

# CITATION REPORT

List of articles citing

## Fructose metabolism in humans - what isotopic tracer studies tell us

DOI: 10.1186/1743-7075-9-89  
Nutrition and Metabolism, 2012, 9, 89.

**Source:** <https://exaly.com/paper-pdf/53706313/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
206	Fructose in perspective. <i>Nutrition and Metabolism</i> , <b>2013</b> , 10, 45	4.6	32
205	Fructose-containing sugars, blood pressure, and cardiometabolic risk: a critical review. <b>2013</b> , 15, 281-97		31
204	Adverse metabolic effects of dietary fructose: results from the recent epidemiological, clinical, and mechanistic studies. <b>2013</b> , 24, 198-206		139
203	Identifying Sources of Hepatic Lipogenic Acetyl-CoA Using Stable Isotope Tracers and NMR. <b>2014</b> , 2014, 1-9		3
202	Metabolic fate of fructose ingested with and without glucose in a mixed meal. <b>2014</b> , 6, 2632-49		67
201	The role of dietary sugars and de novo lipogenesis in non-alcoholic fatty liver disease. <b>2014</b> , 6, 5679-703		95
200	Sugar-sweetened beverages with moderate amounts of fructose, but not sucrose, induce Fatty Acid synthesis in healthy young men: a randomized crossover study. <b>2014</b> , 99, 2164-72		11
199	Misconceptions about fructose-containing sugars and their role in the obesity epidemic. <b>2014</b> , 27, 119-30		65
198	Dietary sugar and body weight: have we reached a crisis in the epidemic of obesity and diabetes?: we have, but the pox on sugar is overwrought and overworked. <b>2014</b> , 37, 957-62		60
197	Evolution of High Fructose Corn Syrup Within the Sweeteners Industry. <b>2014</b> , 137-148		5
196	Influence of the ABCG2 gout risk 141 K allele on urate metabolism during a fructose challenge. <b>2014</b> , 16, R34		23
195	Fructose in obesity and cognitive decline: is it the fructose or the excess energy?. <b>2014</b> , 13, 27		4
194	Effect of fructose on markers of non-alcoholic fatty liver disease (NAFLD): a systematic review and meta-analysis of controlled feeding trials. <b>2014</b> , 68, 416-23		203
193	Relevance of liver fat to the impact of dietary extrinsic sugars on lipid metabolism. <b>2015</b> , 74, 208-14		5
192	Multiple Transportable Carbohydrates During Exercise: Current Limitations and Directions for Future Research. <b>2015</b> , 29, 2056-70		10
191	Urinary Sugars--A Biomarker of Total Sugars Intake. <b>2015</b> , 7, 5816-33		47
190	Fructose Metabolism and Relation to Atherosclerosis, Type 2 Diabetes, and Obesity. <b>2015</b> , 2015, 823081		38

189	Fructose substitution of glucose or sucrose in food for normoglycaemic persons or people with impaired glucose tolerance or diabetes. <b>2015,</b>	2
188	Composition, Production, Consumption, and Health Effects of Added Sugars. <b>2015,</b> 457-480	2
187	Glucose-responsive insulin activity by covalent modification with aliphatic phenylboronic acid conjugates. <b>2015,</b> 112, 2401-6	150
186	Temporal metabolomic responses of cultured HepG2 liver cells to high fructose and high glucose exposures. <b>2015,</b> 11, 707-721	14
185	Authorised EU health claim for fructose. <b>2015,</b> 189-215	
184	Differential effects of fructose versus glucose on brain and appetitive responses to food cues and decisions for food rewards. <b>2015,</b> 112, 6509-14	71
183	Saccharide Composition of Carbohydrates Consumed during an Ultra-endurance Triathlon. <b>2015,</b> 34, 497-506	12
182	A randomized, double-blind, placebo-controlled trial to assess the bacterial anti-adhesion effects of cranberry extract beverages. <b>2015,</b> 6, 1212-7	13
181	In vitro fructose exposure overactivates NADPH oxidase and causes oxidative stress in the isolated rat aorta. <b>2015,</b> 29, 2030-7	9
180	High consumption of fructose rather than glucose promotes a diet-induced obese phenotype in <i>Drosophila melanogaster</i> . <b>2015,</b> 180, 75-85	56
179	Carbohydrate: Digestion, Absorption and Metabolism. <b>2016,</b> 643-650	11
178	Relationship between Added Sugars Consumption and Chronic Disease Risk Factors: Current Understanding. <b>2016,</b> 8,	89
177	High dietary fructose load aggravates lipid metabolism in the liver of Wistar rats through imbalance between lipogenesis and fatty acid oxidation. <b>2016,</b> 40, 1235-1242	3
176	Stachyose increases absorption and hepatoprotective effect of tea polyphenols in high fructose-fed mice. <b>2016,</b> 60, 502-10	33
175	Controversies about sugars: results from systematic reviews and meta-analyses on obesity, cardiometabolic disease and diabetes. <b>2016,</b> 55, 25-43	103
174	Association between sucrose intake and acute coronary event risk and effect modification by lifestyle factors: MalmDiet and Cancer Cohort Study. <b>2016,</b> 116, 1611-1620	11
173	Fructose: Sources, Metabolism, and Health. <b>2016,</b> 125-129	2
172	Pathogenesis of Cardiovascular and Metabolic Diseases: Are Fructose-Containing Sugars More Involved Than Other Dietary Calories?. <b>2016,</b> 18, 44	24

