

# CITATION REPORT

List of articles citing

**Artificial sweeteners induce glucose intolerance by altering the gut microbiota**

**DOI: 10.1038/nature13793**

**Nature, 2014, 514, 181-6.**

**Source:** <https://exaly.com/paper-pdf/59394713/citation-report.pdf>

**Version:** 2024-04-26

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
1347	Self-Assembly of Artificial Sweetener Aspartame Yields Amyloid-like Cytotoxic Nanostructures.		
1346	.		
1345	Influence of flood frequency on residential building losses. <b>2010</b> , 10, 2145-2159		80
1344	Artificial sweeteners are not sweet to the gut microbiome. <b>2014</b> , 1, 130-131		
1343	Mixed Epidemiological Evidence Linking Gut Microbiota with Obesity. <b>2014</b> , 9, 173-174		
1342	What Parents Think about Giving Nonnutritive Sweeteners to Their Children: A Pilot Study. <b>2014</b> , 2014, 819872		33
1341	A bitter aftertaste: unintended effects of artificial sweeteners on the gut microbiome. <b>2014</b> , 20, 701-703		17
1340	History Lessons from Bacteria. <b>2014</b> , 159, 961-963		
1339	Brûle : Edulcorants et intolérance au glucose. <b>2014</b> , 25, 8		
1338	Health: The weighty costs of non-caloric sweeteners. <i>Nature</i> , <b>2014</b> , 514, 176-7	50.4	13
1337	Gut microbiota: not so sweet--artificial sweeteners can cause glucose intolerance by affecting the gut microbiota. <b>2014</b> , 10, 637		4
1336	Food, Safety and the Behavioural Factor of Risk. <b>2014</b> , 5, 491-504		1
1335	Introduction: What to Eat When You Can't Eat. <b>2014</b> , 3, 56-72		3
1334	Reducing added sugars in the food supply through a cap-and-trade approach. <b>2014</b> , 104, 2432-8		13
1333	Obesity changes the human gut mycobiome. <b>2015</b> , 5, 14600		130
1332	Dietary silver nanoparticles can disturb the gut microbiota in mice. <b>2016</b> , 13, 38		101
1331	[The Update of Obesity Syndrome: Molecular Mechanism, Pathophysiology and Therapies. Topics: II. Recent Topics on Care and Treatment of the Obesity Syndrome; 1. Diet therapy for obesity]. <b>2015</b> , 104, 723-9		

1330 Molecular Nutrition The Practical Guide. **2015**,

1329 References and Bibliography. **2015**, 713-772

1328 Sex-Dependent Claudin-1 Expression in the Liver of Euthyroid and Hypothyroid Mice. **2015**, 4, 67-73

8

1327 Effects of probiotics (cultured *Lactobacillus subtilis*/*Streptococcus faecium*) in the treatment of alcoholic hepatitis: randomized-controlled multicenter study. **2015**, 27, 1300-6

68

1326 Moderater Süßstoffkonsum ist ok. **2015**, 9, 64-65

1325 Viel Süßstoff schädigt den Darm. **2015**, 12, 19-19

1324 Biocatalytic Pathway Selection in Transient Tripeptide Nanostructures. **2015**, 127, 8237-8241

49

1323 Sugar and artificially sweetened beverage consumption and adiposity changes: National longitudinal study. **2015**, 12, 137

48

1322 Dysbiotic drift: mental health, environmental grey space, and microbiota. **2015**, 34, 23

49

1321 Biocatalytic Pathway Selection in Transient Tripeptide Nanostructures. **2015**, 54, 8119-23

139

1320 [Involvement of food additives in intestinal inflammation and metabolic syndrome in mice]. **2015**, 31, 586-8

2

1319 The functional impact of the intestinal microbiome on mucosal immunity and systemic autoimmunity. **2015**, 27, 381-7

48

1318 How to Explain the Dramatic Increase Around 2000 but Recent Leveling Off of Inflammatory Bowel Disease in Korea?. **2015**, 21, E16-7

1

1317 The intestinal microbiome and health. **2015**, 28, 464-70

98

1316 8th Annual Symposium on Self-Monitoring of Blood Glucose (SMBG): April 16-18, 2015, Republic of Malta. **2015**, 17, 832-50

1

1315 CX3CR1 is a gatekeeper for intestinal barrier integrity in mice: Limiting steatohepatitis by maintaining intestinal homeostasis. **2015**, 62, 1405-16

61

1314 Artificial sweeteners and glucose intolerance: a dietitians perspective. **2015**, 32, 73-75

2

1313 Chocolate Milk with Chia Oil: Ideal Sweetness, Sweeteners Equivalence, and Dynamic Sensory Evaluation Using a Time-Intensity Methodology. **2015**, 80, S2944-9

7

1312 ??????????????????????. **2015**, 12, 2-3

1311 Reciprocal interaction of diet and microbiome in inflammatory bowel diseases. **2015**, 31, 464-70 25

1310 Influence of the human intestinal microbiome on obesity and metabolic dysfunction. **2015**, 27, 496-501 37

1309 . **2015**, 2 2

1308 THE HUMAN MICROBIOTA: THE ROLE OF MICROBIAL COMMUNITIES IN HEALTH AND DISEASE. **2015**, 21, 1 1

1307 Does Consuming Sugar and Artificial Sweeteners Change Taste Preferences?. **2015**, 19, 81-4 8

1306 Mini-review: Obesity in Caribbean Youth. **2015**, 64, 250-62 3

1305 Miscellaneous Drugs, Materials, Medical Devices and Techniques. **2015**, 37, 603-619 5

1304 Functional and morphological changes in endocrine pancreas following cola drink consumption in rats. **2015**, 10, e0118700 12

1303 Approaches to studying and manipulating the enteric microbiome to improve autism symptoms. **2015**, 26, 26878 34

1302 Interleukin-1 Family Cytokines in Liver Diseases. **2015**, 2015, 630265 30

1301 Food preservatives linked to obesity and gut disease. *Nature*, **2015**, 504 2 2

1300 Impact of Ethanol and Saccharin on Fecal Microbiome in Pregnant and Non-Pregnant Mice. **2015**, 2, 18

1299 Physiological mechanisms by which non-nutritive sweeteners may impact body weight and metabolism. **2015**, 152, 381-8 80

1298 Cranberry juice consumption lowers markers of cardiometabolic risk, including blood pressure and circulating C-reactive protein, triglyceride, and glucose concentrations in adults. **2015**, 145, 1185-93 87

1297 Microbiota and Host Nutrition across Plant and Animal Kingdoms. **2015**, 17, 603-16 373

1296 Therapeutic Modification of the GI Microbiome. **2015**, 21, 124-130

1295 Latest approaches for the treatment of obesity. **2015**, 10, 825-39 38

1294	Aspartic acid, phenylalanine, and early menarche. <b>2015</b> , 102, 1617-8		1
1293	Use of sugars and sweeteners in children's diets. Recommendations of the Nutrition Committee of the Spanish Association of Paediatrics. <b>2015</b> , 83, 353.e1-353.e7		6
1292	A nutrition and conditioning intervention for natural bodybuilding contest preparation: observations and suggestions. <b>2015</b> , 12, 50		14
1291	Non-nutritive sweeteners in breast milk: perspective on potential implications of recent findings. <b>2015</b> , 89, 2169-71		13
1290	Integrated multi-scale strategies to investigate nutritional compounds and their effect on the gut microbiota. <b>2015</b> , 32, 149-155		26
1289	Association of soda consumption with subclinical cardiac remodeling in the Framingham heart study. <b>2015</b> , 64, 208-12		6
1288	Added fructose: a principal driver of type 2 diabetes mellitus and its consequences. <b>2015</b> , 90, 372-81		97
1287	Taste perception in normal and overweight Mexican adults. <b>2015</b> , 89, 192-5		31
1286	Gut microbial metabolism and colon cancer: can manipulations of the microbiota be useful in the management of gastrointestinal health?. <b>2015</b> , 37, 403-12		34
1285	Microbial activities and intestinal homeostasis: A delicate balance between health and disease. <b>2015</b> , 1, 28-40		98
1284	Health effects of sugars: in search of novel, unsuspected pathogenic pathways. <b>2015</b> , 145, 385-6		1
1283	Probiotics in transition: novel strategies. <b>2015</b> , 33, 195-6		20
1282	Dietary emulsifiers impact the mouse gut microbiota promoting colitis and metabolic syndrome. <i>Nature</i> , <b>2015</b> , 519, 92-6	50.4	1016
1281	Alteration of gut microbiota by vancomycin and bacitracin improves insulin resistance via glucagon-like peptide 1 in diet-induced obesity. <b>2015</b> , 29, 2397-411		136
1280	Could low-calorie sweeteners be contributing to the diabetes epidemic?. <b>2015</b> , 40, 33-35		1
1279	Mikrobiom zwischen Intestinum und Leber. <b>2015</b> , 10, 111-115		
1278	Are dietary emulsifiers making us fat?. <b>2015</b> , 63, 1045-8		3
1277	Growth dynamics of gut microbiota in health and disease inferred from single metagenomic samples. <b>2015</b> , 349, 1101-1106		245

1276	Targeting aggressive cancers with an artificial sweetener: could saccharin be a lead compound in anticancer therapy?. <b>2015</b> , 11, 2117-9	5
1275	High-intensity sweetener consumption and gut microbiome content and predicted gene function in a cross-sectional study of adults in the United States. <b>2015</b> , 25, 736-42.e4	56
1274	Gut microorganisms as promising targets for the management of type 2 diabetes. <b>2015</b> , 58, 2206-17	169
1273	Nutritional systems biology of type 2 diabetes. <b>2015</b> , 10, 481	20
1272	Combining metagenomics, metatranscriptomics and viromics to explore novel microbial interactions: towards a systems-level understanding of human microbiome. <b>2015</b> , 13, 390-401	133
1271	Metabolic effects of non-nutritive sweeteners. <b>2015</b> , 152, 450-5	142
1270	Consumption of caffeinated and artificially sweetened soft drinks is associated with risk of early menarche. <b>2015</b> , 102, 648-54	35
1269	Positive association between artificially sweetened beverage consumption and incidence of diabetes. <b>2015</b> , 58, 2455-6	10
1268	Proteobacteria: microbial signature of dysbiosis in gut microbiota. <b>2015</b> , 33, 496-503	1268
1267	Monosodium L-glutamate and dietary fat exert opposite effects on the proximal and distal intestinal health in growing pigs. <b>2015</b> , 40, 353-63	22
1266	A day in the life of the meta-organism: diurnal rhythms of the intestinal microbiome and its host. <b>2015</b> , 6, 137-42	40
1265	[Use of sugars and sweeteners in children's diets. Recommendations of the Nutrition Committee of the Spanish Paediatric Association]. <b>2015</b> , 83, 353.e1-7	7
1264	Metabolism: Dietary emulsifiers--sweepers of the gut lining?. <b>2015</b> , 11, 319-20	10
1263	Sub-minute method for simultaneous determination of aspartame, cyclamate, acesulfame-K and saccharin in food and pharmaceutical samples by capillary zone electrophoresis. <b>2015</b> , 1396, 148-52	19
1262	Membrane-permeable tastants amplify $\alpha$ -adrenergic receptor signaling and delay receptor desensitization via intracellular inhibition of GRK2's kinase activity. <b>2015</b> , 1850, 1375-88	4
1261	Natural environments, ancestral diets, and microbial ecology: is there a modern "paleo-deficit disorder"? Part II. <b>2015</b> , 34, 9	18
1260	The growth potential for dairy probiotics. <b>2015</b> , 49, 16-22	48
1259	Modeling human nutrition using human embryonic stem cells. <b>2015</b> , 161, 12-17	7

1258	Not so Sweet Revenge: Unanticipated Consequences of High-Intensity Sweeteners. <b>2015</b> , 38, 1-17	12
1257	Can inflammatory bowel disease really be solved by the multiple -omics and meta-omics analyses?. <b>2015</b> , 165, 107-8	4
1256	Non-caloric artificial sweeteners and the microbiome: findings and challenges. <b>2015</b> , 6, 149-55	111
1255	Microbiome Disturbances and Autism Spectrum Disorders. <b>2015</b> , 43, 1557-71	144
1254	Artificial sweeteners are not the answer to childhood obesity. <b>2015</b> , 93, 85-90	55
1253	A catalog of the mouse gut metagenome. <b>2015</b> , 33, 1103-8	295
1252	Ameliorative effect of riboflavin on hyperglycemia, oxidative stress and DNA damage in type-2 diabetic mice: Mechanistic and therapeutic strategies. <b>2015</b> , 584, 10-9	44
1251	Diet, interleukin-17, and childhood asthma in Puerto Ricans. <b>2015</b> , 115, 288-293.e1	36
1250	Metagenomic analysis of planktonic microbial consortia from a non-tidal urban-impacted segment of James River. <b>2015</b> , 10, 65	20
1249	Positive association between artificially sweetened beverage consumption and incidence of diabetes. Reply to Sylvetsky Meni AC, Swithers SE, Rother KI [letter]. <b>2015</b> , 58, 2457-8	3
1248	Linking Microbiota to Human Diseases: A Systems Biology Perspective. <b>2015</b> , 26, 758-770	98
1247	Consumption of sugar sweetened beverages, artificially sweetened beverages, and fruit juice and incidence of type 2 diabetes: systematic review, meta-analysis, and estimation of population attributable fraction. <b>2015</b> , 351, h3576	479
1246	Diet and Obesity (Macronutrients, Micronutrients, Nutritional Biochemistry). <b>2015</b> , 1-15	0
1245	Changes seen in gut bacteria content and distribution with obesity: causation or association?. <b>2015</b> , 127, 863-8	36
1244	Soft drink consumption is positively associated with metabolic syndrome risk factors only in Korean women: Data from the 2007-2011 Korea National Health and Nutrition Examination Survey. <b>2015</b> , 64, 1477-84	20
1243	The Role of the Pediatrician in Primary Prevention of Obesity. <b>2015</b> , 136, e275-92	233
1242	Nonnutritive Sweeteners in Breast Milk. <b>2015</b> , 78, 1029-32	47
1241	Rare sugar D-allulose: Potential role and therapeutic monitoring in maintaining obesity and type 2 diabetes mellitus. <b>2015</b> , 155, 49-59	95

1240	Gut Microbiota Dysbiosis in Obesity-Linked Metabolic Diseases and Prebiotic Potential of Polyphenol-Rich Extracts. <b>2015</b> , 4, 389-400	105
1239	Personalized Nutrition by Prediction of Glycemic Responses. <b>2015</b> , 163, 1079-1094	1205
1238	Mechanisms in endocrinology: Gut microbiota in patients with type 2 diabetes mellitus. <b>2015</b> , 172, R167-77	119
1237	"A spoonful of sugar helps the medicine go down": bitter masking by sucrose among children and adults. <b>2015</b> , 40, 17-25	52
1236	Obesity--a disease with many aetiologies disguised in the same oversized phenotype: has the overeating theory failed?. <b>2015</b> , 30, 1656-64	17
1235	. <b>2016</b> ,	5
1234	Germ-Free Animals. <b>2016</b> , 109-140	
1233	Artificial Sweeteners: A Systematic Review and Primer for Gastroenterologists. <b>2016</b> , 22, 168-80	26
1232	Research Trends in Emerging Contaminants on the Aquatic Environments of Tanzania. <b>2016</b> , 2016, 3769690	20
1231	Glutamine-Induced Secretion of Intestinal Secretory Immunoglobulin A: A Mechanistic Perspective. <b>2016</b> , 7, 503	42
1230	Whither Enzymology in the Twenty First Century?. <b>2016</b> , 4, 20	
1229	The Role of Gut Microflora and the Cholinergic Anti-inflammatory Neuroendocrine System in Diabetes Mellitus. <b>2016</b> , 7, 55	17
1228	Zebrafish Models for Dyslipidemia and Atherosclerosis Research. <b>2016</b> , 7, 159	21
1227	Farewell to Animal Testing: Innovations on Human Intestinal Microphysiological Systems. <b>2016</b> , 7,	18
1226	Daily Intake of Trehalose Is Effective in the Prevention of Lifestyle-Related Diseases in Individuals with Risk Factors for Metabolic Syndrome. <b>2016</b> , 62, 380-387	29
1225	Effects of the Non-Nutritive Sweeteners on Glucose Metabolism and Appetite Regulating Hormones: Systematic Review of Observational Prospective Studies and Clinical Trials. <b>2016</b> , 11, e0161264	64
1224	TrpA1 Regulates Defecation of Food-Borne Pathogens under the Control of the Duox Pathway. <b>2016</b> , 12, e1005773	31
1223	Relationship between Research Outcomes and Risk of Bias, Study Sponsorship, and Author Financial Conflicts of Interest in Reviews of the Effects of Artificially Sweetened Beverages on Weight Outcomes: A Systematic Review of Reviews. <b>2016</b> , 11, e0162198	91



