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#	Paper	IF	Citations
564	Heart and liver fatty acid binding proteins and the metabolic syndrome. 2005 , 7, 401-6		4
563	Prevalence, predisposition and prevention of type II diabetes. <i>Nutrition and Metabolism</i> , 2005 , 2, 29	4.6	83
562	Effect of skim milk and dahi (yogurt) on blood glucose, insulin, and lipid profile in rats fed with high fructose diet. 2006 , 9, 328-35		19
561	Nocturnal hypertension in mice consuming a high fructose diet. 2006 , 130, 41-50		91
560	Independent association between triglycerides and coronary artery disease in Taiwanese type 2 diabetic patients. 2006 , 111, 80-5		18
559	Vanadate but not tungstate prevents the fructose-induced increase in GLUT5 expression and fructose uptake by neonatal rat intestine. 2006 , 136, 2308-13		7
558	Obesity Trends. 2006 , 21, 76-94		9
557	Effect of sucrose and saturated-fat diets on mRNA levels of genes limiting muscle fatty acid and glucose supply in rats. 2006 , 41, 55-62		6
556	Fructose-enriched diet modifies antioxidant status and lipid metabolism in spontaneously hypertensive rats. 2006 , 22, 758-66		81
555	New guidelines on diet and blood pressure. 2006 , 47, 135-6		10
554	Deleterious effects of sugar and protective effects of starch on cardiac remodeling, contractile dysfunction, and mortality in response to pressure overload. 2007 , 293, H1853-60		36
553	Potential impact of carbohydrate and fat intake on pathological left ventricular hypertrophy. 2007 , 73, 257-68		49
552	Genetic and dietary interactions: role of angiotensin AT1a receptors in response to a high-fructose diet. 2007 , 293, H1083-9		42
551	Effect of dietary fructans and dexamethasone administration on the insulin response of ponies predisposed to laminitis. 2007 , 231, 1365-73		73
550	Preventive effect of diabegon, a polyherbal preparation, during progression of diabetes induced by high-fructose feeding in rats. 2007 , 105, 12-21		14
549	PPAR⊞its role in the human metabolic syndrome. 2007 , 2, 31-53		10
548	Fructose intake is a predictor of LDL particle size in overweight schoolchildren. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1174-8	7	74

(2008-2007)

547	Comparative review of diets for the metabolic syndrome: implications for nonalcoholic fatty liver disease. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 285-300	292
546	Sterilization in a liquid of a specific starch makes it slowly digestible in vitro and low glycemic in rats. 2007 , 137, 2202-7	12
545	Dioscorea as the principal herb of Die-Huang-Wan, a widely used herbal mixture in China, for improvement of insulin resistance in fructose-rich chow-fed rats. 2007 , 112, 577-84	42
544	Myricetin, a naturally occurring flavonol, ameliorates insulin resistance induced by a high-fructose diet in rats. 2007 , 81, 1479-88	77
543	Unhappy meal: how our need to detect stress may have shaped our preferences for taste. 2007 , 69, 746-51	7
542	Hypoglycemic effect of aqueous shallot and garlic extracts in rats with fructose-induced insulin resistance. 2007 , 41, 218-23	62
541	Fructose-mediated stress signaling in the liver: implications for hepatic insulin resistance. <i>Journal of Nutritional Biochemistry</i> , 2007 , 18, 1-9	77
540	Tagatose, a new antidiabetic and obesity control drug. 2008, 10, 109-34	79
539	Antidiabetic effect of probiotic dahi containing Lactobacillus acidophilus and Lactobacillus casei in high fructose fed rats. 2007 , 23, 62-8	404
538	The reduction of dietary sucrose improves dyslipidemia, adiposity, and insulin secretion in an insulin-resistant rat model. 2007 , 23, 489-97	13
537	High dietary sucrose triggers hyperinsulinemia, increases myocardial beta-oxidation, reduces glycolytic flux and delays post-ischemic contractile recovery. 2007 , 295, 217-28	18
536	Genome-wide transcriptome expression in the liver of a mouse model of high carbohydrate diet-induced liver steatosis and its significance for the disease. 2008 , 2, 39-49	8
535	Sucres simples purifis versus sucres des fruits, ont-ils les mines effets mitaboliques?. 2008 , 6, 91-95	О
534	Catalytic efficiency of immobilized glucose isomerase in isomerization of glucose to fructose. 2008 , 111, 658-662	36
533	Fructose and the metabolic syndrome: pathophysiology and molecular mechanisms. 2007, 65, S13-23	98
532	Fruit makes you fat?. 2008 , 33, 343-346	5
531	Inulin supplementation prevents high fructose diet-induced hypertension in rats. 2008, 27, 276-82	36
530	Regulation of hepatic lipogenesis by the transcription factor XBP1. 2008 , 320, 1492-6	705

529	Proteomic analysis of fructose-induced fatty liver in hamsters. 2008, 57, 1115-24	37
528	Gravinol ameliorates high-fructose-induced metabolic syndrome through regulation of lipid metabolism and proinflammatory state in rats. 2008 , 56, 5026-32	41
527	Fructose-induced leptin resistance exacerbates weight gain in response to subsequent high-fat feeding. 2008 , 295, R1370-5	203
526	Fructose consumption as a risk factor for non-alcoholic fatty liver disease. 2008 , 48, 993-9	597
525	Overexpression of ubiquitous 6-phosphofructo-2-kinase in the liver of transgenic mice results in weight gain. 2008 , 365, 291-7	16
524	Plasma 15-F2t isoprostane concentrations are increased during acute fructose loading in type 2 diabetes. 2008 , 34, 148-54	16
523	Insulin internalizes GLUT2 in the enterocytes of healthy but not insulin-resistant mice. 2008, 57, 555-62	89
522	Regulation of the fructose transporter GLUT5 in health and disease. 2008 , 295, E227-37	285
521	Fructose-induced leptin resistance: discovery of an unsuspected form of the phenomenon and its significance. Focus on "Fructose-induced leptin resistance exacerbates weight gain in response to subsequent high-fat feeding," by Shapiro et al. 2008 , 295, R1365-9	12
520	Differential effects of central fructose and glucose on hypothalamic malonyl-CoA and food intake. 2008 , 105, 16871-5	140
519	Hepatic effects of a fructose diet in the stroke-prone spontaneously hypertensive rat. 2008, 21, 708-14	4
518	FoxO1 integrates insulin signaling to VLDL production. 2008 , 7, 3162-70	99
517	L-carnitine: implications in the treatment of the metabolic syndrome and Type 2 diabetes. 2008 , 3, 777-783	2
516	Hypertension and insulin resistance in a mixed-breed population of ponies predisposed to laminitis. 2008 , 69, 122-9	135
515	Consumption of fructose-sweetened beverages for 10 weeks increases postprandial triacylglycerol and apolipoprotein-B concentrations in overweight and obese women. 2008 , 100, 947-52	93
514	Dietary fructose and the metabolic syndrome. 2008 , 24, 204-9	142
513	Dietary Complex Carbohydrates and Low Glycemic Index/Load Decrease Levels of Specific Metabolic Syndrome/Cardiovascular Disease Risk Factors. 2008 , 23, 76-96	5
512	Parasympathetic dysfunction is associated with insulin resistance in fructose-fed female rats. 2008 , 41, 804-8	37

(2009-2008)

511	Luminal fructose inhibits rat intestinal sodium-phosphate cotransporter gene expression and phosphate uptake. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 1028-38	27
510	Effect of fructose or sucrose feeding with different levels on oral glucose tolerance test in normal and type 2 diabetic rats. 2008 , 2, 252-8	21
509	Felodipine reduces cardiac expression of IL-18 and perivascular fibrosis in fructose-fed rats. 2008 , 14, 395-402	23
508	Dietary green tea extract lowers plasma and hepatic triglycerides and decreases the expression of sterol regulatory element-binding protein-1c mRNA and its responsive genes in fructose-fed, ovariectomized rats. 2009 , 139, 640-5	62
507	Slc2a5 (Glut5) is essential for the absorption of fructose in the intestine and generation of fructose-induced hypertension. 2009 , 284, 5056-66	146
506	Fructose ingestion: dose-dependent responses in health research. 2009 , 139, 1246S-1252S	46
505	Regulation of liver glucokinase activity in rats with fructose-induced insulin resistance and impaired glucose and lipid metabolism. 2009 , 87, 702-10	18
504	Metabolic syndrome signs in Wistar rats submitted to different high-fructose ingestion protocols. 2009 , 101, 1178-84	97
503	Ketohexokinase: expression and localization of the principal fructose-metabolizing enzyme. 2009 , 57, 763-74	106
502	Dietary sweeteners containing fructose: overview of a workshop on the state of the science. 2009 , 139, 1210S-1213S	25
501	Endocrine and metabolic effects of consuming fructose- and glucose-sweetened beverages with meals in obese men and women: influence of insulin resistance on plasma triglyceride responses. 2009 , 94, 1562-9	231
500	Westernized-like-diet-fed rats: effect on glucose homeostasis, lipid profile, and adipocyte hormones and their modulation by rosiglitazone and glimepiride. 2009 , 23, 199-208	49
499	Regulation of Insulin Action by Diet and Exercise. 2009 , 29, 274-284	15
498	Toll-like receptor 4 is involved in the development of fructose-induced hepatic steatosis in mice. 2009 , 50, 1094-104	391
497	Role of fructose concentration on cataractogenesis in senile diabetic and non-diabetic patients. 2009 , 247, 809-14	9
496	Effects of long-term consumption of a high-fructose diet on conventional cardiovascular risk factors in Sprague-Dawley rats. 2009 , 327, 247-56	22
495	Native fructose extracted from apple improves glucose tolerance in mice. 2009, 65, 361-8	1
494	Diabetes of the liver: the link between nonalcoholic fatty liver disease and HFCS-55. 2009 , 17, 2003-13	58