171	Functionality of Sugars in Foods and Health. <b>2016</b> , 15, 433-470	97
170	Fructose substitution of glucose or sucrose in food for normoglycaemic persons or people with or at risk of diabetes. <b>2016</b> ,	
169	Sugars, obesity, and cardiovascular disease: results from recent randomized control trials. <b>2016</b> , 55, 45-53	37
168	Effects of roux-en-Y gastric bypass surgery on postprandial fructose metabolism. <b>2016</b> , 24, 589-96	13
167	Controversies about sugars consumption: state of the science. <b>2016</b> , 55, 11-16	8
166	Influence of fructose on the diffusion of potassium hydrogen phosphate in aqueous solutions at 25 °C. <b>2016</b> , 101, 245-250	2
165	Lactose in milk replacer can partly be replaced by glucose, fructose, or glycerol without affecting insulin sensitivity in veal calves. <b>2016</b> , 99, 3072-3080	13
164	Added sugars and risk factors for obesity, diabetes and heart disease. <b>2016</b> , 40 Suppl 1, S22-7	25
163	Physiological handling of dietary fructose-containing sugars: implications for health. <b>2016</b> , 40 Suppl 1, S6-11	39
162	100% citrus juice: Nutritional contribution, dietary benefits, and association with anthropometric measures. <b>2017</b> , 57, 129-140	49
161	Sugar and nutritional extremism. <b>2017</b> , 57, 933-936	2
160	Effects of chronic sugar consumption on lipid accumulation and autophagy in the skeletal muscle. <b>2017</b> , 56, 363-373	18
159	Postexercise repletion of muscle energy stores with fructose or glucose in mixed meals. <b>2017</b> , 105, 609-617	17
158	Added Sugars and Health: What Do We Really Know?. <b>2017</b> , 369-386	
157	Erythritol is a pentose-phosphate pathway metabolite and associated with adiposity gain in young adults. <b>2017</b> , 114, E4233-E4240	39
156	Glucose-fructose ingestion and exercise performance: The gastrointestinal tract and beyond. <b>2017</b> , 17, 874-884	21
155	Fructose Metabolism from a Functional Perspective: Implications for Athletes. <b>2017</b> , 47, 23-32	16
154	What is the appropriate upper limit for added sugars consumption?. <b>2017</b> , 75, 18-36	21