1222	Chronic Low-Calorie Sweetener Use and Risk of Abdominal Obesity among Older Adults: A Cohort Study. <b>2016</b> , 11, e0167241	37
1221	Acute Effects of Sugars and Artificial Sweeteners on Small Intestinal Sugar Transport: A Study Using CaCo-2 Cells As an In Vitro Model of the Human Enterocyte. <b>2016</b> , 11, e0167785	13
1220	Dietary Patterns and Risk of Inflammatory Bowel Disease in Europe: Results from the EPIC Study. <b>2016</b> , 22, 345-54	127
1219	Gut Microbiota and a Selectively Bred Taste Phenotype: A Novel Model of Microbiome-Behavior Relationships. <b>2016</b> , 78, 610-9	16
1218	Soft drink consumption, mainly diet ones, is associated with increased blood pressure in adolescents. <b>2016</b> , 34, 221-5	13
1217	Sucralose Promotes Food Intake through NPY and a Neuronal Fasting Response. <b>2016</b> , 24, 75-90	56
1216	The complex interplay of diet, xenobiotics, and microbial metabolism in the gut: Implications for clinical outcomes. <b>2016</b> , 99, 588-99	20
1215	Experimental type II diabetes and related models of impaired glucose metabolism differentially regulate glucose transporters at the proximal tubule brush border membrane. <b>2016</b> , 101, 731-42	19
1214	Structure-function relationships of brazzein variants with altered interactions with the human sweet taste receptor. <b>2016</b> , 25, 711-9	13
1213	Spatial disturbances in altered mucosal and luminal gut viromes of diet-induced obese mice. <b>2016</b> , 18, 1498-510	45
1212	Artificially sweetened taste of insulin resistance?. <b>2016</b> , 41, iii	
1211	Frequent Consumption of Sugar- and Artificially Sweetened Beverages and Natural and Bottled Fruit Juices Is Associated with an Increased Risk of Metabolic Syndrome in a Mediterranean Population at High Cardiovascular Disease Risk. <b>2016</b> , 146, 1528-36	43
1210	Artificial sweeteners and metabolic dysregulation: Lessons learned from agriculture and the laboratory. <b>2016</b> , 17, 179-86	26
1209	Microbiota at the crossroads of autoimmunity. <b>2016</b> , 15, 859-69	82
1208	Diet-microbiota interactions as moderators of human metabolism. <i>Nature</i> , <b>2016</b> , 535, 56-64	50.4 1086
1207	Gut microbiome and lipid metabolism: from associations to mechanisms. <b>2016</b> , 27, 216-24	51
1206	Accumulation of intestinal tissue 3-deoxyglucosone attenuated GLP-1 secretion and its insulinotropic effect in rats. <b>2016</b> , 8, 78	12
1205	Consumption of sugar sweetened beverages, artificially sweetened beverages, and fruit juice and incidence of type 2 diabetes: systematic review, meta-analysis, and estimation of population attributable fraction. <b>2016</b> , 50, 496-504	128

1204	Gut microbiota from metabolic disease-resistant, macrophage-specific RIP140 knockdown mice improves metabolic phenotype and gastrointestinal integrity. <b>2016</b> , 6, 38599	4
1203	The Role of Fibers and Bioactive Compounds in Gut Microbiota Composition and Health. <b>2016</b> , 205-262	
1202	Precision Obesity Treatments Including Pharmacogenetic and Nutrigenetic Approaches. <b>2016</b> , 37, 575-593	28
1201	Effects of titanium dioxide nanoparticles on intestinal commensal bacteria. <b>2016</b> , 27, 1	9
1200	Maternal Consumption of Artificially Sweetened Beverages and Infant Weight Gain: Causal or Casual?. <b>2016</b> , 170, 642-3	2
1199	Sweetening yoghurt with glucose, but not with saccharin, promotes weight gain and increased fat pad mass in rats. <b>2016</b> , 105, 114-28	22
1198	Gut Microbiota as a Target in the Pathogenesis of Metabolic Disorders: A New Approach to Novel Therapeutic Agents. <b>2016</b> , 48, 349-58	55
1197	The safety and regulatory process for low calorie sweeteners in the United States. <b>2016</b> , 164, 439-444	34
1196	Early Exposure to Nonnutritive Sweeteners and Long-term Metabolic Health: A Systematic Review. <b>2016</b> , 137, e20153603	44
1195	The metabolic vascular syndrome - guide to an individualized treatment. <b>2016</b> , 17, 5-17	25
1194	Neurotropic effects of aspartame, stevia and sucralose on memory retention and on the histology of the hippocampus of the ICR mice ( <i>Mus musculus</i> ). <b>2016</b> , 6, 114-118	5
1193	Summaries of plenary, symposia, and oral sessions at the XXII World Congress of Psychiatric Genetics, Copenhagen, Denmark, 12-16 October 2014. <b>2016</b> , 26, 1-47	
1192	[Nutrition for diabetic patients]. <b>2016</b> , 128 Suppl 2, S131-6	
1191	Reshaping the gut microbiota: Impact of low calorie sweeteners and the link to insulin resistance?. <b>2016</b> , 164, 488-493	70
1190	Systems Nutrigenomics Reveals Brain Gene Networks Linking Metabolic and Brain Disorders. <b>2016</b> , 7, 157-66	46
1189	What Does Diabetes "Taste" Like?. <b>2016</b> , 16, 49	17
1188	Recent studies of the effects of sugars on brain systems involved in energy balance and reward: Relevance to low calorie sweeteners. <b>2016</b> , 164, 504-508	25
1187	Evidence for a distinct gut microbiome in kidney stone formers compared to non-stone formers. <b>2016</b> , 44, 399-407	81

1186	Low-calorie sweetener use and energy balance: Results from experimental studies in animals, and large-scale prospective studies in humans. <b>2016</b> , 164, 517-523	72
1185	Adipositas, Typ-2-Diabetes und das Mikrobiom, unser zweites Genom. <b>2016</b> , 11, 102-112	1
1184	Fine-tuning of the mucosal barrier and metabolic systems using the diet-microbial metabolite axis. <b>2016</b> , 37, 79-86	11
1183	Weiterentwicklung der Curricula in Ernährung und Diätetik [Pharmakologie füllt Lücken, schafft Klarheit und bringt Mehrwerte. <b>2016</b> , 41, 103-112	1
1182	Antibiotic-Induced Changes in the Intestinal Microbiota and Disease. <b>2016</b> , 22, 458-478	399
1181	Association Between Artificially Sweetened Beverage Consumption During Pregnancy and Infant Body Mass Index. <b>2016</b> , 170, 662-70	75
1180	Food: a new form of personalised (gut microbiome) medicine for chronic diseases?. <b>2016</b> , 109, 331-6	14
1179	Tratamiento de la diabetes mellitus (I). <b>2016</b> , 12, 1001-1012	0
1178	Nutrition in Type 2 Diabetes and the Metabolic Syndrome. <b>2016</b> , 100, 1285-1302	20
1177	The oesophageal microbiome: an unexplored link in obesity-associated oesophageal adenocarcinoma. <b>2016</b> , 92,	13
1176	Causality of small and large intestinal microbiota in weight regulation and insulin resistance. <b>2016</b> , 5, 759-70	102
1175	Sugar-sweetened beverage consumption and genetic predisposition to obesity in 2 Swedish cohorts. <b>2016</b> , 104, 809-15	42
1174	The effects of water and non-nutritive sweetened beverages on weight loss and weight maintenance: A randomized clinical trial. <b>2016</b> , 24, 297-304	65
1173	The association between the intake of specific dietary components and lifestyle factors and microscopic colitis. <b>2016</b> , 70, 1309-1317	22
1172	Non-nutritive sweeteners for the prevention or treatment of being overweight or obesity. <b>2016</b> ,	1
1171	Mikrobiom, Adipositas und Energiestoffwechsel. <b>2016</b> , 12, 401-408	
1170	Das Mikrobiom bei chronischen Erkrankungen. <b>2016</b> , 12, 420-427	1
1169	Diet-Microbiota Interactions Mediate Global Epigenetic Programming in Multiple Host Tissues. <b>2016</b> , 64, 982-992	280

1168	Rhein 8-O- $\beta$ -D-Glucopyranoside Elicited the Purgative Action of Daiokanzoto (Da-Huang-Gan-Cao-Tang), Despite Dysbiosis by Ampicillin. <b>2016</b> , 39, 378-83	4
1167	Circadian physiology of metabolism. <b>2016</b> , 354, 1008-1015	436
1166	Role of gut microbiota and nutrients in amyloid formation and pathogenesis of Alzheimer disease. <b>2016</b> , 74, 624-34	261
1165	Miracle fruit: An alternative sugar substitute in sour beverages. <b>2016</b> , 107, 645-653	26
1164	Intestinales Mikrobiom. <b>2016</b> , 41, 207-217	1
1163	Failure of sucrose replacement with the non-nutritive sweetener erythritol to alter GLP-1 or PYY release or test meal size in lean or obese people. <b>2016</b> , 107, 596-603	19
1162	Differential effects of early-life NMDA receptor antagonism on aspartame-impaired insulin tolerance and behavior. <b>2016</b> , 167, 209-221	10
1161	Microbiome-Epigenome Interactions and the Environmental Origins of Inflammatory Bowel Diseases. <b>2016</b> , 62, 208-19	34
1160	Wheat bran intake can attenuate chronic cadmium toxicity in mice gut microbiota. <b>2016</b> , 7, 3524-30	26
1159	The role of sugars and sweeteners in food, diet and health: Alternatives for the future. <b>2016</b> , 56, 158-166	68
1158	Biological fate of low-calorie sweeteners. <b>2016</b> , 74, 670-689	105
1157	Modifiable Risk Factors for Periodontitis and Diabetes. <b>2016</b> , 3, 254-269	19
1156	Effects of Daily Exposure to Saccharin and Sucrose on Testicular Biologic Functions in Mice. <b>2016</b> , 95, 116	14
1155	Sweetened beverage intake and risk of latent autoimmune diabetes in adults (LADA) and type 2 diabetes. <b>2016</b> , 175, 605-614	25
1154	Hormonal responses to non-nutritive sweeteners in water and diet soda. <b>2016</b> , 13, 71	52
1153	The gut microbiota: a major player in the toxicity of environmental pollutants?. <b>2016</b> , 2, 16003	309
1152	Parental Obesity: Intergenerational Programming and Consequences. <b>2016</b> ,	2
1151	The biosynthetic pathway of the nonsugar, high-intensity sweetener mogroside V from <i>Siraitia grosvenorii</i> . <b>2016</b> , 113, E7619-E7628	92

1150	Evaluation of functionality and safety of Food components by human intestinal models: Kobe University approach . <b>2016</b> , 27, 93-100	
1149	Variation in the TAS2R31 bitter taste receptor gene relates to liking for the nonnutritive sweetener Acesulfame-K among children and adults. <b>2016</b> , 6, 39135	20
1148	EDITORIAL: "The Koch's" view on the sense of taste in endocrinology. <b>2016</b> , 17, 143-7	3
1147	Glutamine promotes intestinal SIgA secretion through intestinal microbiota and IL-13. <b>2016</b> , 60, 1637-48	49
1146	The role of the gut microbiota in NAFLD. <b>2016</b> , 13, 412-25	459
1145	The microbial-mammalian metabolic axis: a critical symbiotic relationship. <b>2016</b> , 19, 250-256	12
1144	Gut hormone secretion, gastric emptying, and glycemic responses to erythritol and xylitol in lean and obese subjects. <b>2016</b> , 310, E1053-61	51
1143	Aspartame intake is associated with greater glucose intolerance in individuals with obesity. <b>2016</b> , 41, 795-8	25
1142	Treatment of insulin resistance: straight from the gut. <b>2016</b> , 21, 1284-90	6
1141	Lifestyle INTERvention for Diabetes prevention After pregnancy (LINDA-Brasil): study protocol for a multicenter randomized controlled trial. <b>2016</b> , 16, 68	14
1140	Crossover Control Study of the Effect of Personal Care Products Containing Triclosan on the Microbiome. <b>2016</b> , 1,	40
1139	Consumption of soft drinks and juices and risk of liver and biliary tract cancers in a European cohort. <b>2016</b> , 55, 7-20	20
1138	Diet and Obesity (Macronutrients, Micronutrients, Nutritional Biochemistry). <b>2016</b> , 261-274	
1137	Microbiota Manipulation With Prebiotics and Probiotics in Patients Undergoing Stem Cell Transplantation. <b>2016</b> , 11, 19-28	39
1136	Degradation of chondroitin sulfate by the gut microbiota of Chinese individuals. <b>2016</b> , 86, 112-8	40
1135	Low calorie sweeteners: Science and controversy: Conference proceedings. <b>2016</b> , 164, 429-431	13
1134	Endocannabinoids--at the crossroads between the gut microbiota and host metabolism. <b>2016</b> , 12, 133-43	191
1133	The diet-microbiota-metabolite axis regulates the host physiology. <b>2016</b> , 160, 1-10	15

1132	Low calorie sweeteners and gut microbiota. <b>2016</b> , 164, 494-500	22
1131	Not-so-healthy sugar substitutes?. <b>2016</b> , 9, 106-110	18
1130	Moderately high doses of the artificial sweetener saccharin potentially induce sleep disorders in mice. <b>2016</b> , 32, 1159-61	7
1129	Detection of counterfeit stevia products using a handheld Raman spectrometer. <b>2016</b> , 83, 126-131	22
1128	Imbalanced insulin action in chronic over nutrition: Clinical harm, molecular mechanisms, and a way forward. <b>2016</b> , 247, 225-82	51
1127	Taking it Personally: Personalized Utilization of the Human Microbiome in Health and Disease. <b>2016</b> , 19, 12-20	146
1126	Chitosan lowers body weight through intestinal microbiota and reduces IL-17 expression via mTOR signalling. <b>2016</b> , 22, 166-176	25
1125	Do low-calorie sweeteners promote weight gain in rodents?. <b>2016</b> , 164, 509-513	10
1124	Obesogens: an emerging threat to public health. <b>2016</b> , 214, 559-65	138
1123	Aspartame, a bittersweet pill. <b>2017</b> , 38, 1249-1250	3
1122	Growing up in a Bubble: Using Germ-Free Animals to Assess the Influence of the Gut Microbiota on Brain and Behavior. <b>2016</b> , 19,	270
1121	Understanding the metabolic and health effects of low-calorie sweeteners: methodological considerations and implications for future research. <b>2016</b> , 17, 187-94	25
1120	Mechanisms Linking the Gut Microbiome and Glucose Metabolism. <b>2016</b> , 101, 1445-54	100
1119	Role of the microbiome in the normal and aberrant glycemic response. <b>2016</b> , 6, 59-73	19
1118	The microbial pharmacists within us: a metagenomic view of xenobiotic metabolism. <b>2016</b> , 14, 273-87	382
1117	Artificially Sweetened Beverage Consumption Is Positively Associated with Newly Diagnosed Diabetes in Normal-Weight but Not in Overweight or Obese Brazilian Adults. <b>2016</b> , 146, 290-7	8
1116	Gradual reduction of sugar in soft drinks without substitution as a strategy to reduce overweight, obesity, and type 2 diabetes: a modelling study. <b>2016</b> , 4, 105-14	52
1115	The Gut Microbiome and Cirrhosis: Basic Aspects. <b>2016</b> , 139-168	1

1114	Sweet taste of saccharin induces weight gain without increasing caloric intake, not related to insulin-resistance in Wistar rats. <b>2016</b> , 96, 604-610	29
1113	Portal Hypertension VI. <b>2016</b> ,	8
1112	Wasser als Quelle des Lebens. <b>2016</b> ,	
1111	Integrative Medicine for Breast Cancer. <b>2016</b> ,	
1110	Interplay between diet, gut microbiota, epigenetic events, and colorectal cancer. <b>2017</b> , 61, 1500902	129
1109	Riboflavin and health: A review of recent human research. <b>2017</b> , 57, 3650-3660	102
1108	Reply to the letter: "Sweet taste disorder and vascular complications in patients with abnormal glucose tolerance". <b>2017</b> , 229, 37	1
1107	Alcohol, microbiome, life style influence alcohol and non-alcoholic organ damage. <b>2017</b> , 102, 162-180	33
1106	Low glycemic load diets protect against metabolic syndrome and Type 2 diabetes mellitus in the male Nile rat. <b>2017</b> , 42, 134-148	15
1105	Personalized microbiome-based approaches to metabolic syndrome management and prevention. <b>2017</b> , 9, 226-236	28
1104	Clostridium butyricum B1 alleviates high-fat diet-induced steatohepatitis in mice via enterohepatic immunoregulation. <b>2017</b> , 32, 1640-1648	22
1103	Effects of environmental pollutants on gut microbiota. <b>2017</b> , 222, 1-9	297
1102	Gut microbial degradation of organophosphate insecticides-induces glucose intolerance via gluconeogenesis. <b>2017</b> , 18, 8	73
1101	Gut microbiota and systemic inflammation changes after bread consumption: The ingredients and the processing influence. <b>2017</b> , 32, 98-105	12
1100	The Role of the Immune System in Metabolic Health and Disease. <b>2017</b> , 25, 506-521	134
1099	[Modulation of the intestinal microbiota by nutritional interventions]. <b>2017</b> , 58, 435-440	1
1098	Nutritional Psychiatry: Where to Next?. <b>2017</b> , 17, 24-29	103
1097	The role of artificial and natural sweeteners in reducing the consumption of table sugar: A narrative review. <b>2017</b> , 18, 1-8	112