493	Genistein improves liver function and attenuates non-alcoholic fatty liver disease in a rat model of insulin resistance. 2009 , 1, 278-87		78
492	Sweetened beverage consumption and risk of coronary heart disease in women. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1037-42		389
491	Fructose-induced increase in ethanol metabolism and the risk of Syndrome X in man. 2009 , 332, 534-8		7
490	The role of peroxisome proliferator-activated receptor gamma coactivator-1 beta in the pathogenesis of fructose-induced insulin resistance. 2009 , 9, 252-64		157
489	Diabetes and cardiovascular autonomic dysfunction: application of animal models. 2009, 145, 3-10		31
488	A high fructose diet impairs spatial memory in male rats. 2009 , 92, 410-6		110
487	Dietary fructose, fruits, fruit juices and glucose tolerance status in Japanese-Brazilians. 2009 , 19, 77-83		20
486	Further evaluation of antihyperglycaemic activity of Hunteria umbellata (K. Schum) Hallier f. seed extract in experimental diabetes. 2009 , 126, 238-43		28
485	Effects of natural honey consumption in diabetic patients: an 8-week randomized clinical trial. 2009 , 60, 618-26		88
484	Chemical composition and glycemic index of three varieties of Omani dates. 2009 , 60 Suppl 4, 51-62		38
483	The improvement of hypertension by probiotics: effects on cholesterol, diabetes, renin, and phytoestrogens. <i>International Journal of Molecular Sciences</i> , 2009 , 10, 3755-75	5.3	151
482	Inhibition of inducible nitric oxide synthase prevents mitochondrial damage and improves survival of steatotic partial liver grafts. 2010 , 89, 291-8		19
481	The protective role of Kangen-karyu against fructose-induced metabolic syndrome in a rat model. 2007 , 59, 1271-8		17
480	Novel action of 7-O-galloyl-d-sedoheptulose isolated from Corni Fructus as a hypertriglyceridaemic agent. 2010 , 61, 653-661		12
479	Naringenin enhances insulin-stimulated tyrosine phosphorylation and improves the cellular actions of insulin in a dietary model of metabolic syndrome. 2010 , 49, 101-9		60
478	Risk factors preceding type 2 diabetes and cardiomyopathy. 2010 , 3, 580-96		25
477	Effect of diet supplemented with quinoa seeds on oxidative status in plasma and selected tissues of high fructose-fed rats. 2010 , 65, 146-51		66
476	High-fructose diet elevates myocardial superoxide generation in mice in the absence of cardiac hypertrophy. 2010 , 26, 842-8		46

(2010-2010)

475	Sugar-sweetened carbonated beverage consumption correlates with BMI, waist circumference, and poor dietary choices in school children. 2010 , 10, 234	146
474	Chronic consumption of fructose rich soft drinks alters tissue lipids of rats. 2010 , 2, 43	10
473	Suppression of hepatic oxidative events and regulation of eNOS expression in the liver by naringenin in fructose-administered rats. 2010 , 645, 177-84	55
472	Increased fructose consumption is associated with fibrosis severity in patients with nonalcoholic fatty liver disease. 2010 , 51, 1961-71	479
471	Effect of dietary monosodium glutamate on HFCS-induced hepatic steatosis: expression profiles in the liver and visceral fat. 2010 , 18, 1122-34	32
470	Nonalcoholic fatty liver disease: a challenge for pediatricians. 2010 , 34, 1451-67	49
469	Lymphatic system: a vital link between metabolic syndrome and inflammation. 2010 , 1207 Suppl 1, E94-102	45
468	Fructose and cardiometabolic disorders: the controversy will, and must, continue. 2010 , 65, 729-38	21
467	Consumption of Cross-Linked Resistant Starch (RS4(XL)) on Glucose and Insulin Responses in Humans. 2010 , 2010,	46
466	Sweetened beverage consumption and increased risk of metabolic syndrome in Mexican adults. 2010 , 13, 835-42	36
465	Both isoforms of ketohexokinase are dispensable for normal growth and development. 2010 , 42A, 235-43	39
464	Dose-dependent effect of galangin on fructose-mediated insulin resistance and oxidative events in rat kidney. 2010 , 15, 224-32	18
463	Nuclear receptors and hepatic lipidogenic enzyme response to a dyslipidemic sucrose-rich diet and its reversal by fish oil n-3 polyunsaturated fatty acids. 2010 , 298, E429-39	41
462	The protective role of amla (Emblica officinalis Gaertn.) against fructose-induced metabolic syndrome in a rat model. 2010 , 103, 502-12	60
461	Sugar-sweetened beverages and risk of obesity and type 2 diabetes: epidemiologic evidence. 2010 , 100, 47-54	543
460	Gum Guar fiber associated with fructose reduces serum triacylglycerol but did not improve the glucose tolerance in rats. 2010 , 2, 61	6
459	Electron density guided fragment-based lead discovery of ketohexokinase inhibitors. 2010 , 53, 7979-91	28
458	Cissus quadrangularis stem alleviates insulin resistance, oxidative injury and fatty liver disease in rats fed high fat plus fructose diet. 2010 , 48, 2021-9	77

457	Eating ourselves to death (and despair): the contribution of adiposity and inflammation to depression. 2010 , 91, 275-99		175
456	Feeding silk protein hydrolysates to C57BL/KsJ-db/db mice improves blood glucose and lipid profiles. 2010 , 30, 783-90		40
455	Antidiabetic effect of Dodonaea viscosa aerial parts in high fat diet and low dose streptozotocin-induced type 2 diabetic rats: a mechanistic approach. 2010 , 48, 1137-48		33
454	Sugar-sweetened beverages, obesity, type 2 diabetes mellitus, and cardiovascular disease risk. 2010 , 121, 1356-64		1048
453	Exercise counteracts fatty liver disease in rats fed on fructose-rich diet. 2010 , 9, 116		36
452	Protective effect of Clerodendron glandulosum extract against experimentally induced metabolic syndrome in rats. 2010 , 48, 1312-9		13
451	Refined fructose and cancer. 2011 , 15, 1049-59		32
450	Obesity and energy balance: is the tail wagging the dog?. 2011 , 65, 1173-89		77
449	Comparative effects of fructose and glucose on lipogenic gene expression and intermediary metabolism in HepG2 liver cells. <i>PLoS ONE</i> , 2011 , 6, e26583	3.7	32
448	Electron density guided fragment-based drug designa lead generation example. 2011 , 493, 487-508		6
447	Myocardial autophagy activation and suppressed survival signaling is associated with insulin resistance in fructose-fed mice. 2011 , 50, 1035-43		154
446	Inhibitors of Ketohexokinase: Discovery of Pyrimidinopyrimidines with Specific Substitution that Complements the ATP-Binding Site. 2011 , 2, 538-43		19
445	Time course of asymmetric dimethylarginine (ADMA) and oxidative stress in fructose-hypertensive rats: a model related to metabolic syndrome. 2011 , 214, 310-5		27
444	Hepatic oxidative stress in fructose-induced fatty liver is not caused by sulfur amino acid insufficiency. <i>Nutrients</i> , 2011 , 3, 987-1002	6.7	17
443	Administration of rosmarinic acid reduces cardiopathology and blood pressure through inhibition of p22phox NADPH oxidase in fructose-fed hypertensive rats. 2011 , 58, 514-21		59
442	Analysis of chemical parameters determining the fruit quality of apricot cultivars during ripening. 2011 , 40, 109-119		5
441	A randomized cross-over study of the metabolic and hormonal responses following two preoperative conditioning drinks. 2011 , 27, 938-42		20
440	Sugar sweetened beverage consumption by Australian children: implications for public health strategy. 2011 , 11, 950		38

439	Genistein modulates NF-B-associated renal inflammation, fibrosis and podocyte abnormalities in fructose-fed rats. 2011 , 667, 355-64	49
438	Optimization of a pyrazole hit from FBDD into a novel series of indazoles as ketohexokinase inhibitors. 2011 , 21, 4762-7	19
437	Effect of galangin supplementation on oxidative damage and inflammatory changes in fructose-fed rat liver. 2011 , 193, 141-8	57
436	Drosophila melanogaster larvae fed by glucose and fructose demonstrate difference in oxidative stress markers and antioxidant enzymes of adult flies. 2011 , 160, 27-34	60
435	Fructose impairs glucose-induced hepatic triglyceride synthesis. 2011 , 10, 20	27
434	Dietary fructose and risk of metabolic syndrome in adults: Tehran Lipid and Glucose study. <i>Nutrition and Metabolism</i> , 2011 , 8, 50	ó 21
433	Functional foods and prevention of diabetes. 2011 , 261-276	O
432	Prevention and reversal of diet-induced leptin resistance with a sugar-free diet despite high fat content. 2011 , 106, 390-7	54
431	Supplementation of bitter melon to rats fed a high-fructose diet during gestation and lactation ameliorates fructose-induced dyslipidemia and hepatic oxidative stress in male offspring. 2011 , 141, 1664-72	39
430	Increased postprandial glycaemia, insulinemia, and lipidemia after 10 weeks&ucrose-rich diet compared to an artificially sweetened diet: a randomised controlled trial. 2011 , 55,	56
429	Polyphenol-rich strawberry pomace reduces serum and liver lipids and alters gastrointestinal metabolite formation in fructose-fed rats. 2011 , 141, 1777-83	33
428	Grape seed extract supplementation prevents high-fructose diet-induced insulin resistance in rats by improving insulin and adiponectin signalling pathways. 2011 , 106, 1173-81	38
427	Effects of soaking on the water-soluble carbohydrate and crude protein content of hay. 2011 , 168, 618	38
426	Rodent models for metabolic syndrome research. 2011 , 2011, 351982	228
425	Effect of bromocriptine on cardiovascular complications associated with metabolic syndrome in fructose fed rats. 2012 , 44, 688-93	11
424	Sympathetic overactivity precedes metabolic dysfunction in a fructose model of glucose intolerance in mice. 2012 , 302, R950-7	57
423	Impairments in the intrinsic contractility of mesenteric collecting lymphatics in a rat model of metabolic syndrome. 2012 , 302, H643-53	62
422	Metabolite profiling reveals clear metabolic changes during somatic embryo development of Norway spruce (Picea abies). 2012 , 32, 232-44	40

421	Fructose acutely stimulates NHE3 activity in kidney proximal tubule. 2012, 36, 320-34	22
420	Effect of pioglitazone on the fructose-induced abdominal adipose tissue dysfunction. 2012 , 2012, 259093	13
419	Cardiometabolic benefits of exercise training in an experimental model of metabolic syndrome and menopause. 2012 , 19, 562-8	21
418	Spectral algorithms for heterogeneous biological networks. 2012 , 11, 457-68	1
417	Toll-like receptors 1-9 are elevated in livers with fructose-induced hepatic steatosis. 2012 , 107, 1727-38	96
416	Attenuation of insulin resistance, metabolic syndrome and hepatic oxidative stress by resveratrol in fructose-fed rats. 2012 , 66, 260-8	149
415	Cardioprotective and antihypertensive effects of Enicostemma littorale Blume extract in fructose-fed rats. 2012 , 90, 1065-73	8
414	Functionality of postprandial larger HDL2 particles is enhanced following CETP inhibition therapy. 2012 , 221, 160-8	31
413	Phenotyping the effect of diet on non-alcoholic fatty liver disease. 2012 , 57, 1370-3	110
412	Scientific assessment of the use of sugars as cigarette tobacco ingredients: a review of published and other publicly available studies. 2012 , 42, 244-78	41
411	Effects of 4 weight-loss diets differing in fat, protein, and carbohydrate on fat mass, lean mass, visceral adipose tissue, and hepatic fat: results from the POUNDS LOST trial. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 614-25	127
410	Pyrimidinopyrimidine inhibitors of ketohexokinase: exploring the ring C2 group that interacts with Asp-27B in the ligand binding pocket. 2012 , 22, 5326-9	9
409	Regulation of adipose differentiation by fructose and GluT5. 2012 , 26, 1773-82	35
408	Ingestion of a moderate high-sucrose diet results in glucose intolerance with reduced liver glucokinase activity and impaired glucagon-like peptide-1 secretion. 2012 , 3, 432-40	31
407	Long-term high fructose and saturated fat diet affects plasma fatty acid profile in rats. 2012, 13, 307-17	19
406	Using Diet to Induce Metabolic Disease in Rodents. 2012 , 333-350	
405	Traditional uses, phytochemistry and pharmacology of Clerodendron glandulosum Coleba review. 2012 , 5, 1-6	12
404	Therapeutic effects of tender coconut water on oxidative stress in fructose fed insulin resistant hypertensive rats. 2012 , 5, 270-6	20