153	Discovery of Fragment-Derived Small Molecules for in Vivo Inhibition of Ketohexokinase (KHK). <b>2017</b> , 60, 7835-7849	23
152	Green and Chamomile Teas, but not Acarbose, Attenuate Glucose and Fructose Transport via Inhibition of GLUT2 and GLUT5. <b>2017</b> , 61, 1700566	33
151	Added fructose as a principal driver of non-alcoholic fatty liver disease: a public health crisis. <b>2017</b> , 4, e000631	16
150	The FGF21 response to fructose predicts metabolic health and persists after bariatric surgery in obese humans. <b>2017</b> , 6, 1493-1502	17
149	LXR $\beta$ Regulates Hepatic ChREBP $\beta$ Activity and Lipogenesis upon Glucose, but Not Fructose Feeding in Mice. <b>2017</b> , 9,	12
148	The Role of Carbohydrate Response Element Binding Protein in Intestinal and Hepatic Fructose Metabolism. <b>2017</b> , 9,	44
147	Role of the Enterocyte in Fructose-Induced Hypertriglyceridaemia. <b>2017</b> , 9,	16
146	Biscuits with No Added Sugar Containing Stevia, Coffee Fibre and Fructooligosaccharides Modifies $\beta$ -Glucosidase Activity and the Release of GLP-1 from HuTu-80 Cells and Serotonin from Caco-2 Cells after In Vitro Digestion. <b>2017</b> , 9,	18
145	Fructose Consumption, Lipogenesis, and Non-Alcoholic Fatty Liver Disease. <b>2017</b> , 9,	122
144	Effects of Natural Products on Fructose-Induced Nonalcoholic Fatty Liver Disease (NAFLD). <b>2017</b> , 9,	82
143	Endurance Training with or without Glucose-Fructose Ingestion: Effects on Lactate Metabolism Assessed in a Randomized Clinical Trial on Sedentary Men. <b>2017</b> , 9,	6
142	Fructose ingestion impairs expression of genes involved in skeletal muscle's adaptive response to aerobic exercise. <b>2017</b> , 12, 33	5
141	The Acute Effects of Simple Sugar Ingestion on Appetite, Gut-Derived Hormone Response, and Metabolic Markers in Men. <b>2017</b> , 9,	12
140	Fructose and sugar: A major mediator of non-alcoholic fatty liver disease. <b>2018</b> , 68, 1063-1075	346
139	The Small Intestine Converts Dietary Fructose into Glucose and Organic Acids. <b>2018</b> , 27, 351-361.e3	264
138	Fructose Feeding during the Postabsorptive State Alters Body Composition and Spares Nitrogen in Protein-Energy-Restricted Old Rats. <b>2018</b> , 148, 40-48	2
137	Health Implications of Fructose Consumption in Humans. <b>2018</b> , 285-309	
136	Fructose metabolism and noncommunicable diseases: recent findings and new research perspectives. <b>2018</b> , 21, 214-222	26

135	Hepatoprotective Effects of Sophoricoside against Fructose-Induced Liver Injury via Regulating Lipid Metabolism, Oxidation, and Inflammation in Mice. <b>2018</b> , 83, 552-558	22
134	Involvement of glucocorticoid prereceptor metabolism and signaling in rat visceral adipose tissue lipid metabolism after chronic stress combined with high-fructose diet. <b>2018</b> , 476, 110-118	7
133	Fructose-containing caloric sweeteners as a cause of obesity and metabolic disorders. <b>2018</b> , 221,	62
132	No Adverse Programming by Post-Weaning Dietary Fructose of Body Weight, Adiposity, Glucose Tolerance, or Metabolic Flexibility. <b>2018</b> , 62, 1700315	7
131	Sugar addiction: is it real? A narrative review. <b>2018</b> , 52, 910-913	34
130	Evidence of high transport and phosphorylation capacity for both glucose and fructose in the ruby-throated hummingbird ( <i>Archilochus colubris</i> ). <b>2018</b> , 224, 253-261	5
129	Nutrition, inflammation and liver-spleen axis. <b>2018</b> , 58, 3141-3158	38
128	Recent insights into the role of ChREBP in intestinal fructose absorption and metabolism. <b>2018</b> , 51, 429-436	23
127	Fructose increases risk for kidney stones: potential role in metabolic syndrome and heat stress. <b>2018</b> , 19, 315	18
126	Copper-Fructose Interactions: A Novel Mechanism in the Pathogenesis of NAFLD. <b>2018</b> , 10,	7
125	Acute metabolic responses to high fructose corn syrup ingestion in adolescents with overweight/obesity and diabetes. <b>2018</b> , 14, 1-7	4
124	The Effect of Glucose or Fructose Added to a Semi-solid Meal on Gastric Emptying Rate, Appetite, and Blood Biochemistry. <b>2018</b> , 5, 94	4
123	Excess Free Fructose Beverages and Allergy in Children and Adolescents: Results From NHANES 2005-2006. <b>2018</b> , 16, 408-418	6
122	High fructose diet feeding accelerates diabetic nephropathy in Spontaneously Diabetic Torii (SDT) rats. <b>2018</b> , 43, 45-58	2
121	Effects of fructose consumption on postprandial TAG: an update on systematic reviews with meta-analysis. <b>2018</b> , 120, 364-372	3
120	A mathematical analysis of adaptations to the metabolic fate of fructose in essential fructosuria subjects. <b>2018</b> , 315, E394-E403	6
119	Source of dietary sucrose influences development of leptin resistance in male and female rats. <b>2018</b> , 314, R598-R610	10
118	Source and amount of carbohydrate in the diet and inflammation in women with polycystic ovary syndrome. <b>2018</b> , 31, 291-301	50