1096	Animal nutrition and breeding conditions modify the physiology of isolated primary cells. <b>2017</b> , 102, 16-18	
1095	Dysbiosis and the immune system. <b>2017</b> , 17, 219-232	642
1094	Chronic aspartame intake causes changes in the trans-sulphuration pathway, glutathione depletion and liver damage in mice. <b>2017</b> , 11, 701-707	22
1093	Influence of diet on the gut microbiome and implications for human health. <b>2017</b> , 15, 73	983
1092	Chemical signaling between gut microbiota and host chromatin: What is your gut really saying?. <b>2017</b> , 292, 8582-8593	27
1091	Sugar and artificially sweetened beverages linked to obesity: a systematic review and meta-analysis. <b>2017</b> , 110, 513-520	68
1090	Nutritional approaches for managing obesity-associated metabolic diseases. <b>2017</b> , 233, R145-R171	20
1089	Sugar- and Artificially Sweetened Beverages and the Risks of Incident Stroke and Dementia: A Prospective Cohort Study. <b>2017</b> , 48, 1139-1146	74
1088	Sugar-Sweetened and Artificially Sweetened Beverages in Relation to Stroke and Dementia: Are Soft Drinks Hard on the Brain?. <b>2017</b> , 48, 1129-1131	3
1087	Extended vs. brief intermittent access to palatable food differently promote binge-like intake, rejection of less preferred food, and weight cycling in female rats. <b>2017</b> , 177, 305-316	26
1086	Sucralose Increases Antimicrobial Resistance and Stimulates Recovery of Escherichia coli Mutants. <b>2017</b> , 74, 885-888	8
1085	The impact of low and no-caloric sweeteners on glucose absorption, incretin secretion, and glucose tolerance. <b>2017</b> , 42, 793-801	15
1084	Involvement of a gut-retina axis in protection against dietary glycemia-induced age-related macular degeneration. <b>2017</b> , 114, E4472-E4481	117
1083	Microbiota abnormalities and the therapeutic potential of probiotics in the treatment of mood disorders. <b>2017</b> , 28, 739-749	24
1082	Total fecal microbiota transplantation alleviates high-fat diet-induced steatohepatitis in mice via beneficial regulation of gut microbiota. <b>2017</b> , 7, 1529	163
1081	Erythritol is a pentose-phosphate pathway metabolite and associated with adiposity gain in young adults. <b>2017</b> , 114, E4233-E4240	39
1080	Sweet sensing, homeostasis and hedonics in the human gut-brain axis. <b>2017</b> , 42, 172-177	0
1079	Saccharin induced liver inflammation in mice by altering the gut microbiota and its metabolic functions. <b>2017</b> , 107, 530-539	80



1078	Early-Life Sugar Consumption Affects the Rat Microbiome Independently of Obesity. <b>2017</b> , 147, 20-28	66
1077	The resilience of the intestinal microbiota influences health and disease. <b>2017</b> , 15, 630-638	398
1076	WITHDRAWN: Aspartame: should individuals with Type II Diabetes be taking it?. <b>2017</b> ,	
1075	A 12-week randomized clinical trial investigating the potential for sucralose to affect glucose homeostasis. <b>2017</b> , 88, 22-33	46
1074	Foodomics: A novel approach for food microbiology. <b>2017</b> , 96, 14-21	32
1073	Long-term consumption of caffeine-free high sucrose cola beverages aggravates the pathogenesis of EAE in mice. <b>2017</b> , 3, 17020	12
1072	The gut microbiome and hypertension. <b>2017</b> , 26, 1-8	58
1071	Bread Affects Clinical Parameters and Induces Gut Microbiome-Associated Personal Glycemic Responses. <b>2017</b> , 25, 1243-1253.e5	154
1070	The path towards microbiome-based metabolite treatment. <b>2017</b> , 2, 17075	73
1069	Gut Microbiota Mediates the Protective Effects of Dietary Capsaicin against Chronic Low-Grade Inflammation and Associated Obesity Induced by High-Fat Diet. <b>2017</b> , 8,	105
1068	Gut Microbiota, Endocrine-Disrupting Chemicals, and the Diabetes Epidemic. <b>2017</b> , 28, 612-625	89
1067	Ecotoxicological survey of MNEI and Y65R-MNEI proteins as new potential high-intensity sweeteners. <b>2017</b> , 24, 9734-9740	4
1066	Maternal consumption of artificially sweetened beverages during pregnancy, and offspring growth through 7 years of age: a prospective cohort study. <b>2017</b> , 46, 1499-1508	43
1065	The Microbiome and Human Biology. <b>2017</b> , 18, 65-86	181
1064	Developmental origins of type 2 diabetes: a perspective from China. <b>2017</b> , 71, 870-880	16
1063	Sweetener Intake by Rats Selectively Bred for Differential Saccharin Intake: Sucralose, Stevia, and Acesulfame Potassium. <b>2017</b> , 42, 381-392	5
1062	Sweet taste receptor in the hypothalamus: a potential new player in glucose sensing in the hypothalamus. <b>2017</b> , 67, 459-465	13
1061	Diet and Gut Microbiota in Health and Disease. <b>2017</b> , 88, 117-126	40

1060	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. <b>2017</b> , 147, 727-745	179
1059	Immunopathology in Toxicology and Drug Development. <b>2017</b> ,	0
1058	Les effets des édulcorants sur la satiété et la vidange gastrique. <b>2017</b> , 47, 24-27	
1057	The Gut Microbiome, Obesity, and Weight Control in Women's Reproductive Health. <b>2017</b> , 39, 1094-1119	9
1056	The content of caloric and non-caloric sweeteners in soft drinks in Germany. <b>2017</b> , 6, 11-14	1
1055	Incorporating food addiction into disordered eating: the disordered eating food addiction nutrition guide (DEFANG). <b>2017</b> , 22, 49-59	34
1054	Linking dietary patterns with gut microbial composition and function. <b>2017</b> , 8, 113-129	73
1053	Revisiting the safety of aspartame. <b>2017</b> , 75, 718-730	42
1052	Beyond the wall: can D-amino acids and small molecule inhibitors eliminate infections?. <b>2017</b> , 9, 843-846	2
1051	Functional Classification of the Gut Microbiota: The Key to Cracking the Microbiota Composition Code: Functional classifications of the gut microbiota reveal previously hidden contributions of indigenous gut bacteria to human health and disease. <b>2017</b> , 39, 1700032	22
1050	Changes in Sugar-Sweetened Soda Consumption, Weight, and Waist Circumference: 2-Year Cohort of Mexican Women. <b>2017</b> , 107, 1801-1808	11
1049	How diet can impact gut microbiota to promote or endanger health. <b>2017</b> , 33, 417-421	35
1048	The IBD interactome: an integrated view of aetiology, pathogenesis and therapy. <b>2017</b> , 14, 739-749	196
1047	Food contact materials and gut health: Implications for toxicity assessment and relevance of high molecular weight migrants. <b>2017</b> , 109, 1-18	29
1046	The Effects of an Environmentally Relevant Level of Arsenic on the Gut Microbiome and Its Functional Metagenome. <b>2017</b> , 160, 193-204	57
1045	The microbiota-gut-brain axis in obesity. <b>2017</b> , 2, 747-756	242
1044	Metabolic programming of the epigenome: host and gut microbial metabolite interactions with host chromatin. <b>2017</b> , 189, 30-50	19
1043	Validating the usage of household food acquisition surveys to assess the consumption of ultra-processed foods: Evidence from Brazil. <b>2017</b> , 72, 112-120	10

1042	Ernährungstherapie bei Diabetes. <b>2017</b> , 12, 187-205	2
1041	Toward a Biopsychosocial Ecology of the Human Microbiome, Brain-Gut Axis, and Health. <b>2017</b> , 79, 947-957	16
1040	The impact of parental history of type 2 diabetes on hyperinsulinemia and insulin resistance in subjects from central Mexico. <b>2017</b> , 11 Suppl 2, S895-S900	1
1039	Dysregulated microbiota-gut-brain axis. <b>2017</b> , 47, 648-658	3
1038	Chondroitin sulfate disaccharides modified the structure and function of the murine gut microbiome under healthy and stressed conditions. <b>2017</b> , 7, 6783	40
1037	Chronic Sucralose or L-Glucose Ingestion Does Not Suppress Food Intake. <b>2017</b> , 26, 279-280	6
1036	DNA methylation-independent growth restriction and altered developmental programming in a mouse model of preconception male alcohol exposure. <b>2017</b> , 12, 841-853	25
1035	Our Gut Microbiome: The Evolving Inner Self. <b>2017</b> , 171, 1481-1493	294
1034	Ernährungstherapie bei Diabetes. <b>2017</b> , 42, 211-229	1
1033	The Association Between Artificial Sweeteners and Obesity. <b>2017</b> , 19, 64	68
1032	Development of Sweet Taste Perception: Implications for Artificial Sweetener Use. <b>2017</b> , 32, 87-99	11
1031	Dietary Impacts on the Composition of Microbiota in Human Health and Disease. <b>2017</b> , 377-404	
1030	Effects of light intensity and photoperiod on improving steviol glycosides content in <i>Stevia rebaudiana</i> (Bertoni) Bertoni while conserving light energy consumption. <b>2017</b> , 7, 64-73	11
1029	The effect of moderate consumption of non-nutritive sweeteners on glucose tolerance and body composition in rats. <b>2017</b> , 42, 1225-1227	1
1028	Brazilian dietary patterns and the dietary approaches to stop hypertension (DASH) diet-relationship with metabolic syndrome and newly diagnosed diabetes in the ELSA-Brasil study. <b>2017</b> , 9, 13	24
1027	Sweeteners as food additives in the XXI century: A review of what is known, and what is to come. <b>2017</b> , 107, 302-317	119
1026	Mass loading of typical artificial sweeteners in a pig farm and their dissipation and uptake by plants in neighboring farmland. <b>2017</b> , 605-606, 735-744	19
1025	Eating Disorders and the Intestinal Microbiota: Mechanisms of Energy Homeostasis and Behavioral Influence. <b>2017</b> , 19, 51	35

1024	Isomalto-oligosaccharides, a prebiotic, functionally augment green tea effects against high fat diet-induced metabolic alterations via preventing gut dysbacteriosis in mice. <b>2017</b> , 123, 103-113	67
1023	The nutrition-gut microbiome-physiology axis and allergic diseases. <b>2017</b> , 278, 277-295	145
1022	Feeding the microbiota: transducer of nutrient signals for the host. <b>2017</b> , 66, 1709-1717	102
1021	Microbial endocrinology: Why the intersection of microbiology and neurobiology matters to poultry health. <b>2017</b> , 96, 2501-2508	17
1020	Artificially sweetened beverages, sugar-sweetened beverages, plain water, and incident diabetes mellitus in postmenopausal women: the prospective Women's Health Initiative observational study. <b>2017</b> , 106, 614-622	37
1019	Understanding and Preventing the Global Increase of Inflammatory Bowel Disease. <b>2017</b> , 152, 313-321.e2	462
1018	Supplementation of oligofructose, but not sucralose, decreases high-fat diet induced body weight gain in mice independent of gustducin-mediated gut hormone release. <b>2017</b> , 61, 1600716	12
1017	Sweetness prediction of natural compounds. <b>2017</b> , 221, 1421-1425	29
1016	Inhibition of the gut enzyme intestinal alkaline phosphatase may explain how aspartame promotes glucose intolerance and obesity in mice. <b>2017</b> , 42, 77-83	26
1015	Anticipation and Medicine. <b>2017</b> ,	8
1014	Plasma concentrations of sucralose in children and adults. <b>2017</b> , 99, 535-542	12
1013	Rethinking Diet to Aid Human-Microbe Symbiosis. <b>2017</b> , 25, 100-112	63
1012	Diet Soda Consumption and Risk of Incident End Stage Renal Disease. <b>2017</b> , 12, 79-86	15
1011	Chemistry of the Mediterranean Diet. <b>2017</b> ,	46
1010	Milk and Dairy Products. <b>2017</b> , 139-176	
1009	Interaction of gut microbiota with bile acid metabolism and its influence on disease states. <b>2017</b> , 101, 47-64	235
1008	In Defense of Processed Food. <b>2017</b> ,	2
1007	Interindividual variability in gut microbiota and host response to dietary interventions. <b>2017</b> , 75, 1059-1080	90

1006	The role of leptin in health and disease. <b>2017</b> , 4, 258-291	71
1005	. <b>2017</b> ,	1
1004	Effect of Ingestion of Rare Sugar Syrup on the Blood Glucose Response in Humans. <b>2017</b> , 70, 271-278	5
1003	Gut Microbiome Response to Sucralose and Its Potential Role in Inducing Liver Inflammation in Mice. <b>2017</b> , 8, 487	108
1002	Vegetarian Diets and the Microbiome. <b>2017</b> , 429-461	0
1001	Sugar- and Intense-Sweetened Drinks in Australia: A Systematic Review on Cardiometabolic Risk. <b>2017</b> , 9,	9
1000	Dysbiosis. <b>2017</b> , 227-232	9
999	An In Vivo Magnetic Resonance Spectroscopy Study of the Effects of Caloric and Non-Caloric Sweeteners on Liver Lipid Metabolism in Rats. <b>2017</b> , 9,	7
998	Effects of Low-Dose Non-Caloric Sweetener Consumption on Gut Microbiota in Mice. <b>2017</b> , 9,	69
997	Effects of Consuming Xylitol on Gut Microbiota and Lipid Metabolism in Mice. <b>2017</b> , 9,	40
996	Characterization of Non-Nutritive Sweetener Intake in Rural Southwest Virginian Adults Living in a Health-Disparate Region. <b>2017</b> , 9,	12
995	Phylodulcin, a Natural Sweetener, Regulates Obesity-Related Metabolic Changes and Fat Browning-Related Genes of Subcutaneous White Adipose Tissue in High-Fat Diet-Induced Obese Mice. <b>2017</b> , 9,	19
994	Sensory Properties of Bakery and Confectionary Products. <b>2017</b> , 305-324	3
993	Precision Nutrition: A Review of Personalized Nutritional Approaches for the Prevention and Management of Metabolic Syndrome. <b>2017</b> , 9,	177
992	Diabetic Nephropathy, Chronic Kidney Disease. <b>2017</b> , 161-189	1
991	Effects of Food Additives on Immune Cells As Contributors to Body Weight Gain and Immune-Mediated Metabolic Dysregulation. <b>2017</b> , 8, 1478	24
990	The Role of Carrageenan and Carboxymethylcellulose in the Development of Intestinal Inflammation. <b>2017</b> , 5, 96	58
989	Reduction of the Oxidative Stress Status Using Steviol Glycosides in a Fish Model. <b>2017</b> , 2017, 2352594	5

988	Programming Long-Term Health: Maternal and Fetal Nutrition and Diet Needs. <b>2017</b> , 375-411	3
987	Obesity and Metabolic Syndrome. <b>2017</b> , 1-26	1
986	Freeze-dried Lactobacillus plantarum 299v increases iron absorption in young females-Double isotope sequential single-blind studies in menstruating women. <b>2017</b> , 12, e0189141	23
985	Diet and ADHD, Reviewing the Evidence: A Systematic Review of Meta-Analyses of Double-Blind Placebo-Controlled Trials Evaluating the Efficacy of Diet Interventions on the Behavior of Children with ADHD. <b>2017</b> , 12, e0169277	55
984	The artificial sweetener acesulfame potassium affects the gut microbiome and body weight gain in CD-1 mice. <b>2017</b> , 12, e0178426	103
983	Experimental design and quantitative analysis of microbial community multiomics. <b>2017</b> , 18, 228	87
982	Intake of non-nutritive sweeteners is associated with an unhealthy lifestyle: a cross-sectional study in subjects with morbid obesity. <b>2017</b> , 4, 41	9
981	Efecto de edulcorantes no calóricos en la aceptabilidad sensorial de un producto horneado.. <b>2017</b> , 44, 137-143	2
980	Gut Microbiota and Metabolic Disorders. <b>2017</b> , 18, 63	
979	Sex-Dependent Effects of Cadmium Exposure in Early Life on Gut Microbiota and Fat Accumulation in Mice. <b>2017</b> , 125, 437-446	94
978	Aspartame Intake Relates to Coronary Plaque Burden and Inflammatory Indices in Human Immunodeficiency Virus. <b>2017</b> , 4, ofx083	4
977	References and Bibliography. <b>2017</b> , 619-663	
976	The truth about artificial sweeteners - Are they good for diabetics?. <b>2018</b> , 70, 197-199	11
975	High salt intake causes leptin resistance and obesity in mice by stimulating endogenous fructose production and metabolism. <b>2018</b> , 115, 3138-3143	110
974	Gut microbiota in toxicological risk assessment of drugs and chemicals: The need of hour. <b>2018</b> , 9, 465-468	9
973	Splenda in the Milk: Hitting the Sweet Spot. <b>2018</b> , 66, 371-372	
972	Dietary patterns and risk of ulcerative colitis: a case-control study. <b>2018</b> , 31, 408-412	10
971	Probiotic supplementation increases obesity with no detectable effects on liver fat or gut microbiota in obese Hispanic adolescents: a 16-week, randomized, placebo-controlled trial. <b>2018</b> , 13, 705-714	35