(2013-2012)

403	Genistein promotes insulin action through adenosine monophosphate-activated protein kinase activation and p70 ribosomal protein S6 kinase 1 inhibition in the skeletal muscle of mice fed a high energy diet. 2012 , 32, 617-25		28	
402	Fructose-fed streptozotocin-injected rat: an alternative model for type 2 diabetes. <i>Pharmacological Reports</i> , 2012 , 64, 129-39	3.9	156	
401	Effect of dietary blueberry pomace on selected metabolic factors associated with high fructose feeding in growing Sprague-Dawley rats. 2012 , 15, 802-10		24	
400	Fructose-rich diet leads to reduced aerobic capacity and to liver injury in rats. 2012, 11, 78		25	
399	Topiramate-induced modulation of hepatic molecular mechanisms: an aspect for its anti-insulin resistant effect. <i>PLoS ONE</i> , 2012 , 7, e37757	3.7	19	
398	Effects of coenzyme Q10 and Hipoic acid supplementation in fructose fed rats. 2012 , 50, 145-51		7	
397	Anti-inflammatory effect of atorvastatin on vascular reactivity and insulin resistance in fructose fed rats. 2012 , 35, 155-62		29	
396	Timing of fructose intake: an important regulator of adiposity. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 57-62	3	19	
395	Antidiabetic effect of Ficus racemosa Linn. stem bark in high-fat diet and low-dose streptozotocin-induced type 2 diabetic rats: a mechanistic study. 2012 , 132, 186-93		76	
394	Allopurinol, quercetin and rutin ameliorate renal NLRP3 inflammasome activation and lipid accumulation in fructose-fed rats. 2012 , 84, 113-25		127	
393	Immobilization of nickel-dipicolinic acid onto a glassy carbon electrode modified with bimetallic Au-Pt inorganic-organic hybrid nanocomposite: Application to micromolar detection of fructose. 2012 , 48, 457-466		4	
392	Glucocorticoid signaling in the liver and adipose tissue of male and female fructose-fed rats. 2012 , 6,		78	
391	Fructose in perspective. <i>Nutrition and Metabolism</i> , 2013 , 10, 45	4.6	32	
390	High DHA dosage from algae oil improves postprandial hypertriglyceridemia and is safe for type-2 diabetics. 2013 , 33, 75-82		5	
389	Passive fructose transporters in disease: a molecular overview of their structural specificity. 2013 , 11, 4909-20		15	
388	Metabolic, hemodynamic and structural adjustments to low intensity exercise training in a metabolic syndrome model. 2013 , 12, 89		17	
387	Beneficial effects of omega-3 fatty acids on the consequences of a fructose diet are not mediated by PPAR delta or PGC1 alpha. 2013 , 52, 1865-74		11	

385	Nonalcoholic fatty liver disease and the metabolic syndrome: clinical implications and treatment. 2013 , 28, 40-51		46
384	Markers in nonalcoholic steatohepatitis. 2013 , 61, 67-125		12
383	Long-term calorie restriction has minimal impact on brain metabolite and fatty acid profiles in aged rats on a Western-style diet. 2013 , 63, 450-7		8
382	Fructose, pregnancy and later life impacts. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013 , 40, 824-37	3	36
381	High dietary salt decreases antioxidant defenses in the liver of fructose-fed insulin-resistant rats. Journal of Nutritional Biochemistry, 2013 , 24, 2016-22	6.3	16
380	Codonopsis javanica root extracts attenuate hyperinsulinemia and lipid peroxidation in fructose-fed insulin resistant rats. 2013 , 21, 347-355		20
379	Fructose consumption enhances glucocorticoid action in rat visceral adipose tissue. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1166-72	6.3	33
378	Impaired hypotensive responses induced by intrathecally injected drugs in fructose-fed rats. 2013 , 706, 17-24		6
377	The effect of long-term taurine supplementation and fructose feeding on glucose and lipid homeostasis in Wistar rats. 2013 , 776, 39-50		9
376	Antioxidant treatment prevents the development of fructose-induced abdominal adipose tissue dysfunction. 2013 , 125, 87-97		32
375	Oral administration of Lactobacillus reuteri GMNL-263 improves insulin resistance and ameliorates hepatic steatosis in high fructose-fed rats. <i>Nutrition and Metabolism</i> , 2013 , 10, 35	4.6	148
374	Enhanced prereceptor glucocorticoid metabolism and lipogenesis impair insulin signaling in the liver of fructose-fed rats. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1790-7	6.3	18
373	Preventive role of exercise training in autonomic, hemodynamic, and metabolic parameters in rats under high risk of metabolic syndrome development. 2013 , 114, 786-91		37
372	Metabolic responses of horses and ponies to high and low glycaemic feeds: implications for laminitis. 2013 , 53, 1182		4
371	Potential utility of sodium selenate as an adjunct to metformin in treating type II diabetes mellitus in rats: a perspective on protein tyrosine phosphatase. 2013 , 2013, 231378		4
370	Reduced prevalence of obesity in children with primary fructose malabsorption: a multicentre, retrospective cohort study. 2013 , 8, 255-8		10
369	Ghrelin receptor regulates HFCS-induced adipose inflammation and insulin resistance. 2013 , 3, e99		26
368	Molecular Mechanism Underlying the Antidiabetic Effects of a Siddha Polyherbal Preparation in the Liver of Type 2 Diabetic Adult Male Rats. 2013 , 18, 29-42		2

(2014-2013)

367	Daily sugar-sweetened beverage consumption and insulin resistance in European adolescents: the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) Study. 2013 , 16, 479-86		35	
366	Phytol/Phytanic acid and insulin resistance: potential role of phytanic acid proven by docking simulation and modulation of biochemical alterations. <i>PLoS ONE</i> , 2013 , 8, e45638	3.7	65	
365	Dual probiotic strains suppress high fructose-induced metabolic syndrome. 2013 , 19, 274-83		47	
364	SGLT5 reabsorbs fructose in the kidney but its deficiency paradoxically exacerbates hepatic steatosis induced by fructose. <i>PLoS ONE</i> , 2013 , 8, e56681	3.7	25	
363	Pioglitazone improves cognitive function via increasing insulin sensitivity and strengthening antioxidant defense system in fructose-drinking insulin resistance rats. <i>PLoS ONE</i> , 2013 , 8, e59313	3.7	46	
362	Lactoferrin dampens high-fructose corn syrup-induced hepatic manifestations of the metabolic syndrome in a murine model. <i>PLoS ONE</i> , 2014 , 9, e97341	3.7	17	
361	Zingiber officinale (Ginger): A Future Outlook on Its Potential in Prevention and Treatment of Diabetes and Prediabetic States. 2014 , 2014, 1-15		20	
360	Early life exposure to fructose and offspring phenotype: implications for long term metabolic homeostasis. 2014 , 2014, 203474		44	
359	Nutriphenomics in rodent models. 2014 , 629-643			
358	Do sugar-sweetened beverages cause adverse health outcomes in adults? A systematic review protocol. 2014 , 3, 108		2	
357	Do sugar-sweetened beverages cause adverse health outcomes in children? A systematic review protocol. 2014 , 3, 96		11	
356	Cardiovascular autonomic dysfunction and oxidative stress induced by fructose overload in an experimental model of hypertension and menopause. 2014 , 14, 185		23	
355	Caffeine intake improves fructose-induced hypertension and insulin resistance by enhancing central insulin signaling. 2014 , 63, 535-41		30	
354	Resveratrol improves high-fructose-induced vascular dysfunction in rats. 2014 , 92, 1021-7		6	
353	Gastrodia elata Ameliorates High-Fructose Diet-Induced Lipid Metabolism and Endothelial Dysfunction. 2014 , 2014, 101624		14	
352	Rice Bran Oil and Pumpkin Seed Oil Alleviate Oxidative Injury and Fatty Liver in Rats Fed High Fructose Diet. 2014 , 64, 127-133		21	
351	Effect of dietary intake of avocado oil and olive oil on biochemical markers of liver function in sucrose-fed rats. 2014 , 2014, 595479		9	
350	Lower fructose intake may help protect against development of nonalcoholic fatty liver in adolescents with obesity. 2014 , 58, 624-31		32	

349	Sugar or high fructose corn syrup-what should nurses teach patients and families?. 2014, 11, 126-32		2
348	Approach to assessing determinants of glucose homeostasis in the conscious mouse. 2014 , 25, 522-38		28
347	Probiotics to Treat Visceral Obesity and Related Liver Disease. 2014 , 363-380		1
346	Beneficial effects of soluble dietary Jerusalem artichoke (Helianthus tuberosus) in the prevention of the onset of type 2 diabetes and non-alcoholic fatty liver disease in high-fructose diet-fed rats. 2014 , 112, 709-17		29
345	High-fructose diet leads to visceral adiposity and hypothalamic leptin resistance in male ratsdo glucocorticoids play a role?. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 446-55	6.3	36
344	Impact of targeted specific antibiotic delivery for gut microbiota modulation on high-fructose-fed rats. 2014 , 172, 3810-26		35
343	Novel regulatory roles of omega-3 fatty acids in metabolic pathways: a proteomics approach. <i>Nutrition and Metabolism</i> , 2014 , 11, 6	4.6	25
342	High-fat and obesogenic diets: current and future strategies to fight obesity and diabetes. 2014 , 9, 406		16
341	An integrated metabonomic approach to studying metabolic profiles in rat models with insulin resistance induced by high fructose. 2014 , 10, 1803-11		15
340	Dietary sugars and cardiometabolic risk: systematic review and meta-analyses of randomized controlled trials of the effects on blood pressure and lipids. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 65-79	7	313
339	Polydatin improves glucose and lipid metabolism in experimental diabetes through activating the Akt signaling pathway. 2014 , 745, 152-65		51
338	Phenylpropenoic acid glucoside augments pancreatic beta cell mass in high-fat diet-fed mice and protects beta cells from ER stress-induced apoptosis. 2014 , 58, 1980-90		23
337	Anti-diabetic activity of red pitaya (Hylocereus polyrhizus) fruit. 2014 , 4, 62978-62986		15
336	PTP1B inhibitors for type 2 diabetes treatment: a patent review (2011 - 2014). 2014 , 24, 1101-15		79
335	Neuroadaptations in the striatal proteome of the rat following prolonged excessive sucrose intake. 2014 , 39, 815-24		20
334	Behavioral contributions to the pathogenesis of type 2 diabetes. 2014 , 14, 475		17
333	Preventative effect of Zingiber officinale on insulin resistance in a high-fat high-carbohydrate diet-fed rat model and its mechanism of action. 2014 , 115, 209-15		36
332	Inhibition of human GLUT1 and GLUT5 by plant carbohydrate products; insights into transport specificity. 2015 , 5, 12804		35