117	A Review on the Protective Effects of Honey against Metabolic Syndrome. <b>2018</b> , 10,	26
116	Intestinal Absorption of Fructose. <b>2018</b> , 38, 41-67	59
115	The Metabolic Flexibility of Hovering Vertebrate Nectarivores. <b>2018</b> , 33, 127-137	5
114	Acute and residual effects of aerobic exercise on fructose-induced postprandial lipemia on lean male subjects. <b>2019</b> , 58, 2293-2303	3
113	Sugar-Sweetened Beverages and Cardiometabolic Health: An Update of the Evidence. <b>2019</b> , 11,	88
112	Acute Effects of Nutritive and Non-Nutritive Sweeteners on Postprandial Blood Pressure. <b>2019</b> , 11,	4
111	Dietary Fructose Consumption and Triple-Negative Breast Cancer Incidence. <b>2019</b> , 10, 367	10
110	Dietary Fructose and the Metabolic Syndrome. <b>2019</b> , 11,	71
109	Variation in the Bitterness Receptor Gene Was Associated with Food Consumption and Obesity Risk in Koreans. <b>2019</b> , 11,	12
108	Circadian rhythm-dependent induction of hepatic lipogenic gene expression in rats fed a high-sucrose diet. <b>2019</b> , 294, 15206-15217	11
107	Role of fruit juice in achieving the 5-a-day recommendation for fruit and vegetable intake. <b>2019</b> , 77, 829-843	12
106	The regulation of hepatic fatty acid synthesis and partitioning: the effect of nutritional state. <b>2019</b> , 15, 689-700	71
105	Managing Metabolic Health Impact of Fructose-Containing Beverages. <b>2019</b> , 1-45	
104	Fructose co-ingestion to increase carbohydrate availability in athletes. <b>2019</b> , 597, 3549-3560	17
103	A study on hepatopathic, dyslipidemic and immunogenic properties of fructosylated-HSA-AGE and binding of autoantibodies in sera of obese and overweight patients with fructosylated-HSA-AGE. <b>2019</b> , 14, e0216736	
102	Carbohydrate and Protein Metabolism: Influences on Cognition and Alzheimer's Disease. <b>2019</b> , 149-187	0
101	Similar effects of high-fructose and high-glucose feeding in a Drosophila model of obesity and diabetes. <b>2019</b> , 14, e0217096	13
100	Cholesterol-Lowering Gene Therapy Prevents Heart Failure with Preserved Ejection Fraction in Obese Type 2 Diabetic Mice. <b>2019</b> , 20,	5