970	Selecting odorant compounds to enhance sweet flavor perception by gas chromatography/olfactometry-associated taste (GC/O-AT). <b>2018</b> , 257, 172-181	29
969	Nutritional modulation of the intestinal microbiota; future opportunities for the prevention and treatment of neuroimmune and neuroinflammatory disease. <b>2018</b> , 61, 1-16	31
968	Effects of sucralose on insulin and glucagon-like peptide-1 secretion in healthy subjects: a randomized, double-blind, placebo-controlled trial. <b>2018</b> , 55-56, 125-130	36
967	The impact of sugar particle size manipulation on the physical and sensory properties of chocolate brownies. <b>2018</b> , 95, 51-57	24
966	Regular low-calorie sweetener consumption is associated with increased secretion of glucose-dependent insulinotropic polypeptide. <b>2018</b> , 20, 2282-2285	1
965	Urbanization and the gut microbiota in health and inflammatory bowel disease. <b>2018</b> , 15, 440-452	114
964	Nonnutritive Sweeteners in Weight Management and Chronic Disease: A Review. <b>2018</b> , 26, 635-640	51
963	Food additives, food and the concept of 'food addiction': Is stimulation of the brain reward circuit by food sufficient to trigger addiction?. <b>2018</b> , 25, 263-276	37
962	Aspartame Consumption for 12 Weeks Does Not Affect Glycemia, Appetite, or Body Weight of Healthy, Lean Adults in a Randomized Controlled Trial. <b>2018</b> , 148, 650-657	23
961	Impact of food additives on the gut-brain axis. <b>2018</b> , 192, 173-176	19
960	Time for food: The impact of diet on gut microbiota and human health. <b>2018</b> , 51-52, 80-85	56
959	First victim, later aggressor: How the intestinal microbiota drives the pro-inflammatory effects of dietary emulsifiers?. <b>2018</b> , 1-4	31
958	Altered Microbiota and Their Metabolism in Host Metabolic Diseases. <b>2018</b> , 129-165	1
957	Acute Oral Administration of Single-Walled Carbon Nanotubes Increases Intestinal Permeability and Inflammatory Responses: Association with the Changes in Gut Microbiota in Mice. <b>2018</b> , 7, e1701313	22
956	Brazzein: A Natural Sweetener. <b>2018</b> , 17-33	0
955	The Role of Dietary Sugars and Sweeteners in Metabolic Disorders and Diabetes. <b>2018</b> , 225-243	0
954	Nonnutritive Sweeteners and Their Role in the Gastrointestinal Tract. <b>2018</b> , 377-392	1
953	Adaptive immune education by gut microbiota antigens. <b>2018</b> , 154, 28-37	109

952	Evaluating Causality of Gut Microbiota in Obesity and Diabetes in Humans. <b>2018</b> , 39, 133-153	132
951	The impact of human activities and lifestyles on the interlinked microbiota and health of humans and of ecosystems. <b>2018</b> , 627, 1018-1038	160
950	Metabolic and cognitive improvement from switching to saccharin or water following chronic consumption by female rats of 10% sucrose solution. <b>2018</b> , 188, 162-172	8
949	Individual susceptibility to arsenic-induced diseases: the role of host genetics, nutritional status, and the gut microbiome. <b>2018</b> , 29, 63-79	16
948	Sieving through gut models of colonization resistance. <b>2018</b> , 3, 132-140	37
947	Diet and microbiota linked in health and disease. <b>2018</b> , 9, 688-704	96
946	The gut microbiota as a novel regulator of cardiovascular function and disease. <b>2018</b> , 56, 1-15	84
945	Effects of daily exposure to saccharin sodium and rebaudioside A on the ovarian cycle and steroidogenesis in rats. <b>2018</b> , 76, 35-45	11
944	Quantifying Sucralose in a Water-Treatment Wetlands: Service-Learning in the Analytical Chemistry Laboratory. <b>2018</b> , 95, 535-542	19
943	Diet, Microbiota, and Metabolic Health: Trade-Off Between Saccharolytic and Proteolytic Fermentation. <b>2018</b> , 9, 65-84	56
942	Low serum uric acid concentration augments insulin effects on the prevalence of metabolic syndrome. <b>2018</b> , 12, 325-331	4
941	The hologenome concept of evolution after 10 years. <b>2018</b> , 6, 78	176
940	Phloridzin alleviate colitis in mice by protecting the intestinal brush border and improving the expression of sodium glycogen transporter 1. <b>2018</b> , 45, 348-354	8
939	Consumption of ultra-processed foods and cancer risk: results from NutriNet-Santé prospective cohort. <b>2018</b> , 360, k322	353
938	Diet and physical activity as possible mediators of the association between educational attainment and body mass index gain among Australian adults. <b>2018</b> , 63, 883-893	7
937	Tributyltin reduces the levels of serum adiponectin and activity of AKT and induces metabolic syndrome in male mice. <b>2018</b> , 33, 752-758	6
936	The Artificial Sweetener Splenda Promotes Gut Proteobacteria, Dysbiosis, and Myeloperoxidase Reactivity in Crohn's Disease-Like Ileitis. <b>2018</b> , 24, 1005-1020	97
935	Exploring Bacteroidetes: Metabolic key points and immunological tricks of our gut commensals. <b>2018</b> , 50, 635-639	62



934	Beverages containing low energy sweeteners do not differ from water in their effects on appetite, energy intake and food choices in healthy, non-obese French adults. <b>2018</b> , 125, 557-565	26
933	Type of sweet flavour carrier affects thyroid axis activity in male rats. <b>2018</b> , 57, 773-782	15
932	Metabolic effects of aspartame in adulthood: A systematic review and meta-analysis of randomized clinical trials. <b>2018</b> , 58, 2068-2081	15
931	Food additives, contaminants and other minor components: effects on human gut microbiota-a review. <b>2018</b> , 74, 69-83	89
930	Sweetened beverage intake in association to energy and sugar consumption and cardiometabolic markers in children. <b>2018</b> , 13, 195-203	25
929	Progress in fish gastrointestinal microbiota research. <b>2018</b> , 10, 626-640	216
928	Carbohydrate intake and training efficacy - a randomized cross-over study. <b>2018</b> , 36, 942-948	2
927	Adsorptive removal of artificial sweeteners from water using porous carbons derived from metal azolate framework-6. <b>2018</b> , 260, 1-8	43
926	Recent advances in biological production of erythritol. <b>2018</b> , 38, 620-633	58
925	Chemoreceptors in the Gut. <b>2018</b> , 80, 117-141	38
924	Insights on the impact of diet-mediated microbiota alterations on immunity and diseases. <b>2018</b> , 18, 550-555	5
923	Beyond gut feelings: how the gut microbiota regulates blood pressure. <b>2018</b> , 15, 20-32	177
922	Nutrition Therapy for Urolithiasis. <b>2018</b> ,	
921	Nutrient-Sensing Biology in Mammals and Birds. <b>2018</b> , 6, 197-225	8
920	Nutrition Therapy for Specific Lithogenic Risk Factors: High Urine Uric Acid/Acid Urine. <b>2018</b> , 125-134	
919	Erythritol as sweetener-wherefrom and whereeto?. <b>2018</b> , 102, 587-595	43
918	Towards utilization of the human genome and microbiome for personalized nutrition. <b>2018</b> , 51, 57-63	75
917	Modeling metabolism of the human gut microbiome. <b>2018</b> , 51, 90-96	79

916	Anthropometric and metabolic improvements in human type 2 diabetes after introduction of an Okinawan-based Nordic diet are not associated with changes in microbial diversity or SCFA concentrations. <b>2018</b> , 69, 729-740	10
915	Dietary intakes of six intense sweeteners by Irish adults. <b>2018</b> , 35, 425-438	17
914	Pharmacokinetics of Sucralose and Acesulfame-Potassium in Breast Milk Following Ingestion of Diet Soda. <b>2018</b> , 66, 466-470	43
913	How poverty affects diet to shape the microbiota and chronic disease. <b>2018</b> , 18, 279-287	23
912	Plant growth, steviol glycosides and nutrient uptake as affected by arbuscular mycorrhizal fungi and phosphorous fertilization in <i>Stevia rebaudiana</i> Bert. <b>2018</b> , 111, 899-907	31
911	Co-supplementation of isomalto-oligosaccharides potentiates metabolic health benefits of polyphenol-rich cranberry extract in high fat diet-fed mice via enhanced gut butyrate production. <b>2018</b> , 57, 2897-2911	29
910	Antimicrobial Emulsifier-Glycerol Monolaurate Induces Metabolic Syndrome, Gut Microbiota Dysbiosis, and Systemic Low-Grade Inflammation in Low-Fat Diet Fed Mice. <b>2018</b> , 62, 1700547	54
909	Stevia Leaf to Stevia Sweetener: Exploring Its Science, Benefits, and Future Potential. <b>2018</b> , 148, 1186S-1205S	54
908	The Prediabetes Diet Plan: How to Reverse Prediabetes and Prevent Diabetes Through Healthy Eating and Exercise. <b>2018</b> , 36, 334-335	
907	Separating "good" from "bad" faecal dysbiosis - evidence from two cross-sectional studies. <b>2018</b> , 5, 30	5
906	Consumo de edulcorantes no nutritivos: efectos a nivel celular y metabólico. <b>2018</b> , 20, 185-202	0
905	Association of Natural and Artificial Nonnutritive Sweeteners on Gastrointestinal Disorders: A Narrative Review. <b>2018</b> , 08,	
904	Sex Modulates N6.2 and Phytophenol Effectiveness in Reducing High Fat Diet Induced mTOR Activation in Sprague-Dawley Rats. <b>2018</b> , 9, 2649	4
903	Low intake of digestible carbohydrates ameliorates the duodenal absorption of carbohydrates in mice with glucose metabolic disorders induced by sucralose. <b>2018</b> , 9, 6236-6244	1
902	Alternative Süngsmittel. <b>2018</b> , 43, S50-S54	1
901	18 Intestinales Mikrobiom. <b>2018</b> ,	
900	The beneficial effects of <i>Lactobacillus reuteri</i> ADR-1 or ADR-3 consumption on type 2 diabetes mellitus: a randomized, double-blinded, placebo-controlled trial. <b>2018</b> , 8, 16791	54
899	Taxonomic classification for microbiome analysis, which correlates well with the metabolite milieu of the gut. <b>2018</b> , 18, 188	24

898	Gut Mechanisms Linking Intestinal Sweet Sensing to Glycemic Control. <b>2018</b> , 9, 741	14
897	Chronic intake of 4-Methylimidazole induces Hyperinsulinemia and Hypoglycaemia via Pancreatic Beta Cell Hyperplasia and Glucose Dyshomeostasis. <b>2018</b> , 8, 17037	5
896	Pergola: Boosting Visualization and Analysis of Longitudinal Data by Unlocking Genomic Analysis Tools. <b>2018</b> , 9, 244-257	5
895	The gut microbiota at the intersection of diet and human health. <b>2018</b> , 362, 776-780	406
894	A Case Whose Intermittent Claudication Disappeared After Weight Reduction. <b>2018</b> , 08,	
893	Development of the Gut Microbiome in Children, and Lifetime Implications for Obesity and Cardiometabolic Disease. <b>2018</b> , 5,	36
892	Oral Post-Oral Actions of Low-Calorie Sweeteners: A Tale of Contradictions and Controversies. <b>2018</b> , 26 Suppl 3, S9-S17	6
891	Measuring Artificial Sweeteners Toxicity Using a Bioluminescent Bacterial Panel. <b>2018</b> , 23,	28
890	The gut microbiota: cause and cure of gut diseases. <b>2018</b> , 209, 312-317	6
889	Obesity in Type 1 Diabetes: Pathophysiology, Clinical Impact, and Mechanisms. <b>2018</b> , 39, 629-663	79
888	Fecal microbiota transplantation confers beneficial metabolic effects of diet and exercise on diet-induced obese mice. <b>2018</b> , 8, 15625	64
887	Neuronal SIRT1 regulates macronutrient-based diet selection through FGF21 and oxytocin signalling in mice. <b>2018</b> , 9, 4604	30
886	Nanoparticules et alimentation : un risque émergent en santé humaine ?. <b>2018</b> , 53, 312-321	3
885	Low-Calorie Sweeteners in Foods, Beverages, and Food and Beverage Additions: NHANES 2007-2012. <b>2018</b> , 2, nzy024	5
884	Microalgae based innovative animal fat and proteins replacers for application in functional baked products. <b>2018</b> , 3, 427-436	1
883	Effect of prenatal administration of low dose antibiotics on gut microbiota and body fat composition of newborn mice. <b>2018</b> , 62, 155-160	11
882	Cross-Talk Between Gluten, Intestinal Microbiota and Intestinal Mucosa in Celiac Disease: Recent Advances and Basis of Autoimmunity. <b>2018</b> , 9, 2597	34
881	Diabetes Treatment in the Elderly: Incorporating Geriatrics, Technology, and Functional Medicine. <b>2018</b> , 18, 95	12

880	Personalized Gut Mucosal Colonization Resistance to Empiric Probiotics Is Associated with Unique Host and Microbiome Features. <b>2018</b> , 174, 1388-1405.e21	628
879	Post-Antibiotic Gut Mucosal Microbiome Reconstitution Is Impaired by Probiotics and Improved by Autologous FMT. <b>2018</b> , 174, 1406-1423.e16	475
878	Ingesta de edulcorantes no nutritivos en tres poblaciones distintas de adultos en México.. <b>2018</b> , 45, 45-49	0
877	Sucralose decreases insulin sensitivity in healthy subjects: a randomized controlled trial. <b>2018</b> , 108, 485-491	34
876	The not-so-sweet effects of sucralose on blood sugar control. <b>2018</b> , 108, 431-432	2
875	XI International Conference on Immunonutrition 2018: ISIN. <b>2018</b> , 73, 184-226	
874	The microbiome and inborn errors of metabolism: Why we should look carefully at their interplay?. <b>2018</b> , 41, 515-532	10
873	Acute saccharin infusion has no effect on renal glucose handling in normal rats in vivo. <b>2018</b> , 6, e13804	
872	The Intricate Relationship between Diabetes, Diet and the Gut Microbiota. <b>2018</b> ,	
871	Selecting optimal mixtures of natural sweeteners for carbonated soft drinks through multi-objective decision modeling and sensory validation. <b>2018</b> , 33, e12466	8
870	Changes in the Gut Microbiota of Urban Subjects during an Immersion in the Traditional Diet and Lifestyle of a Rainforest Village. <b>2018</b> , 3,	25
869	Pathways and mechanisms linking dietary components to cardiometabolic disease: thinking beyond calories. <b>2018</b> , 19, 1205-1235	37
868	How Non-nutritive Sweeteners Influence Hormones and Health. <b>2018</b> , 29, 455-467	43
867	Noncaloric Sweeteners in Children: A Controversial Theme. <b>2018</b> , 2018, 4806534	14
866	Chronic Consumption of Sweeteners and Its Effect on Glycaemia, Cytokines, Hormones, and Lymphocytes of GALT in CD1 Mice. <b>2018</b> , 2018, 1345282	18
865	Consumption of a Carbonated Beverage with High-Intensity Sweeteners Has No Effect on Insulin Sensitivity and Secretion in Nondiabetic Adults. <b>2018</b> , 148, 1293-1299	11
864	System biology approach intersecting diet and cell metabolism with pathogenesis of brain disorders. <b>2018</b> , 169, 76-90	9
863	Effects of saccharin supplementation on body weight, sweet receptor mRNA expression and appetite signals regulation in post-weanling rats. <b>2018</b> , 107, 32-38	4

862	Low-Calorie Sweetened Beverages and Cardiometabolic Health: A Science Advisory From the American Heart Association. <b>2018</b> , 138, e126-e140	67
861	Metabolic Effects of Low-Calorie Sweeteners: A Brief Review. <b>2018</b> , 26 Suppl 3, S25-S31	3
860	Gut-Brain Psychology: Rethinking Psychology From the Microbiota-Gut-Brain Axis. <b>2018</b> , 12, 33	103
859	The Complex Interplay between Chronic Inflammation, the Microbiome, and Cancer: Understanding Disease Progression and What We Can Do to Prevent It. <b>2018</b> , 10,	48
858	Reprint of "Beverages containing low energy sweeteners do not differ from water in their effects on appetite, energy intake and food choices in healthy, non-obese French adults". <b>2018</b> , 129, 103-112	1
857	Beneficial changes of gut microbiota and metabolism in weaned rats with Lactobacillus acidophilus NCFM and Bifidobacterium lactis Bi-07 supplementation. <b>2018</b> , 48, 252-265	14
856	Environmental Subconcussive Injury, Axonal Injury, and Chronic Traumatic Encephalopathy. <b>2018</b> , 9, 166	11
855	Effects of the Artificial Sweetener Neotame on the Gut Microbiome and Fecal Metabolites in Mice. <b>2018</b> , 23,	41
854	Adipositas und chronische Inflammation bei phlebologischen und lymphologischen Erkrankungen. <b>2018</b> , 47, 55-65	10
853	The Role of Bacteria, Probiotics and Diet in Irritable Bowel Syndrome. <b>2018</b> , 7,	45
852	Antibiotic-induced dysbiosis effects on the murine gastrointestinal tract and their systemic repercussions. <b>2018</b> , 207, 480-491	17
851	Non-nutritive sweeteners possess a bacteriostatic effect and alter gut microbiota in mice. <b>2018</b> , 13, e0199080	58
850	The debate over neurotransmitter interaction in aspartame usage. <b>2018</b> , 56, 7-15	7
849	Gut Microbiota and Type 1 Diabetes. <b>2018</b> , 19,	79
848	Use of Table Sugar and Artificial Sweeteners in Brazil: National Dietary Survey 2008-2009. <b>2018</b> , 10,	8
847	Saccharin Increases Fasting Blood Glucose but Not Liver Insulin Resistance in Comparison to a High Fructose-Fed Rat Model. <b>2018</b> , 10,	7
846	The Western Diet-Microbiome-Host Interaction and Its Role in Metabolic Disease. <b>2018</b> , 10,	247
845	Stevia rebaudiana Bertoni and Its Effects in Human Disease: Emphasizing Its Role in Inflammation, Atherosclerosis and Metabolic Syndrome. <b>2018</b> , 7, 161	13