331 Neurochemical Effects of Western Diet Consumption on Human Brain. **2015**, 15-28

330	Co-activator binding protein PIMT mediates TNF- I Induced insulin resistance in skeletal muscle via the transcriptional down-regulation of MEF2A and GLUT4. 2015 , 5, 15197	16
329	Consumption of sugar sweetened beverage is associated with incidence of metabolic syndrome in Tehranian children and adolescents. <i>Nutrition and Metabolism</i> , 2015 , 12, 25	48
328	Resistance Exercise Attenuates High-Fructose, High-Fat-Induced Postprandial Lipemia. 2015 , 8, 29-35	8
327	Exercise training prevents increased intraocular pressure and sympathetic vascular modulation in an experimental model of metabolic syndrome. 2015 , 48, 332-8	4
326	Blackcurrant Suppresses Metabolic Syndrome Induced by High-Fructose Diet in Rats. 2015 , 2015, 385976	18
325	Prevention of insulin resistance with Hibiscus sabdariffa Linn. extract in high-fructose fed rat. 2015 , 23, 192-6	2
324	Protective effects of Ginkgo biloba leaf polysaccharide on nonalcoholic fatty liver disease and its mechanisms. 2015 , 80, 573-80	43
323	Fructose-induced metabolic syndrome decreases protein expression and activity of intestinal P-glycoprotein. 2015 , 31, 871-6	9
322	Cereal grain fructans: Structure, variability and potential health effects. 2015 , 43, 32-42	7 ²
321	Energy restriction does not prevent insulin resistance but does prevent liver steatosis in aging rats on a Western-style diet. 2015 , 31, 523-30	6
320	The triglyceride-lowering effect of supplementation with dual probiotic strains, Lactobacillus curvatus HY7601 and Lactobacillus plantarum KY1032: Reduction of fasting plasma lysophosphatidylcholines in nondiabetic and hypertriglyceridemic subjects. 2015 , 25, 724-33	24
319	Metabolic and Histopathological Effects of Fructose Intake During Pregestation, Gestation and Lactation in Rats and their Offspring. 2015 , 7, 19-26	7
318	Citrulline and Nonessential Amino Acids Prevent Fructose-Induced Nonalcoholic Fatty Liver Disease in Rats. 2015 , 145, 2273-9	20
317	Effect of tetrahydrocurcumin on the profiles of drug-metabolizing enzymes induced by a high fat and high fructose diet in mice. 2015 , 239, 67-75	9
316	Simiao pill ameliorates renal glomerular injury via increasing Sirt1 expression and suppressing NF-B/NLRP3 inflammasome activation in high fructose-fed rats. 2015 , 172, 108-17	52
315	Standard short-term diet ameliorates the lipid profile altered by a fructose-rich diet in rats. 2015 , 6, 335-41	4
314	Diet, nutrients and metabolism: cogs in the wheel driving Alzheimer@ disease pathology?. 2015 , 113, 1499-517	21

313	A high-fructose diet induces hippocampal insulin resistance and exacerbates memory deficits in male Sprague-Dawley rats. 2015 , 18, 323-8	19
312	Effect of different exercise intensities on the pancreas of animals with metabolic syndrome. 2015 , 8, 115-20	5
311	Fructose-induced ROS generation impairs glucose utilization in L6 skeletal muscle cells. 2015 , 49, 1055-68	24
310	Fructose feeding changes taurine homeostasis in wistar rats. 2015 , 803, 695-706	1
309	Restriction of glucose and fructose causes mild oxidative stress independently of mitochondrial activity and reactive oxygen species in Drosophila melanogaster. 2015 , 187, 27-39	13
308	Assessment of four experimental models of hyperlipidemia. 2015 , 44, 135-40	8
307	Ethyl acetate fraction of Aframomum melegueta fruit ameliorates pancreatic Etell dysfunction and major diabetes-related parameters in a type 2 diabetes model of rats. 2015 , 175, 518-27	23
306	MicroRNA-16 modulates macrophage polarization leading to improved insulin sensitivity in myoblasts. 2015 , 119, 16-26	17
305	Reactive oxygen species, nutrition, hypoxia and diseases: Problems solved?. 2015 , 6, 372-385	220
304	Hypoglycemic, antihyperglycemic, and antioxidant effects of the edible plant Anoda cristata. 2015 , 161, 36-45	41
303	High consumption of fructose rather than glucose promotes a diet-induced obese phenotype in Drosophila melanogaster. 2015 , 180, 75-85	56
302	Effects of Arctium lappa aqueous extract on lipid profile and hepatic enzyme levels of sucrose-induced metabolic syndrome in female rats. 2016 , 52, 425-431	3
301	Fermented Red Ginseng Potentiates Improvement of Metabolic Dysfunction in Metabolic Syndrome Rat Models. <i>Nutrients</i> , 2016 , 8,	7 22
300	Early Life Fructose Exposure and Its Implications for Long-Term Cardiometabolic Health in Offspring. <i>Nutrients</i> , 2016 , 8,	7 14
299	Male 11EHSD1 Knockout Mice Fed Trans-Fats and Fructose Are Not Protected From Metabolic Syndrome or Nonalcoholic Fatty Liver Disease. 2016 , 157, 3493-504	15
298	Strength Training Prevents Hyperinsulinemia, Insulin Resistance, and Inflammation Independent of Weight Loss in Fructose-Fed Animals. 2016 , 6, 31106	29
297	Multivariate analysis and molecular interaction of curcumin with PPARIIn high fructose diet induced insulin resistance in rats. 2016 , 5, 1732	9
296	In vivo and in vitro evaluation of the effects of Urtica dioica and swimming activity on diabetic factors and pancreatic beta cells. 2016 , 16, 101	13

(2016-2016)

295	Maternal high fructose and low protein consumption during pregnancy and lactation share some but not all effects on early-life growth and metabolic programming of rat offspring. 2016 , 36, 937-946		4
294	Symplocos cochinchinensis enhances insulin sensitivity via the down regulation of lipogenesis and insulin resistance in high energy diet rat model. 2016 , 193, 500-509		10
293	Animal models of metabolic syndrome: a review. <i>Nutrition and Metabolism</i> , 2016 , 13, 65	4.6	168
292	Prevalence of metabolic syndrome in commercial truck drivers: A review. 2016 , 3, 413-421		9
291	Protective effects of polyphenol-rich blackcurrant preparation on biochemical and metabolic biomarkers of rats fed a diet high in fructose. 2016 , 100, 136-45		5
290	Increased diuresis, renal vascular reactivity, and blood pressure levels in young rats fed high sodium, moderately high fructose, or their association: a comparative evaluation. 2016 , 41, 1233-1239		3
289	Animal models of insulin resistance: A review. <i>Pharmacological Reports</i> , 2016 , 68, 1165-1177	3.9	55
288	Early developmental exposure to high fructose intake in rats with NaCl stimulation causes cardiac damage. 2016 , 55, 83-91		11
287	Synthesis, spectroscopic and crystal structure of a new 2D coordination polymer of Ni(II) constructed by naphthalene-1,4-dicarboxylic acid; Nanomolar detection of fructose at a nano-structured Ni(II) coordination polymer multiwall carbon nanotube. 2016 , 13, 563-574		4
286	The ergogenic supplement Fhydroxy-Emethylbutyrate (HMB) attenuates insulin resistance through suppressing GLUT-2 in rat liver. 2016 , 94, 488-97		8
285	Alpha lipoic acid attenuates high-fructose-induced pancreatic toxicity. 2016 , 16, 347-52		4
284	Comparison of potential preventive effects of pomegranate flower, peel and seed oil on insulin resistance and inflammation in high-fat and high-sucrose diet-induced obesity mice model. 2016 , 122, 75-87		47
283	Effects of combined PPAR-land PPAR-lagonist therapy on fructose induced NASH in rats: Modulation of gene expression. 2016 , 773, 59-70		21
282	Uric acid and transforming growth factor in fructose-induced production of reactive oxygen species in skeletal muscle. 2016 , 74, 259-66		19
281	Microcirculatory effects of zinc on fructose-fed hamsters. 2016 , 26, 310-7		1
280	A Sucrose-Enriched Diet Promotes Tumorigenesis in Mammary Gland in Part through the 12-Lipoxygenase Pathway. 2016 , 76, 24-9		50
279	Pioglitazone and exenatide enhance cognition and downregulate hippocampal beta amyloid oligomer and microglia expression in insulin-resistant rats. 2016 , 94, 819-28		26
278	Low intensity exercise prevents disturbances in rat cardiac insulin signaling and endothelial nitric oxide synthase induced by high fructose diet. 2016 , 420, 97-104		17