99	Challenging metabolic tissues with fructose: tissue-specific and sex-specific responses. <b>2019</b> , 597, 3527-3537	11
98	Impacts of high-sucrose diet on circadian rhythms in the small intestine of rats. <b>2019</b> , 36, 826-837	5
97	Heterogeneity in Metabolic Responses to Dietary Fructose. <b>2019</b> , 10, 945	6
96	Dietary sugars and non-caloric sweeteners elicit different homeostatic and hedonic responses in the brain. <b>2019</b> , 60, 80-86	20
95	Probing carbohydrate metabolism using hyperpolarized C-labeled molecules. <b>2019</b> , 32, e4018	8
94	Fructose acutely stimulates NKCC2 activity in rat thick ascending limbs by increasing surface NKCC2 expression. <b>2019</b> , 316, F550-F557	10
93	Greater insulin response to acute fructose ingestion among Māori and Pacific people compared to European people living in Aotearoa New Zealand. <b>2019</b> , 49, 196-202	3
92	Critical and emerging topics in dietary carbohydrates and health. <b>2020</b> , 71, 286-295	4
91	Metabolic reprogramming in tumors: Contributions of the tumor microenvironment. <b>2020</b> , 7, 185-198	24
90	Intestinal Fructose and Glucose Metabolism in Health and Disease. <b>2019</b> , 12,	31
89	Application of Raman spectroscopy in comparative study of antiobesity influence of oxytocin and freeze-dried extracts of <i>Uvariadendron anisatum</i> Verdeck (Annonaceae) in Sprague Dawley rats. <b>2020</b> , 51, 398-405	3
88	Effect of overripe banana in developing high dietary fibre and low glycaemic index cookie. <b>2020</b> , 122, 3165-3177	1
87	Triose Kinase Controls the Lipogenic Potential of Fructose and Dietary Tolerance. <b>2020</b> , 32, 605-618.e7	13
86	Fructose contributes to the Warburg effect for cancer growth. <b>2020</b> , 8, 16	29
85	Fructose, Omega 3 Fatty Acids, and Vitamin E: Involvement in Pediatric Non-Alcoholic Fatty Liver Disease. <b>2020</b> , 12,	4
84	Differential Effects of Chronic Ingestion of Refined Sugars versus Natural Sweeteners on Insulin Resistance and Hepatic Steatosis in a Rat Model of Diet-Induced Obesity. <b>2020</b> , 12,	3
83	Computational Modeling of Fructose Metabolism and Development in NAFLD. <b>2020</b> , 8, 762	2
82	The Impact of Dietary Glycemic Index and Glycemic Load on Postprandial Lipid Kinetics, Dyslipidemia and Cardiovascular Risk. <b>2020</b> , 12,	4



81	Fructose Metabolism in Cancer. <b>2020</b> , 9,	13
80	Impact of Post-Exercise Fructose-Maltodextrin Ingestion on Subsequent Endurance Performance. <b>2020</b> , 7, 82	4
79	The small intestine shields the liver from fructose-induced steatosis. <b>2020</b> , 2, 586-593	38
78	Olfaction contributes to the learned avidity for glucose relative to fructose in mice. <b>2020</b> , 318, R901-R916	7
77	Tracing insights into de novo lipogenesis in liver and adipose tissues. <b>2020</b> , 108, 65-71	13
76	Suppression of uric acid and lactate production by sodium acetate ameliorates hepatic triglyceride accumulation in fructose-insulin resistant pregnant rats. <b>2020</b> , 80, 103452	4
75	Saccharide Characteristics and Their Potential Health Effects in Perspective. <b>2020</b> , 7, 75	9
74	Examination of Carbohydrate Products in Feces Reveals Potential Biomarkers Distinguishing Exclusive and Nonexclusive Breastfeeding Practices in Infants. <b>2020</b> , 150, 1051-1057	
73	Metabolic flux analysis of the neural cell glycocalyx reveals differential utilization of monosaccharides. <b>2020</b> , 30, 859-871	6
72	Gut microbiota composition in relation to intake of added sugar, sugar-sweetened beverages and artificially sweetened beverages in the Malmö Offspring Study. <b>2021</b> , 60, 2087-2097	8
71	Appetite-Regulating Hormones Are Reduced After Oral Sucrose vs Glucose: Influence of Obesity, Insulin Resistance, and Sex. <b>2021</b> , 106, 654-664	3
70	Anti-apoptotic and pro-survival effects of longan flower extracts on rat hearts with fructose-induced metabolic syndrome. <b>2021</b> , 36, 1021-1030	
69	The association between Sugars Sweetened Beverages (SSBs) and lipid profile among children and youth: A systematic review and dose-response meta-analysis of cross-sectional studies. <b>2021</b> , 16, e12782	3
68	On the Health Benefits vs. Risks of Seaweeds and Their Constituents: The Curious Case of the Polymer Paradigm. <b>2021</b> , 19,	3
67	Impact of combined long-term fructose and prednisolone intake on glucose and lipid homeostasis in rats: benefits of intake interruption or fish oil administration. <b>2021</b> , 90, 108572	3
66	Fructose intolerance is not associated with malabsorption in patients with functional gastrointestinal disorders. <b>2021</b> , 33, e14150	0
65	Therapeutic Approaches for Nonalcoholic Steatohepatitis (NASH). 1-71	
64	Association Between Added Sugars from Infant Formulas and Rapid Weight Gain in US Infants and Toddlers. <b>2021</b> , 151, 1572-1580	0