844	Relaxed natural selection contributes to global obesity increase more in males than in females due to more environmental modifications in female body mass. <b>2018</b> , 13, e0199594	10
843	Early-Life Exposure to Non-Nutritive Sweeteners and the Developmental Origins of Childhood Obesity: Global Evidence from Human and Rodent Studies. <b>2018</b> , 10,	28
842	Developmental Origins of Disease: Emerging Prenatal Risk Factors and Future Disease Risk. <b>2018</b> , 5, 293-302	11
841	Associations of artificially sweetened beverage intake with disease recurrence and mortality in stage III colon cancer: Results from CALGB 89803 (Alliance). <b>2018</b> , 13, e0199244	12
840	The Ramazzini Institute 13-week pilot study on glyphosate and Roundup administered at human-equivalent dose to Sprague Dawley rats: effects on the microbiome. <b>2018</b> , 17, 50	58
839	Combining 16S rRNA gene variable regions enables high-resolution microbial community profiling. <b>2018</b> , 6, 17	91
838	Implication of gut microbiota metabolites in cardiovascular and metabolic diseases. <b>2018</b> , 75, 3977-3990	84
837	Effects of Psychological, Environmental and Physical Stressors on the Gut Microbiota. <b>2018</b> , 9, 2013	183
836	Engineered Microorganisms for the Production of Food Additives Approved by the European Union-A Systematic Analysis. <b>2018</b> , 9, 1746	36
835	Artificial sweetener saccharin disrupts intestinal epithelial cells' barrier function in vitro. <b>2018</b> , 9, 3815-3822	19
834	Consumption of artificial sweetened beverages associated with adiposity and increasing HbA1c in Hispanic youth. <b>2018</b> , 8, 236-243	3
833	Role of the gut microbiota in nutrition and health. <b>2018</b> , 361, k2179	597
832	S-Adenosylmethionine Metabolism and Aging. <b>2018</b> , 59-93	3
831	Good or bad: gut bacteria in human health and diseases. <b>2018</b> , 32, 1075-1080	32
830	Interactions between species introduce spurious associations in microbiome studies. <b>2018</b> , 14, e1005939	18
829	Practical Diet Recommendations. <b>2018</b> , 159-169	
828	May Dysbiosis Caused by Dietary Chemicals Such as Sucralose and Saccharin Be More Detrimental to the Gut and Health Than Antibiotics? How?. <b>2019</b> , 25, e20	3
827	Toxicological Aspects of Emerging Contaminants. <b>2019</b> , 33-58	1

826	Diagnostics and therapeutic implications of gut microbiota alterations in cardiometabolic diseases. <b>2019</b> , 29, 141-147	24
825	Inhibitory effects of dietary soy isoflavone and gut microbiota on contact hypersensitivity in mice. <b>2019</b> , 272, 33-38	10
824	Mikrobiota und Genese des kolorektalen Karzinoms. <b>2019</b> , 52, 30-34	
823	Fecal microbiota transplantation alleviated Alzheimer's disease-like pathogenesis in APP/PS1 transgenic mice. <b>2019</b> , 9, 189	135
822	A diet of U.S. military food rations alters gut microbiota composition and does not increase intestinal permeability. <b>2019</b> , 72, 108217	6
821	Protective Effects of Anthocyanins in Obesity-Associated Inflammation and Changes in Gut Microbiome. <b>2019</b> , 63, e1900149	28
820	Intravenous and oral caffeine self-administration in rats. <b>2019</b> , 203, 72-82	2
819	Functional expression of recombinant sweet-tasting protein brazzein by Escherichia coli and Bacillus licheniformis. <b>2019</b> , 33, 251-271	2
818	Ketogenic Diet and Microbiota: Friends or Enemies?. <b>2019</b> , 10,	78
817	Gut Microbiome: Profound Implications for Diet and Disease. <b>2019</b> , 11,	265
816	Altered in Vitro Metabolomic Response of the Human Microbiota to Sweeteners. <b>2019</b> , 10,	12
815	Sugary drink consumption and risk of cancer: results from NutriNet-Santé prospective cohort. <b>2019</b> , 366, l2408	77
814	A Personalised Dietary Approach-A Way Forward to Manage Nutrient Deficiency, Effects of the Western Diet, and Food Intolerances in Inflammatory Bowel Disease. <b>2019</b> , 11,	18
813	Response to the Letter to the Editor by S. Schiffman and H. Nagle: Revisiting the data and information that has collectively established the safety of low/no-calorie sweeteners, including sucralose. <b>2019</b> , 132, 110691	1
812	Low-calorie sweeteners augment tissue-specific insulin sensitivity in a large animal model of obesity. <b>2019</b> , 46, 2380-2391	4
811	Revisited: Assessing the in vivo data on low/no-calorie sweeteners and the gut microbiota. <b>2019</b> , 132, 110692	9
810	The Effect of Isolated and Synthetic Dietary Fibers on Markers of Metabolic Diseases in Human Intervention Studies: A Systematic Review. <b>2020</b> , 11, 420-438	11
809	The bidirectional relationship between host physiology and microbiota and health benefits of probiotics: A review. <b>2019</b> , 91, 426-435	23

808	Role of Personalized Nutrition in Chronic-Degenerative Diseases. <b>2019</b> , 11,	49
807	From biology to behavior: a cross-disciplinary seminar series surrounding added sugar and low-calorie sweetener consumption. <b>2019</b> , 5, 203-219	4
806	Precision Nutrition and the Microbiome Part II: Potential Opportunities and Pathways to Commercialisation. <b>2019</b> , 11,	29
805	Short-term impact of sucralose consumption on the metabolic response and gut microbiome of healthy adults. <b>2019</b> , 122, 856-862	19
804	Insights into the evolving role of the gut microbiome in nonalcoholic fatty liver disease: rationale and prospects for therapeutic intervention. <b>2019</b> , 12, 1756284819858470	12
803	Identification of a Novel Oligosaccharide in Maple Syrup as a Potential Alternative Saccharide for Diabetes Mellitus Patients. <b>2019</b> , 20,	4
802	Review of the scientific evidence and technical opinion on noncaloric sweetener consumption in gastrointestinal diseases. <b>2019</b> , 84, 492-510	4
801	Food Components and Dietary Habits: Keys for a Healthy Gut Microbiota Composition. <b>2019</b> , 11,	171
800	Sweet taste receptor agonists alter ovarian functions and ovarian cycles in aged mice. <b>2019</b> , 19, 230-236	3
799	Effects of grape pomace and seed polyphenol extracts on the recovery of gut microbiota after antibiotic treatment in high-fat diet-fed mice. <b>2019</b> , 7, 2897-2906	11
798	Are Nonnutritive Sweeteners Obesogenic? Associations between Diet, Faecal Microbiota, and Short-Chain Fatty Acids in Morbidly Obese Subjects. <b>2019</b> , 2019, 4608315	8
797	Long-Term Saccharin Consumption and Increased Risk of Obesity, Diabetes, Hepatic Dysfunction, and Renal Impairment in Rats. <b>2019</b> , 55,	10
796	Guidelines for Transparency on Gut Microbiome Studies in Essential and Experimental Hypertension. <b>2019</b> , 74, 1279-1293	24
795	Rôle de la nutrition et de la micronutrition dans la lutte contre les troubles de l'humeur. <b>2019</b> , 58, 33-38	1
794	Analysis of Additives in Milk Powders with SPE-HPLC or 2D-HPLC Method. <b>2019</b> ,	
793	When the beverage is sweet, how does the liver feel?. <b>2019</b> , 5, 458-465	1
792	Vulnerability of the industrialized microbiota. <b>2019</b> , 366,	83
791	Pathology in Ecological Research With Implications for One Health: Session Summary. <b>2019</b> , 47, 1072-1075	4



790	The Microbiota-Gut-Brain Axis. <b>2019</b> , 99, 1877-2013	979
789	A high-sugar diet rapidly enhances susceptibility to colitis via depletion of luminal short-chain fatty acids in mice. <b>2019</b> , 9, 12294	54
788	Microbiome and Mental Health, Specifically as It Relates to Adolescents. <b>2019</b> , 21, 93	14
787	Association between Total Sugar Intake and Metabolic Syndrome in Middle-Aged Korean Men and Women. <b>2019</b> , 11,	11
786	Maternal supplementation with a synbiotic has distinct outcomes on offspring gut microbiota formation in A/J and C57BL/6 mice, differentially affecting airway inflammatory cell infiltration and mucus production. <b>2019</b> , 61, 103496	3
785	Dietary intake influences gut microbiota development of healthy Australian children from the age of one to two years. <b>2019</b> , 9, 12476	17
784	Association Between Soft Drink Consumption and Mortality in 10 European Countries. <b>2019</b> , 179, 1479-1490	72
783	Diet-microbiota interactions and personalized nutrition. <b>2019</b> , 17, 742-753	274
782	Effect of Chronic Consumption of Sweeteners on Microbiota and Immunity in the Small Intestine of Young Mice. <b>2019</b> , 2019, 9619020	9
781	Whey protein sweetened with Bertoni (Bert.) increases mitochondrial biogenesis markers in the skeletal muscle of resistance-trained rats. <b>2019</b> , 16, 65	3
780	Impact of Food Additives on Gut Homeostasis. <b>2019</b> , 11,	44
779	Antibiotic Exposure Disturbs the Gut Microbiota and Its Metabolic Phenotype Differently in Rats with Advanced-Stage Type 1 Diabetes and Age-Matched Controls. <b>2019</b> , 18, 3944-3954	0
778	Review of the scientific evidence and technical opinion on noncaloric sweetener consumption in gastrointestinal diseases. <b>2019</b> , 84, 492-510	5
777	Preconception paternal alcohol exposure exerts sex-specific effects on offspring growth and long-term metabolic programming. <b>2019</b> , 12, 9	28
776	Exploiting the Oral Microbiome to Prevent Tooth Decay: Has Evolution Already Provided the Best Tools?. <b>2018</b> , 9, 3323	36
775	Quantitative proteomics reveals systematic dysregulations of liver protein metabolism in sucralose-treated mice. <b>2019</b> , 196, 1-10	11
774	Metabolic consequences of discretionary fortified beverage consumption containing excessive vitamin B levels in adolescents. <b>2019</b> , 14, e0209913	3
773	Nutritional influence on bone: role of gut microbiota. <b>2019</b> , 31, 743-751	27

772	Fecal Microbial Transplantation and Its Potential Application in Cardiometabolic Syndrome. <b>2019</b> , 10, 1341	35
771	The Role of the Gut Microbiome in Predicting Response to Diet and the Development of Precision Nutrition Models. Part II: Results. <b>2019</b> , 10, 979-998	25
770	Maternal Exposure to Non-nutritive Sweeteners Impacts Progeny's Metabolism and Microbiome. <b>2019</b> , 10, 1360	39
769	Wound healing properties of <i>Epiphyllum oxypetalum</i> (DC.) Haw. leaf extract in streptozotocin-induced diabetic mice by topical application. <b>2019</b> , 26, 100160	2
768	Antibiotic Exposure Has Sex-Dependent Effects on the Gut Microbiota and Metabolism of Short-Chain Fatty Acids and Amino Acids in Mice. <b>2019</b> , 4,	21
767	A prospective study of artificially sweetened beverage intake and cardiometabolic health among women at high risk. <b>2019</b> , 110, 221-232	10
766	Dietary Additives and Supplements Revisited: The Fewer, the Safer for Liver and Gut Health. <b>2019</b> , 5, 303-316	5
765	Low-Dose Stevia (Rebaudioside A) Consumption Perturbs Gut Microbiota and the Mesolimbic Dopamine Reward System. <b>2019</b> , 11,	32
764	A Single 48 mg Sucralose Sip Unbalances Monocyte Subpopulations and Stimulates Insulin Secretion in Healthy Young Adults. <b>2019</b> , 2019, 6105059	2
763	Gut microbiota in ALS: possible role in pathogenesis?. <b>2019</b> , 19, 785-805	21
762	Model of personalized postprandial glycemic response to food developed for an Israeli cohort predicts responses in Midwestern American individuals. <b>2019</b> , 110, 63-75	35
761	Non-nutritive sweeteners and their association with the metabolic syndrome and non-alcoholic fatty liver disease: a review of the literature. <b>2019</b> , 58, 1785-1800	14
760	Uncalculated First-Party Externalities Given a Beverage Tax. <b>2019</b> , 100, 736-748	1
759	Obesity, Xenobiotic Intake and Antimicrobial-Resistance Genes in the Human Gastrointestinal Tract: A Comparative Study of Eutrophic, Overweight and Obese Individuals. <b>2019</b> , 10,	11
758	Determination of Short-Chain Fatty Acids in Mouse Feces by High-Performance Liquid Chromatography Using 2-Nitrophenylhydrazine as a Labeling Reagent. <b>2019</b> , 42, 845-849	8
757	Guidance on Healthy Eating Habits from the Medical Student's Perspective. <b>2019</b> , 43, 126-135	
756	Oral and Systemic Effects of Xylitol Consumption. <b>2019</b> , 53, 491-501	11
755	The ancestral and industrialized gut microbiota and implications for human health. <b>2019</b> , 17, 383-390	136

754	Do Interactions Between Environmental Chemicals and the Human Microbiome Need to Be Considered in Risk Assessments?. <b>2019</b> , 39, 2353-2358	5
753	Integrative neuromuscular medicine: Neuropathy and neuropathic pain: Consider the alternatives. <b>2019</b> , 60, 124-136	7
752	Challenges in IBD Research: Environmental Triggers. <b>2019</b> , 25, S13-S23	35
751	Paving the Way to Precision Nutrition Through Metabolomics. <b>2019</b> , 6, 41	45
750	A randomized controlled trial contrasting the effects of 4 low-calorie sweeteners and sucrose on body weight in adults with overweight or obesity. <b>2019</b> , 109, 1288-1301	49
749	Effects of food additives on gut microbiota: friend or foe?. <b>2019</b> , 49, 955-964	5
748	Biomarker approaches to assessing intakes and health impacts of sweeteners: challenges and opportunities. <b>2019</b> , 78, 463-472	2
747	Low-calorie sweetener use, weight, and metabolic health among children: A mini-review. <b>2019</b> , 14, e12521	7
746	Self-Assembly of Artificial Sweetener Aspartame Yields Amyloid-like Cytotoxic Nanostructures. <b>2019</b> , 13, 6033-6049	15
745	Perspective: Public Health Nutrition Policies Should Focus on Healthy Eating, Not on Calorie Counting, Even to Decrease Obesity. <b>2019</b> , 10, 549-556	5
744	Associations between usual diet and gut microbiota composition: results from the Milieu Intérieur cross-sectional study. <b>2019</b> , 109, 1472-1483	41
743	Effects of single and combined toxic exposures on the gut microbiome: Current knowledge and future directions. <b>2019</b> , 312, 72-97	69
742	The acute effects of the non-nutritive sweeteners aspartame and acesulfame-K in UK diet cola on glycaemic response. <b>2019</b> , 70, 894-900	9
741	Interactions Between Food and Gut Microbiota: Impact on Human Health. <b>2019</b> , 10, 389-408	29
740	Gut Reactions: Breaking Down Xenobiotic-Microbiome Interactions. <b>2019</b> , 71, 198-224	135
739	[Microbiome, diabetes and heart: a novel link?]. <b>2019</b> , 44, 223-230	3
738	Structural variation in the gut microbiome associates with host health. <i>Nature</i> , <b>2019</b> , 568, 43-48	50.4 133
737	The rationale and design of the personal diet study, a randomized clinical trial evaluating a personalized approach to weight loss in individuals with pre-diabetes and early-stage type 2 diabetes. <b>2019</b> , 79, 80-88	10