277	Gallic acid ameliorates hyperglycemia and improves hepatic carbohydrate metabolism in rats fed a high-fructose diet. 2016 , 36, 150-60	56
276	Ryanodine receptor phosphorylation by CaMKII promotes spontaneous Ca(2+) release events in a rodent model of early stage diabetes: The arrhythmogenic substrate. 2016 , 202, 394-406	40
275	Attenuation of insulin resistance in rats by agmatine: role of SREBP-1c, mTOR and GLUT-2. 2016 , 389, 45-56	12
274	Effect of specific amino acids on hepatic lipid metabolism in fructose-induced non-alcoholic fatty liver disease. 2016 , 35, 175-182	53
273	LPS-induced renal inflammation is prevented by (-)-epicatechin in rats. 2017, 11, 342-349	48
272	Effects of high fructose intake on the development of hypertension in the spontaneously hypertensive rats: the role of ATR/gp91 signaling in the rostral ventrolateral medulla. <i>Journal of</i> 6.3 <i>Nutritional Biochemistry</i> , 2017 , 41, 73-83	10
271	UP601, a standardized botanical composition composed of Morus alba, Yerba mate and Magnolia officinalis for weight loss. 2017 , 17, 114	8
270	The association of eating habits and lifestyle with overweight and obesity among health sciences students in Taif University, KSA. 2017 , 12, 249-260	6
269	Fluorescent Hexose Conjugates Establish Stringent Stereochemical Requirement by GLUT5 for Recognition and Transport of Monosaccharides. 2017 , 12, 1087-1094	12
268	Effects of fructose-induced metabolic syndrome on rat skeletal cells and tissue, and their responses to metformin treatment. 2017 , 126, 202-213	14
267	Aegle marmelos impedes onset of insulin resistance syndrome in rats provided with drinking fructose from weaning to adulthood stages of development - a mechanistic study. 2017 , 95, 572-579	3
266	Grape powder consumption affects the expression of neurodegeneration-related brain proteins in rats chronically fed a high-fructose-high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2017 , 43, 132-140 $^{6.3}$	7
265	Excessive consumption of fructose causes cardiometabolic dysfunctions through oxidative stress and inflammation. 2017 , 95, 1078-1090	15
264	Modulatory effects of rice bran and its oil on lipid metabolism in insulin resistance rats. 2017 , 41, e12318	6
263	Fructose-rich diet and insulin action in female rat heart: Estradiol friend or foe?. 2017, 811, 141-147	5
262	A systematic review of the association between consumption of sugar-containing beverages and excess weight gain among children under age 12. 2017 , 77 Suppl 1, S43-S66	38
261	Beneficial Effects of Phyllanthus amarus Against High Fructose Diet Induced Insulin Resistance and Hepatic Oxidative Stress in Male Wistar Rats. 2017 , 183, 744-764	13
260	Catalase deletion promotes prediabetic phenotype in mice. 2017 , 103, 48-56	31

259	Alterations in fatty acid metabolism and sirtuin signaling characterize early type-2 diabetic hearts of fructose-fed rats. 2017 , 5, e13388	17
258	fat-1 mice prevent high-fat plus high-sugar diet-induced non-alcoholic fatty liver disease. 2017 , 8, 4053-4061	11
257	Fructose induced neurogenic hypertension mediated by overactivation of p38 MAPK to impair insulin signaling transduction caused central insulin resistance. 2017 , 112, 298-307	11
256	Hepatic metabolic effects of Curcuma longa extract supplement in high-fructose and saturated fat fed rats. 2017 , 7, 5880	10
255	Arginine and aerobic training prevent endothelial and metabolic alterations in rats at high risk for the development of the metabolic syndrome. 2017 , 118, 1-10	8
254	A maternal high-fat, high-sucrose diet alters insulin sensitivity and expression of insulin signalling and lipid metabolism genes and proteins in male rat offspring: effect of folic acid supplementation. 2017 , 118, 580-588	10
253	Role of resveratrol in the management of insulin resistance and related conditions: Mechanism of action. 2017 , 54, 267-293	37
252	L. promotes intestinal uric acid excretion by modulating ABCG2 in experimental hyperuricemia. Nutrition and Metabolism, 2017, 14, 38 4.6	27
251	Curcumin improves the metabolic syndrome in high-fructose-diet-fed rats: role of TNF-∄NF- B , and oxidative stress. 2017 , 95, 140-150	40
250	EAmyrin attenuates high fructose diet-induced metabolic syndrome in rats. 2017 , 42, 23-32	13
249	High-fructose corn syrup-55 consumption alters hepatic lipid metabolism and promotes triglyceride accumulation. <i>Journal of Nutritional Biochemistry</i> , 2017 , 39, 32-39	42
248	Docosapentaenoic acid and docosahexaenoic acid are positively associated with insulin sensitivity in rats fed high-fat and high-fructose diets. 2017 , 9, 936-946	15
247	Glucocorticoid Antagonism Reduces Insulin Resistance and Associated Lipid Abnormalities in High-Fructose-Fed Mice. 2017 , 41, 41-51	17
246	Effects of fructose consumption on food intake and biochemical and body parameters in Wistar rats. 2017 , 36, 937-941	9
245	Effects of fructose consumption on food intake and biochemical and body parameters in Wistar rats. 2017 , 36, 937-941	5
244	Lipocalin-2 in Fructose-Induced Fatty Liver Disease. 2017 , 8, 964	13
243	Sugar- and Intense-Sweetened Drinks in Australia: A Systematic Review on Cardiometabolic Risk. Nutrients, 2017, 9,	9
242	High Dietary Fructose Intake on Cardiovascular Disease Related Parameters in Growing Rats. Nutrients, 2016 , 9,	19

241	Fructose Consumption in the Development of Obesity and the Effects of Different Protocols of Physical Exercise on the Hepatic Metabolism. <i>Nutrients</i> , 2017 , 9,	6.7	54
240	Effects of Natural Products on Fructose-Induced Nonalcoholic Fatty Liver Disease (NAFLD). <i>Nutrients</i> , 2017 , 9,	6.7	82
239	A Nutrigenomic Approach to Non-Alcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	39
238	Amelioration of Abnormalities Associated with the Metabolic Syndrome by (Spinach) Consumption and Aerobic Exercise in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 2359389	6.7	13
237	High-Calorie Malnutrition and Its Impact on Health. 2017 , 213-261		2
236	Appropriate Insulin Level in Selecting Fortified Diet-Fed, Streptozotocin-Treated Rat Model of Type 2 Diabetes for Anti-Diabetic Studies. <i>PLoS ONE</i> , 2017 , 12, e0170971	3.7	21
235	Association of meal frequency with metabolic syndrome in Korean adults: from the Korea National Health and Nutrition Examination Survey (KNHANES). 2017 , 9, 77		14
234	A study on the prevalence of risk factors for diabetes and hypertension among school children in Majmaah, Kingdom of Saudi Arabia. 2017 , 6, 829		3
233	Food bar labels: consumer behaviour and veracity of the available information. 2017, 21,		
232	Loss of angiopoietin-like 4 (ANGPTL4) in mice with diet-induced obesity uncouples visceral obesity from glucose intolerance partly via the gut microbiota. 2018 , 61, 1447-1458		45
231	Nutritional Issues and Positive Living in Human Immunodeficiency Virus/AIDS. 2018 , 53, 13-24		5
230	The Role of Dietary Sugars and Sweeteners in Metabolic Disorders and Diabetes. 2018 , 225-243		О
229	Evaluation of the physical activity level, nutrition quality, and depression in patients with metabolic syndrome: Comparative study. 2018 , 97, e0485		7
228	Involvement of glucocorticoid prereceptor metabolism and signaling in rat visceral adipose tissue lipid metabolism after chronic stress combined with high-fructose diet. 2018 , 476, 110-118		7
227	Impact of Diets Rich in Whole Grains and Fruits and Vegetables on Cardiovascular Risk Factors in Overweight and Obese Women: A Randomized Clinical Feeding Trial. 2018 , 37, 568-577		19
226	Sugar-Sweetened Beverages Consumption Positively Associated with the Risks of Obesity and Hypertriglyceridemia Among Children Aged 7-18 Years in South China. 2018 , 25, 81-89		23
225	Role of dysfunctional adipocytes in cholesterol-induced nonobese metabolic syndrome. 2018 , 60, 307-	321	7
224	Protein engineering: Regulatory perspectives of stearoyl CoA desaturase. 2018 , 114, 692-699		10

223	Oral pioglitazone ameliorates fructose-induced peripheral insulin resistance and hippocampal gliosis but not restores inhibited hippocampal adult neurogenesis. 2018 , 1864, 274-285		11
222	Pathophysiology of Nonalcoholic Fatty Liver Disease/Nonalcoholic Steatohepatitis. 2018 , 22, 23-37		116
221	Short-term fructose ingestion affects the brain independently from establishment of metabolic syndrome. 2018 , 1864, 24-33		16
220	Ameliorative effect of nicotine exposure on insulin resistance is accompanied by decreased cardiac glycogen synthase kinase-3 and plasminogen activator inhibitor-1 during oral oestrogen-progestin therapy. 2018 , 124, 139-148		14
219	Melinjo (Gnetum gnemon) Seed Extract Consumption during Lactation Improved Vasodilation and Attenuated the Development of Hypertension in Female Offspring of Fructose-Fed Pregnant Rats. 2018 , 110, 27-34		7
218	Fructose-induced inflammation and increased cortisol: A new mechanism for how sugar induces visceral adiposity. 2018 , 61, 3-9		38
217	Hypertension induces additional cardiometabolic impairments and attenuates aerobic exercise training adaptations in fructose-fed ovariectomized rats. 2018 , 41, 88-95		2
216	The microbial metabolite indole-3-propionic acid improves glucose metabolism in rats, but does not affect behaviour. 2018 , 124, 306-312		41
215	Modeling insulin resistance in rodents by alterations in diet: what have high-fat and high-calorie diets revealed?. 2018 , 314, E251-E265		26
214	Aegle marmelos differentially affects hepatic markers of glycolysis, insulin signalling pathway, hypoxia, and inflammation in HepG2 cells grown in fructose versus glucose-rich environment. 2018 , 438, 1-16		4
213	Effects of food items and related nutrients on metabolic syndrome using Bayesian multilevel modelling using the Tehran Lipid and Glucose Study (TLGS): a cohort study. 2018 , 8, e020642		4
212	Role of X-Box Binding Protein-1 in Fructose-Induced Lipogenesis in HepG2 Cells. 2018 , 131, 2310-2319		7
211	Intra-Renal Angiotensin Levels Are Increased in High-Fructose Fed Rats in the Extracorporeal Renal Perfusion Model. 2018 , 9, 1433		11
210	Protective Effects of Ellagitannin-Rich Strawberry Extracts on Biochemical and Metabolic Disturbances in Rats Fed a Diet High in Fructose. <i>Nutrients</i> , 2018 , 10,	6.7	12
209	Effect of personalized moderate exercise training on Wistar rats fed with a fructose enriched water. <i>Nutrition and Metabolism</i> , 2018 , 15, 69	4.6	1
208	High fructose diet feeding accelerates diabetic nephropathy in Spontaneously Diabetic Torii (SDT) rats. 2018 , 43, 45-58		2
207	Dipeptidyl peptidase-4 inhibition prevents cell death via extrinsic and intrinsic apoptotic pathways in rat pancreas with insulin resistance. 2018 , 36, 212-220		4
206	Apigenin prevents metabolic syndrome in high-fructose diet-fed mice by Keap1-Nrf2 pathway. 2018 , 105, 1283-1290		35