63	The interaction between the gut microbiota and dietary carbohydrates in nonalcoholic fatty liver disease. <b>2021</b> , 53, 809-822	2
62	Obesity Development and Signs of Metabolic Abnormalities in Young Göttingen Minipigs Consuming Energy Dense Diets Varying in Carbohydrate Quality. <b>2021</b> , 13,	2
61	Fructose and metabolic diseases: too much to be good. <b>2021</b> , 134, 1276-1285	2
60	Pharmacologic inhibition of ketohexokinase prevents fructose-induced metabolic dysfunction. <b>2021</b> , 48, 101196	7
59	The fructose-dependent acceleration of ethanol metabolism. <b>2021</b> , 188, 114498	1
58	Fructose Metabolism and Cardiac Metabolic Stress. <b>2021</b> , 12, 695486	
57	Fructose and Mannose in Inborn Errors of Metabolism and Cancer. <b>2021</b> , 11,	0
56	Fructose, glucose and fat interrelationships with metabolic pathway regulation and effects on the gut microbiota. <b>2021</b> , 69, 134-156	0
55	High sucrose diet-induced dysbiosis of gut microbiota promotes fatty liver and hyperlipidemia in rats. <b>2021</b> , 93, 108621	8
54	A Metabolomic Analysis of the Sex-Dependent Hispanic Paradox. <b>2021</b> , 11,	1
53	The acute and postprandial effects of sugar moiety on vascular and metabolic health outcomes in adolescents. <b>2021</b> , 46, 906-914	0
52	Multifunctional Fructose 1,6-Bisphosphate Aldolase as a Therapeutic Target. <b>2021</b> , 8, 719678	4
51	Fructose Intake: Metabolism and Role in Diseases.	
50	Fructose-Rich Diet Attenuates Stress-Induced Metabolic Disturbances in the Liver of Adult Female Rats. <b>2021</b> , 151, 3661-3670	2
49	Interaction of dietary carbohydrate and fat on glucose metabolism in growing pigs. <b>2022</b> , 78, 106655	
48	Fructose, sucres et maladies métaboliques. <b>2021</b> , 103-107	
47	Sweeteners and Diabetes. <b>2014</b> , 309-323	3
46	Health Implications of Fructose Consumption in Humans. <b>2017</b> , 1-26	2

45	Effects of fructose restriction on liver steatosis (FRUITLESS); a double-blind randomized controlled trial. <b>2021</b> , 113, 391-400	9
44	Fructose Metabolism Contributes to the Warburg effect.	1
43	Hyperinsulinaemia: does it tip the balance toward intrahepatic fat accumulation?. <b>2019</b> , 8, R157-R168	8
42	The Role of Fructose, Sucrose and High-fructose Corn Syrup in Diabetes. <b>2014</b> , 10, 51-60	3
41	Added sugars drive chronic kidney disease and its consequences: A comprehensive review. <b>2016</b> , 1,	3
40	No Dose Response Relationship in the Effects of Commonly Consumed Sugars on Risk Factors for Diabetes across a Range of Typical Human Consumption Levels. <b>2015</b> , 06, 101-111	3
39	Added Sugars and Health: Evidence from Prospective Cohort Studies and Controlled Dietary Trials. <b>2014</b> , 113-123	
38	Suikers en zoetstoffen. <b>2017</b> , 95-118	
37	Raman Spectroscopic comparative study of Oxytocin and Freeze-dried Extract of Uvarioidendron anisatum Verdeck (Annonaceae) and their influence on diet induced obesity in Sprague Dawley rats.	
36	Raman Spectroscopic Study of the Influence of Oxytocin and Uvarioidendron anisatum Verdeck (Annonaceae) Freeze-dried Extracts on Diet Induced Obesity in Sprague Dawley Rats.	
35	Chronic high dietary sucrose induces sexually dimorphic metabolic adaptations in liver and adipose tissue.	
34	Impaired Carbohydrate Metabolism in Metabolic Disorders. <b>2021</b> , 43-55	
33	Carbohydrate tolerance in Amazon tambaqui (Colossoma macropomum) revealed by NMR-metabolomics - Are glucose and fructose different sugars for fruit-eating fish?. <b>2021</b> , 41, 100928	0
32	In vitro enzymatic electrochemical monitoring of glucose metabolism and production in rat primary hepatocytes on highly O permeable plates. <b>2022</b> , 143, 107972	1
31	Dose Dependent Effects of Fructose and Glucose on de novo Palmitate and Glycerol Synthesis in an Enterocyte Cell Model. <b>2021</b> , 66, e2100456	
30	Metabolism and Health Effects of Rare Sugars in a CACO-2/HepG2 Coculture Model.. <b>2022</b> , 14,	1
29	Insight on Glucose and Fructose Absorption and Relevance in the Enterocyte Milieu.. <b>2022</b> , 14,	0
28	Metabolism and Health Impacts of Dietary Sugars.. <b>2022</b> , 11, 20-38	1