736	Non-Nutritive Sweeteners and Their Implications on the Development of Metabolic Syndrome. <b>2019</b> , 11,	22
735	Bioproduction of the Recombinant Sweet Protein Thaumatin: Current State of the Art and Perspectives. <b>2019</b> , 10, 695	20
734	[Nutrition for diabetic patients (Update 2019)]. <b>2019</b> , 131, 54-60	
733	Bacterial $\beta$ -glucuronidase alleviates dextran sulfate sodium-induced colitis in mice: A possible crucial new diagnostic and therapeutic target for inflammatory bowel disease. <b>2019</b> , 513, 426-433	4
732	The Influence of the Gut Microbiome on Host Metabolism Through the Regulation of Gut Hormone Release. <b>2019</b> , 10, 428	107
731	Fucoidan from <i>Acaudina molpadioides</i> improves insulin resistance by altering gut microbiota dysfunction. <b>2019</b> , 57, 59-67	25
730	Low intake of digestible carbohydrates ameliorates duodenal absorption of carbohydrates in mice with glucose metabolism disorders induced by artificial sweeteners. <b>2019</b> , 99, 4952-4962	2
729	The effect of diet on hypertensive pathology: is there a link via gut microbiota-driven immunometabolism?. <b>2019</b> , 115, 1435-1447	31
728	Environmental (Lifestyle) Risk Factors for LADA. <b>2019</b> , 15, 178-187	13
727	Immunity, microbiota and kidney disease. <b>2019</b> , 15, 263-274	46
726	Effects of Sweeteners on the Gut Microbiota: A Review of Experimental Studies and Clinical Trials. <b>2019</b> , 10, S31-S48	121
725	Artificially Sweetened Beverages and Stroke, Coronary Heart Disease, and All-Cause Mortality in the Women's Health Initiative. <b>2019</b> , 50, 555-562	41
724	Artificial Sweeteners, Real Risks. <b>2019</b> , 50, 549-551	5
723	Gut Microbiota, Host Organism, and Diet Dialogue in Diabetes and Obesity. <b>2019</b> , 6, 21	89
722	Association Between Ultraprocessed Food Consumption and Risk of Mortality Among Middle-aged Adults in France. <b>2019</b> , 179, 490-498	142
721	Sweeteners modulate bioactivity of endothelial progenitor cells but not induce detrimental effects both on inflammation and behavioural changes. <b>2019</b> , 70, 725-737	3
720	Organophosphorus pesticide chlorpyrifos intake promotes obesity and insulin resistance through impacting gut and gut microbiota. <b>2019</b> , 7, 19	89
719	Análisis técnico de la posibilidad de la detección electroquímica de la sacarina, asistida por oxihidruído de vanadio. <b>2019</b> , 48, 170-180	

718	Non-nutritive Sweeteners Induce Hypothalamic ER Stress Causing Abnormal Axon Outgrowth. <b>2019</b> , 10, 876	2
717	Beneficial effects of novel hydrolysates produced by limited enzymatic broken rice on the gut microbiota and intestinal morphology in weaned piglets. <b>2019</b> , 62, 103560	8
716	Microbial evolution and ecological opportunity in the gut environment. <b>2019</b> , 286, 20191964	9
715	Low Calorie Sweeteners Differ in Their Physiological Effects in Humans. <b>2019</b> , 11,	27
714	Non-nutritive Sweeteners and Glycaemic Control. <b>2019</b> , 21, 49	7
713	Non-Caloric Artificial Sweeteners Modulate the Expression of Key Metabolic Genes in the Omnipresent Gut Microbe Escherichia coli. <b>2019</b> , 29, 43-56	4
712	Food additives: Assessing the impact of exposure to permitted emulsifiers on bowel and metabolic health - introducing the FADiets study. <b>2019</b> , 44, 329-349	33
711	Moderate intake of aspartame and sucralose with meals, but not fructose, does not exacerbate energy and glucose metabolism in estrogen-deficient rats. <b>2019</b> , 65, 223-231	4
710	The Role of the Gut Microbiome in Predicting Response to Diet and the Development of Precision Nutrition Models-Part I: Overview of Current Methods. <b>2019</b> , 10, 953-978	34
709	Metabolic Effects of the Sweet Protein MNEI as a Sweetener in Drinking Water. A Pilot Study of a High Fat Dietary Regimen in a Rodent Model. <b>2019</b> , 11,	3
708	The Use of Nonnutritive Sweeteners in Children. <b>2019</b> , 144,	27
707	Diet Associated with Inflammation and Alzheimer's Disease. <b>2019</b> , 3, 299-309	10
706	Monitoring type 2 diabetes from volatile faecal metabolome in Cushing's syndrome and single Afmid mouse models via a longitudinal study. <b>2019</b> , 9, 18779	8
705	The Gut Microbiome in Inflammatory Bowel Disease: Lessons Learned From Other Immune-Mediated Inflammatory Diseases. <b>2019</b> , 114, 1051-1070	26
704	Non-nutritive Sweeteners: Implications for Consumption in Athletic Populations. <b>2019</b> , 41, 112-126	
703	Translational Gastroenterology: The Future Is Now!. <b>2019</b> , 114, 697-699	1
702	Akkermansia muciniphila: a promising target for the therapy of metabolic syndrome and related diseases. <b>2019</b> , 17, 835-841	14
701	Dietary sugars and non-caloric sweeteners elicit different homeostatic and hedonic responses in the brain. <b>2019</b> , 60, 80-86	20

700	Editorial commentary: Cardiometabolic diseases and gut microbiota-removing the veil. <b>2019</b> , 29, 148-149	
699	Dietary soyasaponin attenuates 2,4-dinitrofluorobenzene-induced contact hypersensitivity via gut microbiota in mice. <b>2019</b> , 195, 86-95	10
698	Assessing the in vivo data on low/no-calorie sweeteners and the gut microbiota. <b>2019</b> , 124, 385-399	44
697	Microbiological In Vivo Production of CLNA as a Tool in the Regulation of Host Microbiota in Obesity Control. <b>2019</b> , 61, 369-394	2
696	Multilayered Interplay Between Fructose and Salt in Development of Hypertension. <b>2019</b> , 73, 265-272	10
695	Nutritional Influences on Bone Health. <b>2019</b> ,	
694	Ecotoxicity and environmental fates of newly recognized contaminants-artificial sweeteners: A review. <b>2019</b> , 653, 1149-1160	25
693	Genomic resolution of bacterial populations in saccharin and cyclamate degradation. <b>2019</b> , 658, 357-366	5
692	The Role of Dietary Nutrients in Inflammatory Bowel Disease. <b>2018</b> , 9, 3183	77
691	Activation of the sweet taste receptor T1R3 by sucralose attenuates VEGF-induced vasculogenesis in a cell model of the retinal microvascular endothelium. <b>2019</b> , 257, 71-81	11
690	Impact of the gut microbiota on chemical risk assessment. <b>2019</b> , 15, 109-113	13
689	Recycling fish skin for utilization in food industry as an effective emulsifier and foam stabilizing agent. <b>2019</b> , 44, 332-343	4
688	The Human Microbiome in Health and Disease. <b>2019</b> , 607-618	7
687	Diet, Microbiota, and Bone Health. <b>2019</b> , 143-168	1
686	Effect of different quantities of miracle fruit on sour and bitter beverages. <b>2019</b> , 99, 89-97	5
685	You are what you eat: diet, health and the gut microbiota. <b>2019</b> , 16, 35-56	492
684	Embracing microbes in exposure science. <b>2019</b> , 29, 1-10	14
683	The Food Additive Maltodextrin Promotes Endoplasmic Reticulum Stress-Driven Mucus Depletion and Exacerbates Intestinal Inflammation. <b>2019</b> , 7, 457-473	45

682	Metabolome analysis for investigating host-gut microbiota interactions. <b>2019</b> , 118 Suppl 1, S10-S22	54
681	Targeting the gut microbiota by dietary nutrients: A new avenue for human health. <b>2019</b> , 59, 181-195	22
680	Reducing sugar use in coffee while maintaining enjoyment: A randomized controlled trial. <b>2020</b> , 25, 586-597	1
679	Sugar-sweetened and artificially-sweetened beverages and changes in cognitive function in the SUN project. <b>2020</b> , 23, 946-954	8
678	Assessing the interactions between micropollutants and nanoparticles in engineered and natural aquatic environments. <b>2020</b> , 50, 135-215	17
677	Food processing, gut microbiota and the globesity problem. <b>2020</b> , 60, 1769-1782	19
676	Metabolic and behavioural effects of prenatal exposure to non-nutritive sweeteners: A systematic review and meta-analysis of rodent models. <b>2020</b> , 213, 112696	8
675	Non-nutritional sweeteners effects on endothelial vascular function. <b>2020</b> , 62, 104694	9
674	Incretins in obesity and diabetes. <b>2020</b> , 1461, 104-126	32
673	Non-Nutritive Sweeteners and their Effects on Human Health and the Gut Microbiome. <b>2020</b> , 676-684	2
672	Associations of diet soda and non-caloric artificial sweetener use with markers of glucose and insulin homeostasis and incident diabetes: the Strong Heart Family Study. <b>2020</b> , 74, 322-327	6
671	The hologenome concept of evolution: do mothers matter most?. <b>2020</b> , 127, 129-137	7
670	Association of artificially sweetened and sugar-sweetened soft drinks with $\beta$ cell function, insulin sensitivity, and type 2 diabetes: the Maastricht Study. <b>2020</b> , 59, 1717-1727	4
669	The effect of the artificial sweeteners on glucose metabolism in healthy adults: a randomized, double-blinded, crossover clinical trial. <b>2020</b> , 45, 606-612	14
668	Adaptation of the Gut Microbiota to Modern Dietary Sugars and Sweeteners. <b>2020</b> , 11, 616-629	38
667	Low-calorie sweeteners cause only limited metabolic effects in mice. <b>2020</b> , 318, R70-R80	5
666	Cardiovascular responses to a glucose drink in young male individuals with overweight/obesity and mild alterations in glucose metabolism, but without impaired glucose tolerance. <b>2020</b> , 59, 2747-2757	0
665	Prenatal low-dose DEHP exposure induces metabolic adaptation and obesity: Role of hepatic thiamine metabolism. <b>2020</b> , 385, 121534	21

664	Dietary prophage inducers and antimicrobials: toward landscaping the human gut microbiome. <b>2020</b> , 11, 721-734	23
663	Development of thin-film solid-phase microextraction coating and method for determination of artificial sweeteners in surface waters. <b>2020</b> , 211, 120714	14
662	The impact of food additives, artificial sweeteners and domestic hygiene products on the human gut microbiome and its fibre fermentation capacity. <b>2020</b> , 59, 3213-3230	27
661	Impact of Steviol Glycosides and Erythritol on the Human and Gut Microbiome. <b>2020</b> , 68, 13093-13101	10
660	The Western diet: a blind spot of eating disorder research?-a narrative review and recommendations for treatment and research. <b>2020</b> , 78, 579-596	13
659	Structural and functional characteristics of clustered amylopectin produced by glycogen branching enzymes having different branching properties. <b>2020</b> , 311, 125972	4
658	Health risk behaviours and allostatic load: A systematic review. <b>2020</b> , 108, 694-711	44
657	Do menu-labelling laws translate into results? The disparate impacts on population obesity and diabetes. <b>2020</b> , 52, 1592-1605	0
656	Diet and the microbiome in precision medicine. <b>2020</b> , 445-452	
655	Harnessing the microbiota for therapeutic purposes. <b>2020</b> , 20, 1482-1488	6
654	Effects of Sucralose Ingestion versus Sucralose Taste on Metabolic Responses to an Oral Glucose Tolerance Test in Participants with Normal Weight and Obesity: A Randomized Crossover Trial. <b>2019</b> , 12,	10
653	Attention-deficit/hyperactivity disorder symptoms and dietary habits in adulthood: A large population-based twin study in Sweden. <b>2020</b> , 183, 475-485	7
652	Non-Alcoholic Beverages, Old and Novel, and Their Potential Effects on Human Health, with a Focus on Hydration and Cardiometabolic Health. <b>2020</b> , 56,	5
651	Offspring Birth Weight Is Associated with Specific Preconception Maternal Food Group Intake: Data from a Linked Population-Based Birth Cohort. <b>2020</b> , 12,	0
650	Dietary Emulsifiers Directly Impact Adherent-Invasive E. coli Gene Expression to Drive Chronic Intestinal Inflammation. <b>2020</b> , 33, 108229	22
649	Effects of Artificial Sweetener Consumption on Glucose Homeostasis and Its Association with Type 2 Diabetes and Obesity. <b>2020</b> , 13, 775-785	3
648	What was First, Obesity or Inflammatory Bowel Disease? What Does the Gut Microbiota Have to Do with It?. <b>2020</b> , 12,	11
647	Imidacloprid disturbed the gut barrier function and interfered with bile acids metabolism in mice. <b>2020</b> , 266, 115290	16



646	Periodic Revisions of the International Choices Criteria: Process and Results. <b>2020</b> , 12,	0
645	SSAT State-of-the-Art Conference: Advancements in the Microbiome. <b>2021</b> , 25, 1885-1895	1
644	Inhibition of Experimental Colitis by Saccharin in Animals: Should We Dismiss or Raise Concerns Regarding Possible Adverse Effects of Saccharin on Human Gut Microbiota and Health?. <b>2020</b> , 26, e159-e160	
643	Gut Microbiota Metabolite Fights Against Dietary Polysorbate 80-Aggravated Radiation Enteritis. <b>2020</b> , 11, 1450	4
642	Neuroendocrine and Metabolic Effects of Low-Calorie and Non-Calorie Sweeteners. <b>2020</b> , 11, 444	10
641	The Gut Microbiota: How Does It Influence the Development and Progression of Liver Diseases. <b>2020</b> , 8,	12
640	The Effects of Non-Nutritive Artificial Sweeteners, Aspartame and Sucralose, on the Gut Microbiome in Healthy Adults: Secondary Outcomes of a Randomized Double-Blinded Crossover Clinical Trial. <b>2020</b> , 12,	16
639	Gut-on-chip: Recreating human intestine in vitro. <b>2020</b> , 11, 2041731420965318	13
638	Effets des polluants environnementaux et alimentaires sur le microbiote intestinal. <b>2020</b> , 55, 255-262	
637	The hidden hazardous effects of stevia and sucralose consumption in male and female albino mice in comparison to sucrose. <b>2020</b> , 28, 1290-1300	8
636	Nutritional and Botanical Approaches for Nonalcoholic Fatty Liver Disease. <b>2020</b> , 26, 246-254	
635	Harnessing the gut microbiota to promote metabolic health. <b>2020</b> , 78, 75-78	0
634	Integrative and quantitative bioenergetics: Design of a study to assess the impact of the gut microbiome on host energy balance. <b>2020</b> , 19, 100646	8
633	Posttraumatic Stress Disorder and the Gut Microbiome. <b>2020</b> ,	0
632	Food Additives, Gut Microbiota, and Irritable Bowel Syndrome: A Hidden Track. <b>2020</b> , 17,	13
631	Changes in Non-Nutritive Sweetener Consumption Patterns in Response to a Sugar-Sweetened Beverage Reduction Intervention. <b>2020</b> , 12,	1
630	Capsule robot for gut microbiota sampling using shape memory alloy spring. <b>2020</b> , 16, 1-14	12
629	How Food Affects Colonization Resistance Against Enteropathogenic Bacteria. <b>2020</b> , 74, 787-813	11

628	National wastewater reconnaissance of artificial sweetener consumption and emission in Australia. <b>2020</b> , 143, 105963	6
627	Consumption of non-nutritive sweeteners by pre-schoolers of the food and environment Chilean cohort (FECHIC) before the implementation of the Chilean food labelling and advertising law. <b>2020</b> , 19, 69	12
626	The Importance of Sweet Beverage Definitions When Targeting Health Policies-The Case of Switzerland. <b>2020</b> , 12,	4
625	Changing Global Epidemiology of Inflammatory Bowel Diseases: Sustaining Health Care Delivery Into the 21st Century. <b>2020</b> , 18, 1252-1260	65
624	Altered Metabolome of Lipids and Amino Acids Species: A Source of Early Signature Biomarkers of T2DM. <b>2020</b> , 9,	16
623	Sugary Drinks, Artificially-Sweetened Beverages, and Cardiovascular Disease in the NutriNet-Sant <sup>e</sup> Cohort. <b>2020</b> , 76, 2175-2177	4
622	Dietary simple sugars alter microbial ecology in the gut and promote colitis in mice. <b>2020</b> , 12,	46
621	The Gut Microbiome and Individual-Specific Responses to Diet. <b>2020</b> , 5,	22
620	How Does Our Brain Process Sugars and Non-Nutritive Sweeteners Differently: A Systematic Review on Functional Magnetic Resonance Imaging Studies. <b>2020</b> , 12,	2
619	Host Genetic Background and Gut Microbiota Contribute to Differential Metabolic Responses to Fructose Consumption in Mice. <b>2020</b> , 150, 2716-2728	6
618	Comparative effects of commonly used commercially available non-nutritive sweeteners on diabetes-related parameters in non-diabetic rats. <b>2020</b> , 44, e13453	2
617	Type 2 Diabetes Mellitus Associated with Obesity (Diabesity). The Central Role of Gut Microbiota and Its Translational Applications. <b>2020</b> , 12,	18
616	Low-energy sweeteners and cardiometabolic health: is there method in the madness?. <b>2020</b> , 112, 917-919	2
615	The evolving metabolic landscape of chromatin biology and epigenetics. <b>2020</b> , 21, 737-753	79
614	The development of metabolic endotoxemia is dependent on the type of sweetener and the presence of saturated fat in the diet. <b>2020</b> , 12, 1801301	18
613	Aspartame, acesulfame K and sucralose- influence on the metabolism of. <b>2020</b> , 8, 100072	6
612	Effects of Saccharin Consumption on Operant Responding for Sugar Reward and Incubation of Sugar Craving in Rats. <b>2020</b> , 9,	1
611	Consumption of a Beverage Containing Aspartame and Acesulfame K for Two Weeks Does Not Adversely Influence Glucose Metabolism in Adult Males and Females: A Randomized Crossover Study. <b>2020</b> , 17,	2

610 Zu dick? Auch Sie können abnehmen!. **2020,**

609 Associations of Ultra-Processed and Unprocessed/Minimally Processed Food Consumption with Peripheral and Central Hemodynamics, and Arterial Stiffness in Young Healthy Adults. **2020, 12,** 3

608 Quantitative SERS-Based Detection and Elimination of Mixed Hazardous Additives in Food Mediated by the Intrinsic Raman Signal of TiO<sub>2</sub> and Magnetic Enrichment. **2020, 8,** 16990-16999 11