205	The Aqueous Extract of (L.) DC. Improves Glucose and Lipid Metabolism and Ameliorates Type 2 Diabetes Mellitus. 2018 , 2018, 8686297	10
204	Current Prevention and Treatment Options for NAFLD. 2018 , 1061, 149-157	10
203	Ketohexokinase knockout mice, a model for essential fructosuria, exhibit altered fructose metabolism and are protected from diet-induced metabolic defects. 2018 , 315, E386-E393	18
202	Fisetin Attenuates Metabolic Dysfunction in Mice Challenged with a High-Fructose Diet. 2018 , 66, 8291-8298	17
201	Association Between Serum CK-18 Levels and the Degree of Liver Damage in Fructose-Induced Metabolic Syndrome. 2018 , 16, 350-357	6
2 00	Divergent outcomes of gut microbiota alteration upon use of spectrum antibiotics in high sugar diet-induced diabetes in rats 2018 , 8, 26201-26211	1
199	Insulinotropic Effect of -Allyl Cysteine in Rat Pups. 2018 , 23, 15-21	4
198	Feasibility of Online Nutrition Education in the Workplace: Working Toward Healthy Lifestyles. 2018 , 50, 868-875	5
197	Baicalein alleviates tubular-interstitial nephritis in vivo and in vitro by down-regulating NF- B and MAPK pathways. 2018 , 51, e7476	7
196	Polydatin Improves Glucose and Lipid Metabolisms in Insulin-Resistant HepG2 Cells through the AMPK Pathway. 2018 , 41, 891-898	17
195	Baroreflex Impairment Precedes Cardiometabolic Dysfunction in an Experimental Model of Metabolic Syndrome: Role of Inflammation and Oxidative Stress. 2018 , 8, 8578	8
194	Time-response studies on development of cognitive deficits in an experimental model of insulin resistance. 2019 , 38, 1447-1456	9
193	Effect of crude Moringa oleifera Lam. seed extract on the blood markers of metabolic syndrome in high-fructose diet-fed growing Sprague-Dawley rats. 2019 , 17,	4
192	A review of the putative causal mechanisms associated with lower macular pigment in diabetes mellitus. 2019 , 32, 247-264	4
191	Diet-Induced Rabbit Models for the Study of Metabolic Syndrome. 2019 , 9,	18
190	Diet-induced hypothalamic dysfunction and metabolic disease, and the therapeutic potential of polyphenols. 2019 , 27, 1-10	19
189	Evaluation of sucrose-enriched diet consumption in the development of risk factors associated to type 2 diabetes, atherosclerosis and non-alcoholic fatty liver disease in a murine model. 2021 , 31, 651-669	3
188	Excessive Fructose Intake Impairs Baroreflex Sensitivity and Led to Elevated Blood Pressure in Rats. Nutrients, 2019 , 11,	9

187	Added Sugar Intake is Associated with Blood Pressure in Older Females. <i>Nutrients</i> , 2019 , 11,	6.7	8
186	The effects of Pandanus amaryllifolius (Roxb.) leaf water extracts on fructose-induced metabolic syndrome rat model. 2019 , 19, 232		6
185	Diet and Nutrition, and their Influence on Alzheimer® Disease and other Neurodegenerative Diseases. 2019 , 117-147		
184	Dietary Sources of Fructose and Its Association with Fatty Liver in Mexican Young Adults. <i>Nutrients</i> , 2019 , 11,	6.7	11
183	Allopurinol potentiates the hepatoprotective effect of metformin and vitamin E in fructose-induced fatty liver in rats. 2019 , 5, 65-74		5
182	Beneficial effects of high-fiber diet on the expression and level of intercellular adhesion molecule-1 of hypercholesterolemia rats. 2019 , 12, 305-313		
181	Modulation of GSK - 3四 catenin cascade by commensal bifidobateria plays an important role for the inhibition of metaflammation-related biomarkers in response to LPS or non-physiological concentrations of fructose: An in vitro study. 2019 , 8, 100145		3
180	Assessment of Cholesterol, Glycemia Control and Short- and Long-Term Antihypertensive Effects of Smooth Hound Viscera Peptides in High-Salt and Fructose Diet-Fed Wistar Rats. 2019 , 17,		7
179	High-fructose diet initiated during adolescence does not affect basolateral amygdala excitability or affective-like behavior in Sprague Dawley rats. 2019 , 365, 17-25		4
178	Nutriphenomics in Rodent Models. 2019 , 715-731		
177	Dietary Manipulations for Nonalcoholic Fatty Liver Disease (NAFLD). 2019 , 69-88		2
176	Repercussions of low fructose-drinking water in male rats. 2019 , 91, e20170705		4
175	Effect of Alcohol on Gut-Liver Axis and Adipose Tissue. 2019 ,		О
174	Impact of Alpha-Lipoic Acid Chronic Discontinuous Treatment in Cardiometabolic Disorders and Oxidative Stress Induced by Fructose Intake in Rats. <i>Antioxidants</i> , 2019 , 8,	7.1	10
173	Heterogeneity in Metabolic Responses to Dietary Fructose. 2019 , 10, 945		6
172	Enzymatic Production of Steviol Glucosides Using EGlucosidase and Their Applications. 2019 , 405-418		5
171	Zinc supplementation reduces diet-induced obesity and improves insulin sensitivity in rats. 2019,		15
	44, 580-586		

169	Antidiabetic, cytotoxic and antioxidant activities of oil extracted from pulp. 2019, 33, 2413-2416	16
168	Esitosterol mitigates the development of high-fructose diet-induced nonalcoholic fatty liver disease in growing male Sprague-Dawley rats. 2020 , 98, 44-50	10
167	The effects of prenatal dexamethasone exposure and fructose challenge on pituitary-adrenocortical activity and anxiety-like behavior in female offspring. 2020 , 62, 101309	2
166	Fortified vegetarian milk for prevention of metabolic syndrome in rats: impact on hepatic and vascular complications. 2020 , 6, e04593	1
165	Pathogenesis of Insulin Resistance. 2020 ,	
164	Detrimental effects of fructose on mitochondria in mouse motor neurons and on healthspan. 2020 , 1-10	4
163	High fructose intake and the route towards cardiometabolic diseases. 2020 , 259, 118235	13
162	Dose-response association between sugar- and artificially sweetened beverage consumption and the risk of metabolic syndrome: a meta-analysis of population-based epidemiological studies. 2021 , 24, 3892-3904	7
161	Ketohexokinase-A acts as a nuclear protein kinase that mediates fructose-induced metastasis in breast cancer. 2020 , 11, 5436	15
160	Host Genetic Background and Gut Microbiota Contribute to Differential Metabolic Responses to Fructose Consumption in Mice. 2020 , 150, 2716-2728	6
159	Fructose Consumption During Pregnancy Influences Milk Lipid Composition and Offspring Lipid Profiles in Guinea Pigs. 2020 , 11, 550	2
158	Melatonin ameliorates neuropathy in diabetic rats by abating mitochondrial dysfunction and metabolic derangements 2020 , 1, 100067	1
157	Effect of omega-3 fatty acids on glucose homeostasis: role of free fatty acid receptor 1. 2020 , 393, 1797-1808	5
156	Mitigation of renal inflammation and endoplasmic reticulum stress by vildagliptin and statins in high-fat high-fructose diet-induced insulin resistance and renal injury in rats. 2020 , 1865, 158755	6
155	Epidemiological Evidence for Dietary Sugars and Colorectal Cancer. 2020 , 16, 55-63	0
¹ 54	Impact of combined exercise training on the development of cardiometabolic and neuroimmune complications induced by fructose consumption in hypertensive rats. <i>PLoS ONE</i> , 2020 , 15, e0233785	О
153	Olfaction contributes to the learned avidity for glucose relative to fructose in mice. 2020 , 318, R901-R916	7
152	Chemical characterisation, hypoglycaemic and renoprotective effects of aqueous leaf extract of on fructose-induced metabolic syndrome in rats. 2020 , 1-10	2

(2021-2020)

151	Dietary Fructose Intake and Hippocampal Structure and Connectivity during Childhood. <i>Nutrients</i> , 2020 , 12,	6.7	5
150	Fructose and Uric Acid: Major Mediators of Cardiovascular Disease Risk Starting at Pediatric Age. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
149	Molecular Study on the Potential Protective Effects of Bee Venom against Fructose-Induced Nonalcoholic Steatohepatitis in Rats. 2020 , 105, 692-704		2
148	Substitution of high-dose sucrose with fructose in high-fat diets resulted in higher plasma concentrations of aspartic acid, cystine, glutamic acid, ornithine and phenylalanine, and higher urine concentrations of arginine and citrulline. 2020 , 79, 100-110		2
147	Oil and extract of safflower seed improve fructose induced metabolic syndrome through modulating the homeostasis of trace elements, TNF-hand fatty acids metabolism. 2020 , 254, 112721		12
146	Insulin deficiency promotes formation of toxic amyloid-42 conformer co-aggregating with hyper-phosphorylated tau oligomer in an Alzheimer® disease model. 2020 , 137, 104739		19
145	Lansoprazole enhances the antidiabetic effect of dapagliflozin in fortified diet-fed streptozotocin-treated diabetic rats. 2020 , 34, e22451		1
144	Alteration of Microbiome Profile by D-Allulose in Amelioration of High-Fat-Diet-Induced Obesity in Mice. <i>Nutrients</i> , 2020 , 12,	6.7	16
143	Deregulation of hepatic lipid metabolism associated with insulin resistance in rats subjected to chronic monocrotophos exposure. 2020 , 34, e22506		5
142	Effects of dapagliflozin and statins attenuate renal injury and liver steatosis in high-fat/high-fructose diet-induced insulin resistant rats. 2020 , 396, 114997		7
141	Pentacyclic triterpenoid-rich fraction of the Hardy kiwi (Actinidia arguta) improves brain dysfunction in high fat diet-induced obese mice. 2020 , 10, 5788		3
140	Consumption of the Artificial Sweetener Acesulfame Potassium throughout Pregnancy Induces Glucose Intolerance and Adipose Tissue Dysfunction in Mice. 2020 , 150, 1773-1781		6
139	Effects of low fructose diet on glycemic control, lipid profile and systemic inflammation in patients with type 2 diabetes: A single-blind randomized controlled trial. 2020 , 14, 849-855		О
138	Rare mono- and disaccharides as healthy alternative for traditional sugars and sweeteners?. 2021 , 61, 713-741		13
137	Effect of High Fructose Corn Sirup on Pancreatic Ductal Adenocarcinoma Induced by Dimethyl Benzantracene (DMBA) in Rats. 2021 , 73, 339-349		
136	High-carbohydrate diet-induced metabolic disorders in (a new model of non-alcoholic fatty-liver disease). Protective effects of 20-hydroxyecdysone. 2021 , 127, 127-135		4
135	Aerobic or resistance training improves autonomic control of circulation in oophorectomized rats with cardiometabolic dysfunctions: Impact on renal oxidative stress. 2021 , 145, 111181		
134	Favorable effects of Globularia alypum on cardiometabolic markers in high fructose-fed rats. 2021 , 51, 605-620		1