27	The role of sugar-sweetened beverages in the global epidemics of obesity and chronic diseases.. <b>2022,</b>	17
26	Crosstalk between TM4SF5 and GLUT8 regulates fructose metabolism in hepatic steatosis.. <b>2022,</b> 101451	1
25	Ketohexokinase-mediated fructose metabolism is lost in hepatocellular carcinoma and can be leveraged for metabolic imaging.. <b>2022,</b> 8, eabm7985	0
24	Chronological Appearance of Endocrine and Metabolic Dysfunctions Induced by an Unhealthy Diet in Rats.. <b>2021,</b> 58,	
23	Fructose Intake, Hypertension and Cardiometabolic Risk Factors in Children and Adolescents: From Pathophysiology to Clinical Aspects. A Narrative Review.. <b>2022,</b> 9, 792949	0
22	Table_1.docx. <b>2020,</b>	
21	Table_2.pdf. <b>2020,</b>	
20	Moringa Oleifera Lam. Seeds Extract as Traditional Herbal Medicine for Liver Inflammation of Metabolic Syndrome Rats. 2,	1
19	Screen-Printed Carbon Electrodes with Macroporous Copper Film for Enhanced Amperometric Sensing of Saccharides.. <b>2022,</b> 22,	0
18	Sugars measured enzymatically in a fasting overnight urine sample are not sensitive biomarkers of dietary added sugar intake in postmenopausal women. 026010602211068	
17	Important Food Sources of Fructose-Containing Sugars and Non-Alcoholic Fatty Liver Disease: A Systematic Review and Meta-Analysis of Controlled Trials. <b>2022,</b> 14, 2846	0
16	Fructose 1-phosphate, an evolutionary signaling molecule of abundance. <b>2022,</b>	
15	Excessive fructose intake inhibits skeletal development in adolescent rats via gut microbiota and energy metabolism. 13,	0
14	Addition of Fructose to a Carbohydrate-Rich Breakfast Improves Cycling Endurance Capacity in Trained Cyclists. <b>2022,</b> 1-7	1
13	Fructose, a trigger of metabolic diseases?A narrative review. 51-71	0
12	Early-life sugar consumption affects the microbiome in Juvenile mice. 2200322	0
11	Effect of Important Food Sources of Fructose-Containing Sugars on Inflammatory Biomarkers: A Systematic Review and Meta-Analysis of Controlled Feeding Trials. <b>2022,</b> 14, 3986	0
10	The effect of high-fructose corn syrup vs. sucrose on anthropometric and metabolic parameters: A systematic review and meta-analysis. 9,	0

- 9 Chronic intake of high dietary sucrose induces sexually dimorphic metabolic adaptations in mouse liver and adipose tissue. **2022**, 13,
- 8 Maternal Fructose Intake, Programmed Mitochondrial Function and Predisposition to Adult Disease. **2022**, 23, 12215
- 7 Sucrose solution, but not liquid sucrose diet, leads to leptin resistance irrespective of the time of day that sucrose is available. **2023**, 258, 114002
- 6 Could Alzheimer's Disease Be a Maladaptation of an Evolutionary Survival Pathway Mediated by Intracerebral Fructose and Uric acid Metabolism?. **2023**,
- 5 Moderating carbohydrate digestion rate promotes metabolic flexibility in mice.
- 4 Palmyrah palm and its products (Neera, Jaggery and Candy) A Review on chemistry and technology. **2023**, 3, 100256
- 3 Important food sources of fructose-containing sugars and adiposity: A systematic review and meta-analysis of controlled feeding trials. **2023**, 117, 741-765
- 2 Responses to Hypoxia: How Fructose Metabolism and Hypoxia-Inducible Factor-1a Pathways Converge in Health and Disease. **2023**, 12, 181-190
- 1 High-Fructose Diet-Induced Hyperuricemia Accompanying Metabolic Syndrome Mechanisms and Dietary Therapy Proposals. **2023**, 20, 3596