607 Nutrition, Microbiota and Role of Gut-Brain Axis in Subjects with Phenylketonuria (PKU): A Review. **2020, 12,** 5

606 Effect of stevia on the gut microbiota and glucose tolerance in a murine model of diet-induced obesity. **2020, 96,** 7

605 Ultra-processed food consumption and indicators of obesity in the United Kingdom population (2008-2016). **2020, 15,** e0232676 52

604 The Relationship Between Gut Microbiota and Inflammatory Diseases: The Role of Macrophages. **2020, 11,** 1065 58

603 The Firmicutes/Bacteroidetes Ratio: A Relevant Marker of Gut Dysbiosis in Obese Patients?. **2020, 12,** 305

602 Potential Probiotic or Trigger of Gut Inflammation - The Janus-Faced Nature of Cannabidiol-Rich Cannabis Extract. **2020, 17,** 543-560 11

601 Oral Supplements of Combined Zhengchangsheng and Xylooligosaccharides Improve High-Fat Diet-Induced Obesity and Modulate the Gut Microbiota in Rats. **2020, 2020,** 9067821 9

600 Microbiota and cardiovascular disease risk: A scoping review. **2020, 159,** 104952 7

599 The dichotomous role of the gut microbiome in exacerbating and ameliorating neurodegenerative disorders. **2020, 20,** 673-686 15

598 A Guide to Diet-Microbiome Study Design. **2020, 7,** 79 34

597 Sugar and artificially sweetened beverages and risk of obesity, type 2 diabetes mellitus, hypertension, and all-cause mortality: a dose-response meta-analysis of prospective cohort studies. **2020, 35,** 655-671 27

596 Correlation and association analyses in microbiome study integrating multiomics in health and disease. **2020, 171,** 309-491 24

595 Intake of Non-Nutritive Sweeteners in Chilean Children after Enforcement of a New Food Labeling Law that Regulates Added Sugar Content in Processed Foods. **2020, 12,** 11

594 Impacts of foodborne inorganic nanoparticles on the gut microbiota-immune axis: potential consequences for host health. **2020, 17,** 19 53

593 Amyotrophic lateral sclerosis and intestinal microbiota-toward establishing cause and effect. **2020, 11,** 1833-1841 13

592	Beyond sweetness: The high-intensity sweeteners and farm animals. <b>2020</b> , 267, 114571	1
591	Microbiota and Lifestyle: A Special Focus on Diet. <b>2020</b> , 12,	42
590	Overuse of Non-caloric Sweeteners in Foods and Beverages in Chile: A Threat to Consumers' Free Choice?. <b>2020</b> , 7, 68	15
589	The effect of ultra-processed very low-energy diets on gut microbiota and metabolic outcomes in individuals with obesity: A systematic literature review. <b>2020</b> , 14, 197-204	14
588	Intense Sweeteners, Taste Receptors and the Gut Microbiome: A Metabolic Health Perspective. <b>2020</b> , 17,	6
587	Does an Apple a Day Also Keep the Microbes Away? The Interplay Between Diet, Microbiota, and Host Defense Peptides at the Intestinal Mucosal Barrier. <b>2020</b> , 11, 1164	9
586	Gut Microbiome Toxicity: Connecting the Environment and Gut Microbiome-Associated Diseases. <b>2020</b> , 8,	27
585	Preference of sweeteners among Saudi diabetes patients from a tertiary health care centre in Riyadh, Saudi Arabia. <b>2020</b> , 27, 947-952	1
584	Microbiome in toxicity and its modulation. <b>2020</b> , 127-138	1
583	Impact of food additives on the composition and function of gut microbiota: A review. <b>2020</b> , 99, 295-310	43
582	Dietary Carbohydrate Constituents Related to Gut Dysbiosis and Health. <b>2020</b> , 8,	17
581	Changes in Faecal Short-Chain Fatty Acids after Weight-Loss Interventions in Subjects with Morbid Obesity. <b>2020</b> , 12,	13
580	Development and Validation of Surveys to Estimate Food Additive Intake. <b>2020</b> , 12,	0
579	Nonalcoholic fatty liver disease, insulin resistance, and sweeteners: a literature review. <b>2020</b> , 15, 83-93	8
578	Maternal sucralose intake alters gut microbiota of offspring and exacerbates hepatic steatosis in adulthood. <b>2020</b> , 11, 1043-1063	11
577	Maternal low-dose aspartame and stevia consumption with an obesogenic diet alters metabolism, gut microbiota and mesolimbic reward system in rat dams and their offspring. <b>2020</b> , 69, 1807-1817	20
576	Long-term hexavalent chromium exposure facilitates colorectal cancer in mice associated with changes in gut microbiota composition. <b>2020</b> , 138, 111237	26
575	Artificial Sweeteners in Pig Feed: A Worldwide Survey and Case Study in Pig Farms in Tianjin, China. <b>2020</b> , 54, 4059-4067	11

574	Food additives: distribution and co-occurrence in 126,000 food products of the French market. <b>2020</b> , 10, 3980	33
573	An Integrated Metagenome Catalog Reveals New Insights into the Murine Gut Microbiome. <b>2020</b> , 30, 2909-2922.e6	44
572	Air pollution exposure is associated with the gut microbiome as revealed by shotgun metagenomic sequencing. <b>2020</b> , 138, 105604	43
571	Role of the Microbiome in Mediating Health Effects of Dietary Components. <b>2020</b> , 68, 12820-12835	8
570	Post-weaning exposure to high-sucrose diet induces early non-alcoholic fatty liver disease onset and progression in male mice: role of dysfunctional white adipose tissue. <b>2020</b> , 11, 509-520	0
569	The effect of diet drinks on caries among US children: Cluster analysis. <b>2020</b> , 151, 502-509	1
568	Sucralose Promotes Colitis-Associated Colorectal Cancer Risk in a Murine Model Along With Changes in Microbiota. <b>2020</b> , 10, 710	12
567	Distinct differences in gut microbial composition and functional potential from lean to morbidly obese subjects. <b>2020</b> , 288, 699-710	2
566	Artificial Sweeteners Disrupt Tight Junctions and Barrier Function in the Intestinal Epithelium through Activation of the Sweet Taste Receptor, T1R3. <b>2020</b> , 12,	11
565	Sweeter than its name: anti-inflammatory activities of Stevia rebaudiana. <b>2020</b> , 13, 286-309	3
564	Effects of a ready-to-eat cereal formula powder on glucose metabolism, inflammation, and gut microbiota in diabetic db/db mice. <b>2020</b> , 8, 4523-4533	2
563	3M-Brazzein as a Natural Sugar Substitute Attenuates Obesity, Metabolic Disorder, and Inflammation. <b>2020</b> , 68, 2183-2192	4
562	Chirality Transfer in Supramolecular Co-assembled Fibrous Material Enabling the Visual Recognition of Sucrose. <b>2020</b> , 2, 204-211	4
561	Effect of sucralose and aspartame on glucose metabolism and gut hormones. <b>2020</b> , 78, 725-746	11
560	Stevia vs. Sucrose: Influence on the Phytochemical Content of a Citrus-Maqui Beverage-A Shelf Life Study. <b>2020</b> , 9,	8
559	Short-Term Consumption of Sucralose with, but Not without, Carbohydrate Impairs Neural and Metabolic Sensitivity to Sugar in Humans. <b>2020</b> , 31, 493-502.e7	42
558	Blood Microbiota and Circulating Microbial Metabolites in Diabetes and Cardiovascular Disease. <b>2020</b> , 31, 835-847	29
557	Dietary Guidance From the International Organization for the Study of Inflammatory Bowel Diseases. <b>2020</b> , 18, 1381-1392	71

556	Perspective: Standards for Research and Reporting on Low-Energy ("Artificial") Sweeteners. <b>2020</b> , 11, 484-491	12
555	A Renal Clinician's Guide to the Gut Microbiota. <b>2020</b> , 30, 384-395	8
554	Structure-based screening for discovery of sweet compounds. <b>2020</b> , 315, 126286	16
553	Resveratrol alleviates temporomandibular joint inflammatory pain by recovering disturbed gut microbiota. <b>2020</b> , 87, 455-464	13
552	Consumption patterns of nonnutritive sweeteners among university students at a Caribbean institution. <b>2021</b> , 69, 719-724	1
551	Amyloid-Polyphenol Hybrid Nanofilaments Mitigate Colitis and Regulate Gut Microbial Dysbiosis. <b>2020</b> , 14, 2760-2776	34
550	Metabolomic Analysis of the Liver of a Dextran Sodium Sulfate-Induced Acute Colitis Mouse Model: Implications of the Gut-Liver Connection. <b>2020</b> , 9,	7
549	Exposure to air pollutants and the gut microbiota: a potential link between exposure, obesity, and type 2 diabetes. <b>2020</b> , 11, 1188-1202	33
548	Understanding the requirement to reformulate; science, health, consumer demand, regulation, and capability. <b>2020</b> , 1-28	
547	Consumption of non-nutritive sweeteners during pregnancy. <b>2020</b> , 223, 211-218	14
546	Gut Microbiome, Intestinal Permeability, and Tissue Bacteria in Metabolic Disease: Perpetrators or Bystanders?. <b>2020</b> , 12,	72
545	You Are What You Eat-The Relationship between Diet, Microbiota, and Metabolic Disorders-A Review. <b>2020</b> , 12,	70
544	Saccharin Supplementation Inhibits Bacterial Growth and Reduces Experimental Colitis in Mice. <b>2020</b> , 12,	4
543	Plausible Biological Interactions of Low- and Non-Calorie Sweeteners with the Intestinal Microbiota: An Update of Recent Studies. <b>2020</b> , 12,	21
542	Consumption of the Artificial Sweetener Acesulfame Potassium throughout Pregnancy Induces Glucose Intolerance and Adipose Tissue Dysfunction in Mice. <b>2020</b> , 150, 1773-1781	6
541	Chronic sucralose consumption induces elevation of serum insulin in young healthy adults: a randomized, double blind, controlled trial. <b>2020</b> , 19, 32	6
540	Resveratrol reduces obesity in high-fat diet-fed mice via modulating the composition and metabolic function of the gut microbiota. <b>2020</b> , 156, 83-98	37
539	Rebaudioside affords hepatoprotection ameliorating sugar sweetened beverage- induced nonalcoholic steatohepatitis. <b>2020</b> , 10, 6689	8

538 Nutritional optimization of reduced-sugar products and challenges. **2020**, 29-61

537 Food ingredients in human health: Ecological and metabolic perspectives implicating gut microbiota function. **2020**, 100, 103-117 4

536 Consumption of Diet Soda Sweetened with Sucralose and Acesulfame-Potassium Alters Inflammatory Transcriptome Pathways in Females with Overweight and Obesity. **2020**, 64, e1901166 9

535 Human microbiome and homeostasis: insights into the key role of prebiotics, probiotics, and symbiotics. **2021**, 61, 1415-1428 11

534 Sweet Taste Receptor Expression and Its Activation by Sucralose to Regulate Glucose Absorption in Mouse Duodenum. **2021**, 86, 540-545 6

533 Can we reduce autism-related gastrointestinal and behavior problems by gut microbiota based dietary modulation? A review. **2021**, 24, 327-338 9

532 Intake of Sugar-Sweetened and Low-Calorie Sweetened Beverages and Risk of Cardiovascular Disease: A Meta-Analysis and Systematic Review. **2021**, 12, 89-101 24

531 Dietary pattern, colonic microbiota and immunometabolism interaction: new frontiers for diabetes mellitus and related disorders. **2021**, 38, e14415 13

530 Ultra-processed food consumption and risk of obesity: a prospective cohort study of UK Biobank. **2021**, 60, 2169-2180 40

529 Gut microbiota composition in relation to intake of added sugar, sugar-sweetened beverages and artificially sweetened beverages in the Malmö Offspring Study. **2021**, 60, 2087-2097 8

528 Trends in artificial sweetener consumption: A 7-year wastewater-based epidemiology study in Queensland, Australia. **2021**, 754, 142438 12

527 Imperial Satiety Protocol: A new non-surgical weight-loss programme, delivered in a health care setting, produces improved clinical outcomes for people with obesity. **2021**, 23, 270-275 0

526 Harnessing D-arabinose isomerase for biological production of D-tagatose: Recent advances and its applications. **2021**, 107, 16-30 16

525 A review of the impact of xenobiotics from dietary sources on infant health: Early life exposures and the role of the microbiota. **2021**, 269, 115994 4

524 Sucralose Stimulates Mitochondrial Bioenergetics in Caco-2 Cells. **2020**, 7, 585484 2

523 Bifidobacterium longum counters the effects of obesity: Partial successful translation from rodent to human. **2021**, 63, 103176 19

522 Expression of functional plant sweet protein thaumatin II in the milk of transgenic mice. **2021**, 125, 222-227 0

521 Nutrition Claims on Fruit Drinks Are Inconsistent Indicators of Nutritional Profile: A Content Analysis of Fruit Drinks Purchased by Households With Young Children. **2021**, 121, 36-46.e4 9

520	A rational review on the effects of sweeteners and sweetness enhancers on appetite, food reward and metabolic/adiposity outcomes in adults. <b>2021</b> , 12, 442-465	4
519	Effect of short-term intake of four sweeteners on feed intake, solution consumption and neurotransmitters release on mice. <b>2021</b> , 58, 2227-2236	
518	Food as medicine: targeting the uraemic phenotype in chronic kidney disease. <b>2021</b> , 17, 153-171	41
517	Effects on weaned male Wistar rats after 104, 197, and 288 days of chronic consumption of nutritive and non-nutritive additives in water. <b>2021</b> , 58, 2349-2359	1
516	Sucralose can improve glucose tolerance and upregulate expression of sweet taste receptors and glucose transporters in an obese rat model. <b>2021</b> , 60, 1809-1817	1
515	Link between gut microbiome and cardiometabolic diseases. <b>2021</b> , 185-205	1
514	Low-calorie sweeteners in the human diet: scientific evidence, recommendations, challenges and future needs. A symposium report from the FENS 2019 conference. <b>2021</b> , 10, e7	1
513	Advances in Biotechnological Tools and Techniques for Metatranscriptomics. <b>2021</b> , 567-579	
512	Interactions of Food With the Microbiota of the Digestive Tract. <b>2021</b> , 1-1	
511	Effect of different sweeteners on the oral microbiota and immune system of Sprague Dawley rats. <b>2021</b> , 11, 8	3
510	The importance of genetic research on the dominant species of human intestinal indigenous microbiota. <b>2021</b> , 40, 19-26	0
509	Dynamics of Microbiomes. <b>2021</b> , 57-99	
508	Microbiota Interactions With Processed Foods, Food Additives and Metabolic Disorders. <b>2021</b> ,	
507	Investigating causality with fecal microbiota transplantation in rodents: applications, recommendations and pitfalls. <b>2021</b> , 13, 1941711	12
506	Implications of microbiota in the pathogenesis of diabetes mellitus and cardiovascular disease. <b>2021</b> , 159-184	
505	Sugar- and artificially-sweetened beverages and the risks of chronic kidney disease: a systematic review and dose-response meta-analysis. <b>2021</b> , 34, 1791-1804	1
504	Diabète de type II, non insulino-dépendant. <b>2021</b> , 149-160	
503	Strategies for Reducing Salt and Sugar Intakes in Individuals at Increased Cardiometabolic Risk. <b>2021</b> , 13,	7



502 **Āulcorants et obšit: 2021, 97-101**

501	High-dose saccharin supplementation does not induce gut microbiota changes or glucose intolerance in healthy humans and mice. <b>2021, 9, 11</b>	9
500	Fecal transplantation alleviates acute liver injury in mice through regulating Treg/Th17 cytokines balance. <b>2021, 11, 1611</b>	10
499	Polysaccharides on the gut microbiome and epigenome. <b>2021, 129-137</b>	1
498	Studies of xenobiotic-induced gut microbiota dysbiosis: from correlation to mechanisms. <b>2021, 13, 1921912</b>	1
497	The Impact of Artificial Sweeteners on Body Weight Control and Glucose Homeostasis. <b>2020, 7, 598340</b>	15
496	Sucralose enhances the susceptibility to dextran sulfate sodium (DSS) induced colitis in mice with changes in gut microbiota. <b>2021, 12, 9380-9390</b>	1
495	Nutrient Quality and Diversity in Foods for Optimal Nutrition. <b>2021, 689-696</b>	1
494	A cross-talk between gut microbiome, salt and hypertension. <b>2021, 134, 111156</b>	20
493	Emission and Mass Load of Artificial Sweeteners from a Pig Farm to Its Surrounding Environment: Contribution of Airborne Pathway and Biomonitoring Potential. <b>2021, 55, 2307-2315</b>	1
492	An Expanded Gene Catalog of Mouse Gut Metagenomes. <b>2021, 6,</b>	4
491	Nonnutritive sweeteners can promote the dissemination of antibiotic resistance through conjugative gene transfer. <b>2021, 15, 2117-2130</b>	41
490	Impaired Intestinal Akkermansia muciniphila and Aryl Hydrocarbon Receptor Ligands Contribute to Nonalcoholic Fatty Liver Disease in Mice. <b>2021, 6,</b>	5
489	Nutritional Components in Western Diet Versus Mediterranean Diet at the Gut Microbiota-Immune System Interplay. Implications for Health and Disease. <b>2021, 13,</b>	45
488	Consumption of sweeteners at different stages of life: effects on body mass, food and drink intake in male and female Wistar rats. <b>2021, 72, 935-946</b>	0
487	Diversity and dynamism of IgA-microbiota interactions. <b>2021, 21, 514-525</b>	31
486	Nutrition as Metabolic Treatment for Anxiety. <b>2021, 12, 598119</b>	4
485	Consumption of Ultra-Processed Foods Increases the Likelihood of Having Obesity in Korean Women. <b>2021, 13,</b>	7