133	Bee products consumption and cardiovascular diseases risk factors: a systematic review of interventional studies. 2021 , 24, 115-128	1
132	Plant-Based Sweeteners and Their Applications in Modern Lifestyle. 2021 , 75-103	1
131	The Mechanism of Honey in Reversing Metabolic Syndrome. 2021 , 26,	3
130	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. 2021 , 16, e12782	3
129	Multiphoton imaging of the effect of monosaccharide diffusion and formation of fluorescent advanced end products in porcine aorta. 2021 , 14, e202000439	
128	Fructose Intake Impairs the Synergistic Vasomotor Manifestation of Nitric Oxide and Hydrogen Sulfide in Rat Aorta. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	2
127	A Review of the Pharmacological Characteristics of Vanillic Acid. 2021 , 11, 200-204	5
126	Attenuation of glycation and biochemical aberrations in fructose-loaded rats by polyphenol-rich ethyl acetate fraction of Parkia biglobosa (jacq.) Benth. (Mimosaceae) leaves. 2021 , 7,	О
125	Changes in metabolic parameters in growing male rats exposed to 10% and 30% sucrose drinking. 2021 , 35, 129-136	
124	Effects of Weight Loss and Moderate-Protein, High-Fiber Diet Consumption on the Fasted Serum Metabolome of Cats. 2021 , 11,	O
123	The potential protective effect of the Polygonum hydropiper L against the development of fructose-induced oxidative stress and metabolic disorders in male Sprague-Dawely rats. 2021 ,	
122	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. 2021 , 12, 3987	3
121	The Mediator complex kinase module is necessary for fructose regulation of liver glycogen levels through induction of glucose-6-phosphatase catalytic subunit (G6pc). 2021 , 48, 101227	1
120	Fructose intake is not associated to the risk of hepatic fibrosis in patients with Non-Alcoholic Fatty Liver Disease (NAFLD). 2021 , 40, 3827	
119	Branched-chain Amino Acids: Catabolism in Skeletal Muscle and Implications for Muscle and Whole-body Metabolism. 2021 , 12, 702826	7
118	Hepato-protective effects of thymoquinone and beta-aminoisobutyric acid in streptozocin induced diabetic rats. 2021 , 1-10	O
117	High fructose induced osteogenic differentiation of human valve interstitial cells via activating PI3K/AKT/mitochondria signaling. 2021 ,	О
116	Metabolic functions of flavonoids: From human epidemiology to molecular mechanism. 2021 , 88, 102163	9

115	Mechanisms affecting brain remodeling in depression: do all roads lead to impaired fibrinolysis?. 2021 ,	4
114	The effects of low-intensity exercise on cardiac glycogenesis and glycolysis in male and ovariectomized female rats on a fructose-rich diet. 2021 , 45, e13930	O
113	Acute and chronic metabolic effects of carvedilol in high-fructose, high-fat diet-fed mice: implication of Earrestin2 pathway. 2021 , 1-10	
112	A Role of Stress Sensor Nrf2 in Stimulating Thermogenesis and Energy Expenditure. 2021 , 9,	1
111	DEVELOPMENT OF TECHNOLOGY FOR PRODUCING FOOD SWEETENERS FROM STEVIA AND THEIR IMMUNOMODULATING EFFECT. 2021 , 62-65	
110	Cardiotoxic Effects of the Antineoplastic Doxorubicin in a Model of Metabolic Syndrome: Oxidative Stress and Transporter Expression in the Heart. 2021 , 78, 784-791	2
109	D-ribose-L-cysteine prevents oxidative stress and cardiometabolic syndrome in high fructose high fat diet fed rats. 2021 , 142, 112017	O
108	Interaction of dietary carbohydrate and fat on glucose metabolism in growing pigs. 2022, 78, 106655	
107	The effects of different types of aquatic exercise training interventions on a high-fructose diet-fed mice. 2021 , 18, 695-705	1
106	Glucose- and Fructose-Induced Toxicity in the Liver and Brain. 2013, 35-66	1
105	NLRP3 inflammasome drives inflammation in high fructose fed diabetic rat liver: Effect of resveratrol and metformin. 2020 , 253, 117727	7
104	Brown Adipose Tissue Remodeling Precedes Cardiometabolic Abnormalities Independent of Overweight in Fructose-Feed Mice. 2019 ,	1
103	Of the milk sugars, galactose, but not prebiotic galacto-oligosaccharide, improves insulin sensitivity in male Sprague-Dawley rats. <i>PLoS ONE</i> , 2017 , 12, e0172260	11
102	Adipokines: mechanisms of metabolic and behavioral disorders. 2018, 15, 14-20	1
101	Mif deficiency promotes adiposity in fructose-fed mice. 2019 , 240, 133-145	6
100	Nonalcoholic Steatohepatitis: Lessons from Different Diet-induced Animal Models. 2014 , 1,	1
99	Protective effects of Macrotyloma uniflorum seeds (horse gram) in abnormalities associated with the metabolic syndrome in rats. 2015 , 2, 1-10	3
98	[Cardiovascular autonomic dysfunction in experimental diabetes mellitus]. 2007, 51, 185-94	2

97	Elevation of Egalactoside 2,6-sialyltransferase 1 in a fructoseresponsive manner promotes pancreatic cancer metastasis. 2017 , 8, 7691-7709	39
96	Antioxidant status and hepato-protective role of Anchomanes difformis in streptozotocin-induced diabetes in male Wistar rats. 2020 , 66, 18-36	1
95	The Dose Makes the Poison: Sugar and Obesity in the United States - a Review. 2019 , 69, 219-233	21
94	Inflammation in depression: is adiposity a cause?. 2011 , 13, 41-53	64
93	Effect of deuterium-depleted water on selected cardiometabolic parameters in fructose-treated rats. 2016 , 65, S401-S407	19
92	Resveratrol and fenofibrate ameliorate fructose-induced nonalcoholic steatohepatitis by modulation of genes expression. 2016 , 22, 2931-48	39
91	Changes in Glycolipid Metabolism During A High-Sucrose Feeding in Spontaneously Diabetic Torii (SDT) Rats, A Genetic Model of Nonobese Type 2 Diabetes. 2010 , 9, 2883-2889	3
90	Evaluating of High Fructose Diet to Induce Hyperglycemia and its Inflammatory Complications in Rats. 2011 , 11, 21-26	4
89	Folic acid supplementation prevents high fructose-induced non-alcoholic fatty liver disease by activating the AMPK and LKB1 signaling pathways. 2020 , 14, 309-321	3
88	Glycemic responses to glycemia-targeted specialized-nutrition beverages with varying carbohydrates compared to a standard nutritional beverage in adults with type 2 diabetes. 2013 , 04, 1-10	9
87	Effects of Food Habits and Lifestyle on Prevalence of Overweight/Obesity among Schoolchildren in Taif Area, KSA. 2017 , 08, 196-211	2
86	Effectiveness of Telmisartan as an Adjunct to Metformin in Treating Type II Diabetes Mellitus in Rats. 2013 , 03, 186-196	2
85	Lipogenesis in Huh7 cells is promoted by increasing the fructose: Glucose molar ratio. 2016 , 8, 838-43	7
84	Exercise training prevents diastolic dysfunction induced by metabolic syndrome in rats. 2012 , 67, 815-20	23
83	Protective effects of Ethanolic Extract of (amla) on Cardiovascular Pathophysiology of Rats, Fed with High Fat Diet. 2017 , 11, CC05-CC09	7
82	Notes Toward an Evolutionary Biology of Nutrition. 2021 , 123-151	
81	Reversal of insulin resistance by Ficus benghalensis bark in fructose-induced insulin-resistant rats. 2022 , 284, 114761	2
80	Current Status and Future Perspectives on Therapeutic Potential of Apigenin: Focus on Metabolic-Syndrome-Dependent Organ Dysfunction. <i>Antioxidants</i> , 2021 , 10,	4

79	Impacts of Fructose on Intestinal Barrier Function, Inflammation and Microbiota in a Piglet Model. <i>Nutrients</i> , 2021 , 13,	6.7	1
78	Effect of Feeding High-Fat with or Without Sucrose on the Development of Diabetes in Wistar Rats. 2008 , 3, 271-279		3
77	Lifestyle as a Risk Factor for Metabolic Syndrome and Neurological Disorders. 2013, 1-34		1
76	[Carbohydrate restriction in the larval diet causes oxidative stress in adult insects of Drosophila melanogaster]. 2013 , 85, 61-72		2
75	Hepatic Lipogenesis: Nutritional Control and Pathophysiological Relevance. 2016 , 211-234		1
74	The Role of Dietary Sugars and Sweeteners in Metabolic Disorders and Diabetes. 2016 , 1-19		
73	EVALUATION OF GLYCATED ALBUMIN AND HbA1c LEVELS WITH BODY MASS INDEX IN POLYCYSTIC OVARIAN SYNDROME CASES. 2019 , 6, 607-611		
72	Germacrone cooperates with dexmedetomidine to alleviate high-fat diet-induced type 2 diabetes mellitus via upregulating AMPK∄ expression. 2019 , 18, 3514-3524		3
71	The Influence of Plants from the Family on Morphological Parameters of the Intestine in Atherogenic Rats. <i>Nutrients</i> , 2021 , 13,	6.7	2
70	Escitalopram Ameliorates Cardiomyopathy in Type 2 Diabetic Rats via Modulation of Receptor for Advanced Glycation End Products and Its Downstream Signaling Cascades. 2020 , 11, 579206		O
69	The Mechanisms Linking Relative Hypercortisolism - The Common Feature Across COVID-19 Risks - To ARDS, Septic Shock, and Cytokine Dysregulation. <i>SSRN Electronic Journal</i> ,	1	
68	Artificial Sweeteners in Animal Models of Binge Eating. 2021 , 115-131		
67	Effect of Holostemma annularis on the progression of diabetes induced by a high fructose diet in rats and in diabetic C57BL/6J ob/ob mice. 2010 , 3, 87-94		
66	Simvastatin-induced cardiac autonomic control improvement in fructose-fed female rats. 2011 , 66, 1793	3-6	10
65	The downside of weight loss: realistic intervention in body-weight trajectory. 2012, 58, 517-23		8
64	Alleviation of metabolic abnormalities induced by excessive fructose administration in Wistar rats by Spirulina maxima. <i>Indian Journal of Medical Research</i> , 2012 , 135, 422-8	2.9	8
63	Pharmacological Action of Mentha piperita on Lipid Profile in Fructose-Fed Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2011 , 10, 843-8	1.1	3
62	Effects of Teucrium polium Ethyl acetate Extract on Serum, Liver and Muscle Triglyceride Content of Sucrose-Induced Insulin Resistance in Rat. <i>Iranian Journal of Pharmaceutical Research</i> , 2012 , 11, 347-5	5.1	13

