Driver of Diabetes: An Incomplete View of the Evidence. <i>Mayo Clinic Proceedings</i> , 2015, 90, 984-988.	3.0	23
119	Short-term administration of isotretinoin elevates plasma triglyceride concentrations without affecting insulin sensitivity in healthy humans. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 4-10.	3.4	22
120	Contributions of fat and protein to the incretin effect of a mixed meal. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 997-1003.	4.7	22
121	Insulin-induced sympathetic activation and vasodilation in skeletal muscle. Effects of insulin resistance in lean subjects. <i>Diabetes</i> , 1995, 44, 641-645.	0.6	22
122	Hepatic nonoxidative disposal of an oral glucose meal in patients with liver cirrhosis. <i>Metabolism: Clinical and Experimental</i> , 1999, 48, 1260-1266.	3.4	21
123	Metabolic Effects of Mental Stress during Over- and Underfeeding in Healthy Women. <i>Obesity</i> , 2002, 10, 49-55.	4.0	21
124	Fructose Metabolism from a Functional Perspective: Implications for Athletes. <i>Sports Medicine</i> , 2017, 47, 23-32.	6.5	21
125	Impaired Expression of the Inducible cAMP Early Repressor Accounts for Sustained Adipose CREB Activity in Obesity. <i>Diabetes</i> , 2011, 60, 3169-3174.	0.6	20
126	Exercise performed immediately after fructose ingestion enhances fructose oxidation and suppresses fructose storage. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 348-355.	4.7	20

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127	Treatment with direct-acting antivirals improves peripheral insulin sensitivity in non-diabetic, lean chronic hepatitis C patients. PLoS ONE, 2019, 14, e0217751.	2.5	20
128	Autoregulation of glucose production in health and disease. Current Opinion in Clinical Nutrition and Metabolic Care, 1999, 2, 161-164.	2.5	20
129	Abnormal regulation of hepatic glucose output in maturity-onset diabetes of the young caused by a specific mutation of the glucokinase gene. Diabetes, 1997, 46, 204-208.	0.6	20
130	Postexercise repletion of muscle energy stores with fructose or glucose in mixed meals. American Journal of Clinical Nutrition, 2017, 105, 609-617.	4.7	19
131	Breath acetone as a marker of energy balance: an exploratory study in healthy humans. Nutrition and Diabetes, 2018, 8, 50.	3.2	19
132	The Impact of Caloric and Non-Caloric Sweeteners on Food Intake and Brain Responses to Food: A Randomized Crossover Controlled Trial in Healthy Humans. Nutrients, 2018, 10, 615.	4.1	19
133	Highly Selective Volatile Organic Compounds Breath Analysis Using a Broadly-Tunable Vertical-External-Cavity Surface-Emitting Laser. Analytical Chemistry, 2017, 89, 6377-6383.	6.5	18
134	French Recommendations for Sugar Intake in Adults: A Novel Approach Chosen by ANSES. Nutrients, 2018, 10, 989.	4.1	18
135	Role of Na ⁺ -K ⁺ -ATPase in insulin-induced lactate release by skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E296-E300.	3.5	16
136	Labeled acetate to assess intestinal absorption in critically ill patients. Critical Care Medicine, 2003, 31, 853-857.	0.9	16
137	Effects of dietary protein on lipid metabolism in high fructose fed humans. Clinical Nutrition, 2012, 31, 238-245.	5.0	16
138	A randomized-controlled clinical trial of high fructose diets from either Robinia honey or free fructose and glucose in healthy normal weight males. Clinical Nutrition ESPEN, 2017, 19, 16-22.	1.2	16
139	Combined effects of endurance training and dietary unsaturated fatty acids on physical performance, fat oxidation and insulin sensitivity. British Journal of Nutrition, 2010, 103, 1151-1159.	2.3	15
140	Monoacylglycerol-enriched oil increases EPA/DHA delivery to circulatory system in humans with induced lipid malabsorption conditions. Journal of Lipid Research, 2016, 57, 2208-2216.	4.2	15
141	OBEDIS Core Variables Project: European Expert Guidelines on a Minimal Core Set of Variables to Include in Randomized, Controlled Clinical Trials of Obesity Interventions. Obesity Facts, 2020, 13, 1-28.	3.4	15
142	POSTPRANDIAL HEPATIC GLYCOGEN SYNTHESIS IN LIVER TRANSPLANT RECIPIENTS1. Transplantation, 2000, 69, 978-982.	1.0	15
143	Metabolic and Respiratory Effects of Sodium Lactate During Short IV Nutrition in Critically Ill Patients. Journal of Parenteral and Enteral Nutrition, 1996, 20, 257-263.	2.6	14
144	Effects of roux-en-Y gastric bypass surgery on postprandial fructose metabolism. Obesity, 2016, 24, 589-596.	3.0	14

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145	Modulation of hepatic inflammation and energy-sensing pathways in the rat liver by high-fructose diet and chronic stress. <i>European Journal of Nutrition</i> , 2019, 58, 1829-1845.	3.9	14
146	Effect of nutritive and non-nutritive sweeteners on hemodynamic responses to acute stress: a randomized crossover trial in healthy women. <i>Nutrition and Diabetes</i> , 2020, 10, 1.	3.2	14
147	Effect of a high fructose diet on metabolic parameters in carriers for hereditary fructose intolerance. <i>Clinical Nutrition</i> , 2021, 40, 4246-4254.	5.0	14
148	EFFECT OF LIVER TRANSPLANTATION ON HEPATIC GLUCOSE METABOLISM IN A PATIENT WITH TYPE I GLYCOGEN STORAGE DISEASE1. <i>Transplantation</i> , 2000, 69, 2205-2207.	1.0	14
149	Microdialysis in the intensive care unit: a novel tool for clinical investigation or monitoring?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2002, 5, 185-188.	2.5	13
150	Chronic Stress Potentiates High Fructose-Induced Lipogenesis in Rat Liver and Kidney. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901141.	3.3	13
151	Pioglitazone Improves Fat Distribution, the Adipokine Profile and Hepatic Insulin Sensitivity in Non-Diabetic End-Stage Renal Disease Subjects on Maintenance Dialysis: A Randomized Cross-Over Pilot Study. <i>PLoS ONE</i> , 2014, 9, e109134.	2.5	13
152	Serum paracetamol concentration: an alternative to X-rays to determine feeding tube location in the critically ill. <i>Journal of Parenteral and Enteral Nutrition</i> , 2003, 27, 151-155.	2.6	12
153	Fructose overfeeding in first-degree relatives of type 2 diabetic patients impacts energy metabolism and mitochondrial functions in skeletal muscle. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2691-2699.	3.3	12
154	Noninvasive assessment of in vivo glycogen kinetics in humans: effect of increased physical activity on glycogen breakdown and synthesis. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1994, 69, 557-563.	1.2	11
155	Incorporation and washout of n-3 PUFA after high dose intravenous and oral supplementation in healthy volunteers. <i>Clinical Nutrition</i> , 2015, 34, 400-408.	5.0	11
156	Effects of Dietary Protein and Fat Content on Intrahepatocellular and Intramyocellular Lipids during a 6-Day Hypercaloric, High Sucrose Diet: A Randomized Controlled Trial in Normal Weight Healthy Subjects. <i>Nutrients</i> , 2019, 11, 209.	4.1	11
157	Effect of Somatostatin on Duodenal Glucose Absorption in Man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4163-4169.	3.6	10
158	Effects of hyperglycemia on glucose metabolism before and after oral glucose ingestion in normal men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E1198-E1204.	3.5	10
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