61	Effects of diet-induced obesity on metabolic parameters and reproductive function in female Ossabaw minipigs. <i>Comparative Medicine</i> , 2014 , 64, 44-9	1.6	27
60	Role of Fructose as a Potent Antiarrhythmic and Anti-infarct agent in Isolated Rat Heart. <i>Iranian Journal of Pharmaceutical Research</i> , 2014 , 13, 1303-11	1.1	2
59	Effects of aqueous extract of turnip leaf (Brassica rapa) in alloxan-induced diabetic rats. <i>Avicenna Journal of Phytomedicine</i> , 2015 , 5, 148-56	1.4	11
58	The effect of hydro-alcoholic celery (Apiumgraveolens) leaf extract on cardiovascular parameters and lipid profile in animal model of hypertension induced by fructose. <i>Avicenna Journal of Phytomedicine</i> , 2015 , 5, 203-9	1.4	20
57	8-pCPT-cGMP prevents mitochondrial depolarization and improves the outcome of steatotic partial liver transplantation. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2017 , 9, 69-83	3.4	3
56	Correlation of HbA Levels With Body Mass Index in Newly Diagnosed Polycystic Ovary Syndrome. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2017 , 28, 196-204	2.4	1
55	Role of mitochondrial depolarization and disrupted mitochondrial homeostasis in non-alcoholic steatohepatitis and fibrosis in mice. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2019 , 11, 190-204	3.4	10
54	extract improves metabolic derangements in high fructose diet-fed rats <i>Animal Cells and Systems</i> , 2021 , 25, 396-404	2.3	3
53	Glucose Isomerase: Functions, Structures, and Applications. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 428	32.6	4
52	An update on mode of action of metformin in modulation of meta-inflammation and inflammaging <i>Pharmacological Reports</i> , 2022 , 1	3.9	1
51	Glycemic response of honey and dates consumption. <i>Baghdad Journal of Biochemistry and Applied Biological Sciences</i> , 2022 , 3, 16-27	1.8	
50	Dietary Fiber and Dyslipidemia.		
49	Maternal Fructose Intake Causes Developmental Reprogramming of Hepatic Mitochondrial Catalytic Activity and Lipid Metabolism in Weanling and Young Adult Offspring <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	0
48	Fructose prevents the development of hyperglycemia in WBN/Kob diabetic fatty rats via maintaining high insulin levels <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022 ,	3	
47	Sugar-sweetened beverage and sugar consumption and colorectal cancer incidence and mortality according to anatomic subsite <i>American Journal of Clinical Nutrition</i> , 2022 ,	7	0
46	Long-term high-fructose high-fat diet feeding elicits insulin resistance, exacerbates dyslipidemia and induces gut microbiota dysbiosis in WHHL rabbits <i>PLoS ONE</i> , 2022 , 17, e0264215	3.7	O
45	Curcumin Prevents the Glycation of Tricarboxylic Acid Cycle and Cell Respiration Proteins in the Heart of Mice Fed with a High-Fructose Diet <i>Current Pharmaceutical Design</i> , 2022 ,	3.3	0
44	High fructose induces dysfunctional vasodilatation via PP2A-mediated eNOS Ser1177 dephosphorylation <i>Nutrition and Metabolism</i> , 2022 , 19, 24	4.6	

43	Dietary Counseling Aimed at Reducing Sugar Intake Yields the Greatest Improvement in Management of Weight and Metabolic Dysfunction in Children with Obesity <i>Nutrients</i> , 2022 , 14,	6.7	O
42	Ernfirung und gesunde Lebensweise Œssenzielle Therapiesüle ffi Primfi-, Sekundfi- und TertifprVention. 2022 , 167-199		
41	Personalized Nutrition in the Management of Female Infertility: New Insights on Chronic Low-Grade Inflammation <i>Nutrients</i> , 2022 , 14,	6.7	О
40	Dietary Sucrose Determines Stress Resistance, Oxidative Damages, and Antioxidant Defense System in <i>Scientifica</i> , 2022 , 2022, 7262342	2.6	
39	Insights from a high-fat diet fed mouse model with a humanized liver PLoS ONE, 2022, 17, e0268260	3.7	О
38	An Investigation of the Effect of Curcumin on Fructose-Induced Metabolic Syndrome Rat Models. <i>Turkish Journal of Diabetes and Obesity</i> , 2021 , 5, 241-247	0.2	
37	Duranta repens Linn reverses hepatic and peripheral insulin resistance in fructose-induced hyperinsulinaemic rats Experimental and computational findings. <i>South African Journal of Botany</i> , 2022 , 148, 469-481	2.9	О
36	Excess fructose enhances oleatic cytotoxicity via reactive oxygen species production and causes necroptosis in hepatocytes. <i>Journal of Nutritional Biochemistry</i> , 2022 , 109052	6.3	O
35	Hypoglycemic and Hypolipidemic Effects of Viburnum Foetidum (Linn.) Methanolic Extract in a Mice Model of Fructose Induced Type II Diabetes. <i>SSRN Electronic Journal</i> ,	1	
34	Chrysin Attenuates Fructose-Induced Nonalcoholic Fatty Liver in Rats via Antioxidant and Anti-Inflammatory Effects: The Role of Angiotensin-Converting Enzyme 2/Angiotensin (1-7)/Mas Receptor Axis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1-14	6.7	O
33	DN Akhlukemiye Maruz Kalan Dole Sn Kalplerinde Ynsek Fruktoz ile Beslenmenin Hemodinamik Davran ve Enfarkt Boyutu Berine Etkisi. <i>Genel Th Dergisi</i> , 2022 , 32, 324-329		
32	Ethanol Extract of Pinus koraiensis Leaves Mitigates High Fructose-Induced Hepatic Triglyceride Accumulation and Hypertriglyceridemia. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 6745	2.6	
31	Hippocampal Endoplasmic Reticulum Stress Hastens Motor and Cognitive Decline in Adult Male Rats Sustainedly Exposed to High-Sucrose Diet. <i>Antioxidants</i> , 2022 , 11, 1395	7.1	
30	Alternative to Sugar, Honey Does Not Provoke Insulin Resistance in Rats Based on Lipid Profiles, Inflammation, and IRS/PI3K/AKT Signaling Pathways Modulation. 2022 , 70, 10194-10208		O
29	Potential role of oxidative stress in the pathogenesis of diabetic bladder dysfunction.		O
28	An interdisciplinary approach towards sustainable and higher steviol glycoside production from in vitro cultures of Stevia rebaudiana. 2022 , 358, 76-91		O
27	Benefits of Valsartan and Amlodipine in Lipolysis through PU.1 Inhibition in Fructose-Induced Adiposity. 2022 , 14, 3759		О
26	Guava Leaf Extract Suppresses Fructose Mediated Non-Alcoholic Fatty Liver Disease in Growing Rats. Volume 15, 2827-2845		O

25	Effects of early-life voluntary exercise and fructose on adult activity levels, body composition, aerobic capacity, and organ masses in mice bred for high voluntary wheel-running behavior. 1-12	O
24	Early Functional Changes in Rat Arteries and Microcirculatory Vessels while Modeling Metabolic Syndrome. 2022 , 58, 1471-1481	O
23	11EHydroxysteroid Dehydrogenase Type 1 as a Potential Treatment Target in Cardiovascular Diseases. 2022 , 11, 6190	1
22	The Effect of Walnut Intake on Lipids: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. 2022 , 14, 4460	О
21	Maternal Fructose Intake, Programmed Mitochondrial Function and Predisposition to Adult Disease. 2022 , 23, 12215	0
20	Silymarin inhibits the lipogenic pathway and reduces worsening of non-alcoholic fatty liver disease (NAFLD) in mice. 1-15	O
19	Effects of Giving Alfamangios on Cholesterol Levels and Pancreatic Appearance in Diabetes Mellitus Induced Rats. 2021 , 4, 120-126	0
18	Gallic acid impairs fructose-driven de novo lipogenesis and ameliorates hepatic steatosis via AMPK-dependent suppression of SREBP-1/ACC/FASN cascade. 2022 , 175457	1
17	The polyol pathway and nuclear ketohexokinase A signaling drive hyperglycemia-induced metastasis of gastric cancer.	0
16	Valorization of encapsulated coffee parchment extracts as metabolic control for high fructose diet-induced obesity, using Wistar rat as animal model	O
15	Low-Intensity Exercise Affects Cardiac Fatty Acid Oxidation by Increasing the Nuclear Content of PPAR FOXO1, and Lipin1 in Fructose-Fed Rats.	0
14	Association between Sugar-Sweetened Beverage Consumption and the Risk of the Metabolic Syndrome: A Systematic Review and Meta-Analysis. 2023 , 15, 430	O
13	Gut Microbiota Induces Hepatic Steatosis by Modulating the T Cells Balance in High Fructose Diet Mice.	0
12	Pluchea indica Leaf Extract Alleviates Dyslipidemia and Hepatic Steatosis by Modifying the Expression of Lipid Metabolism-Related Genes in Rats Fed a High Fat-High Fructose Diet. 2022 , 27, 384-398	O
11	Effect of Nyctanthes arbor-tristis on cardiovascular parameters and metabolic syndrome in fructose-induced hypertensive rats. 66, 257-267	O
10	Extraction equilibrium of vanillic acid using natural solvents. 2023 , 44, 101007	O
9	Metabolic Syndrome Risk Forecasting on Elderly with ML Techniques. 2022 , 460-466	0
8	Sex modifies the renal consequences of high fructose consumption introduced after weaning. 14,	O

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7	High-Fructose Diet Induces Cardiac Dysfunction via Macrophage Recruitment in Adult Mice. 2023 , 28, 107424842311622	O
6	Complex metabolic∄ndocrine syndromes: associations with cardiovascular disease. 2023 , 39-81	O
5	Evaluation the Effect of Chronic Obestatin Therapy on the Serum Glucose, Insulin And Lipid Levels in Type 2 Diabetic Rats. 2023 , 16,	O
4	Beverage Consumption Patterns and Nutrient Intake Are Associated with Cardiovascular Risk Factors among Urban Mexican Young Adults. 2023 , 15, 1817	O
3	Sodium butyrate ameliorates hepatic steatosis via modulating gut microbiota in fructose-exposed mice. 2023 , 1-18	O
2	Snack consumption patterns and their associations with risk of incident metabolic syndrome: Tehran lipid and glucose study. 2023 , 20,	O
1	The ameliorative effect of zinc acetate with caffeic acid in the animal model of type 2 diabetes. 2023 , 163, 114779	0