484	Sucralose and Cardiometabolic Health: Current Understanding from Receptors to Clinical Investigations. <b>2021</b> , 12, 1500-1513	4
483	The sensory properties and metabolic impact of natural and synthetic sweeteners. <b>2021</b> , 20, 1554-1583	12
482	Degradation of the low-calorie sugar substitute 5-ketofructose by different bacteria. <b>2021</b> , 105, 2441-2453	2
481	Gut microbiota composition and arterial stiffness measured by pulse wave velocity: case-control study protocol (MIVAS study). <b>2021</b> , 11, e038933	
480	A Super Stable Mutant of the Plant Protein Monellin Endowed with Enhanced Sweetness. <b>2021</b> , 11,	3
479	Gut Microbiota of Chinese Obese Children and Adolescents With and Without Insulin Resistance. <b>2021</b> , 12, 636272	7
478	Gut Microbiota and Its Metabolite Deoxycholic Acid Contribute to Sucralose Consumption-Induced Nonalcoholic Fatty Liver Disease. <b>2021</b> , 69, 3982-3991	3
477	Diversity and functional landscapes in the microbiota of animals in the wild. <b>2021</b> , 372,	24
476	Mediterranean diet consumption affects the endocannabinoid system in overweight and obese subjects: possible links with gut microbiome, insulin resistance and inflammation. <b>2021</b> , 60, 3703-3716	9
475	Diet and the Microbiota-Gut-Brain Axis: Sowing the Seeds of Good Mental Health. <b>2021</b> , 12, 1239-1285	29
474	Interplay Between the Intestinal Microbiota and Acute Graft-Versus-Host Disease: Experimental Evidence and Clinical Significance. <b>2021</b> , 12, 644982	3
473	Consumption of artificially sweetened soft drinks and risk of gastrointestinal cancer: a meta-analysis of observational studies. <b>2021</b> , 24, 6122-6136	1
472	How Changes in the Nutritional Landscape Shape Gut Immunometabolism. <b>2021</b> , 13,	4
471	Dysbiosis in the Development of Type I Diabetes and Associated Complications: From Mechanisms to Targeted Gut Microbes Manipulation Therapies. <b>2021</b> , 22,	3
470	Direct impact of commonly used dietary emulsifiers on human gut microbiota. <b>2021</b> , 9, 66	19
469	Food additive-induced oxidative stress in rat male reproductive organs and hippocampus. <b>2021</b> , 701, 108810	1
468	Gut Microbiota and NAFLD: Pathogenetic Mechanisms, Microbiota Signatures, and Therapeutic Interventions. <b>2021</b> , 9,	14
467	Is it time to reconsider prophylactic antimicrobial use for hematopoietic stem cell transplantation? a narrative review of antimicrobials in stem cell transplantation. <b>2021</b> , 19, 1259-1280	1

466	Low-energy sweeteners and body weight: a citation network analysis. <b>2021</b> , 4, 319-332	2
465	The Effects of Non-Nutritive Sweetener Consumption in the Pediatric Populations: What We Know, What We Don't, and What We Need to Learn. <b>2021</b> , 12, 625415	3
464	Effects of Non-Nutritive Sweeteners on Energy Intake, Body Weight and Postprandial Glycemia in Healthy and with Altered Glycemic Response Rats. <b>2021</b> , 10,	0
463	Soft drinks and sweeteners intake: Possible contribution to the development of metabolic syndrome and cardiovascular diseases. Beneficial or detrimental action of alternative sweeteners?. <b>2021</b> , 142, 110220	4
462	Microbiome research in general and business newspapers: How many microbiome articles are published and which study designs make the news the most?. <b>2021</b> , 16, e0249835	3
461	The pregnane X receptor drives sexually dimorphic hepatic changes in lipid and xenobiotic metabolism in response to gut microbiota in mice. <b>2021</b> , 9, 93	3
460	The complex relationship between metabolic syndrome and sweeteners. <b>2021</b> , 86, 1511-1531	2
459	Bacterial-fungal interactions in the neonatal gut influence asthma outcomes later in life. <b>2021</b> , 10,	3
458	A Comparative Pilot Study of Bacterial and Fungal Dysbiosis in Neurodevelopmental Disorders and Gastrointestinal Disorders: Commonalities, Specificities and Correlations with Lifestyle. <b>2021</b> , 9,	1
457	Long-term dietary patterns are associated with pro-inflammatory and anti-inflammatory features of the gut microbiome. <b>2021</b> , 70, 1287-1298	50
456	Association between intake of sweetened beverages with all-cause and cause-specific mortality: a systematic review and meta-analysis. <b>2021</b> ,	3
455	Dysbacteriosis induces abnormal neurogenesis via LPS in a pathway requiring NF- $\kappa$ B/IL-6. <b>2021</b> , 167, 105543	4
454	Prevalence of Metabolic Syndrome in Children and Adolescents with Type 1 Diabetes Mellitus and Possibilities of Prevention and Treatment: A Systematic Review. <b>2021</b> , 13,	4
453	The consumption of low-calorie sweetener containing foods during pregnancy: results from the ROLO study. <b>2021</b> ,	
452	An Overview of Current Knowledge of the Gut Microbiota and Low-Calorie Sweeteners. <b>2021</b> , 56, 105-113	1
451	Sugar reduction in products targeted at children: Why are we not there yet?. <b>2021</b> , 36, e12666	2
450	Artificial Sweeteners Negatively Regulate Pathogenic Characteristics of Two Model Gut Bacteria, and. <b>2021</b> , 22,	8
449	Human and preclinical studies of the host-gut microbiome co-metabolite hippurate as a marker and mediator of metabolic health. <b>2021</b> , 70, 2105-2114	13

448	Factors Affecting Gut Microbiome in Daily Diet. <b>2021</b> , 8, 644138	3
447	Effect of Vitamin A Supplementation on Growth Performance, Serum Biochemical Parameters, Intestinal Immunity Response and Gut Microbiota in American Mink (). <b>2021</b> , 11,	0
446	Gut-Lung Dysbiosis Accompanied by Diabetes Mellitus Leads to Pulmonary Fibrotic Change through the NF- $\kappa$ B Signaling Pathway. <b>2021</b> , 191, 838-856	6
445	Estimated assessment of dietary exposure to artificial sweeteners from processed food in Nanjing, China. <b>2021</b> , 38, 1105-1117	3
444	Determining Gut Microbial Dysbiosis: a Review of Applied Indexes for Assessment of Intestinal Microbiota Imbalances. <b>2021</b> , 87,	9
443	The Effects of Nonnutritive Sweeteners on the Cariogenic Potential of Oral Microbiome. <b>2021</b> , 2021, 9967035	1
442	Sugar-Sweetened Beverages, Artificially Sweetened Beverages, and Breast Cancer Risk: Results From 2 Prospective US Cohorts. <b>2021</b> , 151, 2768-2779	2
441	Integrated Metagenomic and Transcriptomic Analyses Reveal the Dietary Dependent Recovery of Host Metabolism From Antibiotic Exposure. <b>2021</b> , 9, 680174	0
440	Mediterranean Diet to Prevent the Development of Colon Diseases: A Meta-Analysis of Gut Microbiota Studies. <b>2021</b> , 13,	6
439	Stevia, sucralose and sucrose added to a maqui-Citrus beverage and their effects on glycemic response in overweight subjects: A randomized clinical trial. <b>2021</b> , 144, 111173	6
438	Host genetic control of gut microbiome composition. <b>2021</b> , 32, 263-281	5
437	Development of tropical mixed juice with low added-sugar content: Sensory and nutritional aspects. <b>2021</b> , 10820132211020844	1
436	Aspartame-True or False? Narrative Review of Safety Analysis of General Use in Products. <b>2021</b> , 13,	4
435	Machine learning in clinical decision making.. <b>2021</b> , 2, 642-665	9
434	Acute and Sub-Chronic Exposure to Artificial Sweeteners at the Highest Environmentally Relevant Concentration Induce Less Cardiovascular Physiology Alterations in Zebrafish Larvae. <b>2021</b> , 10,	1
433	A probiotic has differential effects on allergic airway inflammation in A/J and C57BL/6 mice and is correlated with the gut microbiome. <b>2021</b> , 9, 134	4
432	Effect of a diet containing a mixture of soybean isoflavones and soyasaponins on contact hypersensitivity and gut microbiota in mice. <b>2021</b> , 2, 316-323	0
431	Dietary Habits and Gut Microbiota in Healthy Adults: Focusing on the Right Diet. A Systematic Review. <b>2021</b> , 22,	3

430 Consistent changes in the intestinal microbiota of Atlantic salmon fed insect meal diets.

429 Endocrine Disorders in Autoimmune Rheumatological Diseases: A Focus on Thyroid Autoimmune Diseases and on the Effects of Chronic Glucocorticoid Treatment. **2021**, 2, 171-184

428 Effects on cardiometabolic risk factors after reduction of artificially sweetened beverage consumption in overweight subjects. A randomised controlled trial. **2021**, 69, 168-168

427 Machine Learning Uncovers Adverse Drug Effects on Intestinal Bacteria. **2021**, 13,

12

426 Dry eye disease: an (in)convenient truth. **2021**, 1-8

0

425 Low dose antibiotic ingestion potentiates systemic and microbiome changes induced by silver nanoparticles.. **2021**, 23, 100343

424 Fructose- and sucrose- but not glucose-sweetened beverages promote hepatic de novo lipogenesis: A randomized controlled trial. **2021**, 75, 46-54

21

423 Do Gut Microbes Taste?. **2021**, 13,

7

422 Emerging trends and focus of human gastrointestinal microbiome research from 2010-2021: a visualized study. **2021**, 19, 327

2

421 Tributyltin exposure leads to increased adiposity and reduced abundance of leptogenic bacteria in the zebrafish intestine.

0

420 A Fit-for-Purpose Nutrient Profiling Model to Underpin Food and Nutrition Policies in South Africa. **2021**, 13,

1

419 Rationale and design of DRINK-T1D: A randomized clinical trial of effects of low-calorie sweetener restriction in children with type 1 diabetes. **2021**, 106, 106431

1

418 Unravelling molecular transformation of dissolved effluent organic matter in UV/HO<sub>2</sub>, UV/persulfate, and UV/chlorine processes based on FT-ICR-MS analysis. **2021**, 199, 117158

16

417 Influences of food contaminants and additives on gut microbiota as well as protective effects of dietary bioactive compounds. **2021**, 113, 180-192

2

416 Molecular Mechanism of Microbiota Metabolites in Preterm Birth: Pathological and Therapeutic Insights. **2021**, 22,

4

415 Sugar- and Artificially Sweetened Beverages Consumption Linked to Type 2 Diabetes, Cardiovascular Diseases, and All-Cause Mortality: A Systematic Review and Dose-Response Meta-Analysis of Prospective Cohort Studies. **2021**, 13,

3

414 Microbiome analysis reveals gut microbiota alteration in mice with the effect of matrine. **2021**, 156, 104926

2

413 Gut microbiome and its potential link to personalized nutrition. **2021**, 22, 100439

3

412	Saccharin and Sucralose Protect the Glomerular Microvasculature In Vitro against VEGF-Induced Permeability. <b>2021</b> , 13,	0
411	Obesity as the 21st Century's major disease: The role of probiotics and prebiotics in prevention and treatment. <b>2021</b> , 42, 101115	7
410	Acesulfame potassium induces dysbiosis and intestinal injury with enhanced lymphocyte migration to intestinal mucosa. <b>2021</b> , 36, 3140-3148	2
409	Use of non-nutritive-sweetened soft drink and risk of gestational diabetes. <b>2021</b> , 178, 108943	1
408	The effect of aspartame and sucralose intake on body weight measures and blood metabolites: role of their form (solid and/or liquid) of ingestion. <b>2021</b> , 1-9	0
407	Antibiotic administration exacerbates acute graft vs. host disease-induced bone marrow and spleen damage in lymphopenic mice. <b>2021</b> , 16, e0254845	0
406	Integrating Dietary Data into Microbiome Studies: A Step Forward for Nutri-Metaomics. <b>2021</b> , 13,	1
405	Rethinking sugar reduction in processed foods. <b>2021</b> , 40, 58-66	6
404	GeGen QinLian decoction alleviate influenza virus infectious pneumonia through intestinal flora. <b>2021</b> , 141, 111896	3
403	Uncalculated first-party externalities given a beverage tax.	
402	Metabolic syndrome in combination with chronic kidney disease-It's a gut feeling. <b>2021</b> , 290, 1108-1111	0
401	Holistic perspective of the role of gut microbes in diabetes mellitus and its management. <b>2021</b> , 12, 1463-1478	1
400	The role of precision nutrition in the modulation of microbial composition and function in people with inflammatory bowel disease. <b>2021</b> , 6, 754-769	5
399	Intake of artificial sweeteners among adults is associated with reduced odds of gastrointestinal luminal cancers: a meta-analysis of cohort and case-control studies. <b>2021</b> , 93, 87-98	1
398	Association of Sugar-sweetened Beverage Consumption with Prediabetes and Glucose Metabolism Markers in Hispanic/Latino Adults in the United States: Results from HCHS/SOL. <b>2021</b> ,	1
397	Non-Nutritive Sweeteners in Human Amniotic Fluid and Cord Blood: Evidence of Transplacental Fetal Exposure. <b>2021</b> ,	1
396	Type 2 Diabetes and Dietary Carbohydrate Intake of Adolescents and Young Adults: What Is the Impact of Different Choices?. <b>2021</b> , 13,	0
395	Chronic consumption of sweeteners in mice and its effect on the immune system and the small intestine microbiota. <b>2021</b> , 41, 504-530	1

394	Inhibitory Effects of Artificial Sweeteners on Bacterial Quorum Sensing. <b>2021</b> , 22,	3
393	Effects and relevant mechanisms of non-antibiotic factors on the horizontal transfer of antibiotic resistance genes in water environments: A review. <b>2022</b> , 806, 150568	6
392	When Pathobiont-Carbohydrate Interaction Turns Bittersweet!. <b>2021</b> , 12, 1509-1510	1
391	Substitution of Sugar-Sweetened Beverages for Other Beverages: Can It Be the Next Step Towards Healthy Aging?. <b>2021</b> , 1	1
390	Artificial sweeteners stimulate horizontal transfer of extracellular antibiotic resistance genes through natural transformation. <b>2021</b> ,	8
389	Nutritional Implications of Patients with Dysautonomia and Hypermobility Syndromes. <b>2021</b> , 1	0
388	Credibility of scientific information on social media: Variation by platform, genre and presence of formal credibility cues. 1-18	0
387	Sex-specific effects of the microbiota on adult carbohydrate intake and body composition in a polyphagous fly. <b>2021</b> , 134, 104308	1
386	Microbiome reduction prevents lipid accumulation during early diapause in the northern house mosquito, <i>Culex pipiens pipiens</i> . <b>2021</b> , 134, 104295	3
385	Removal of saccharin by UV/persulfate process: Degradation kinetics, mechanism and DBPs formation. <b>2021</b> , 420, 113482	2
384	Diet-Induced Alterations in Gut Microbiota Composition and Function. <b>2022</b> ,	1
383	Effect of diet, pharmaceuticals, and environmental toxicants on gut microbiota imbalance and increased intestinal membrane permeability. <b>2021</b> , 403-413	
382	The role of the gut microbiome and diet in the pathogenesis of non-alcoholic fatty liver disease. <b>2021</b> , 27, 22-43	14
381	Dysbiosis, Small Intestinal Bacterial Overgrowth, and Chronic Diseases. <b>2021</b> , 334-362	0
380	Effects of prenatal artificial sweeteners consumption on birth outcomes: a systematic review and meta-analysis. <b>2021</b> , 24, 5024-5033	3
379	Functional hydrocolloids, gut microbiota and health: picking food additives for personalized nutrition. <b>2021</b> , 45,	5
378	Changes in nutrient and calorie intake, adipose mass, triglycerides and TNF- $\alpha$ concentrations after non-caloric sweetener intake: A pilot study. <b>2021</b> , 91, 87-98	2
377	Biological effects of stevia, sucralose and sucrose in citrus-maqui juices on overweight subjects. <b>2021</b> , 12, 8535-8543	1

376	PROCESSED FOOD AND FOOD ADDITIVES IN THE CONTEXT OF DYSBIOSIS AND ITS HEALTH CONSEQUENCES. <b>2021</b> , 60, 223-230	
375	Mental stress and physical activity interact with the genetic risk scores of the genetic variants related to sweetness preference in high sucrose-containing food and glucose tolerance. <b>2020</b> , 8, 3492-3503	1
374	Invasions of Host-Associated Microbiome Networks. <b>2017</b> , 201-281	12
373	Critical review of the current literature on the safety of sucralose. <b>2017</b> , 106, 324-355	49
372	Small intestinal physiology relevant to bariatric and metabolic endoscopic therapies: Incretins, bile acid signaling, and gut microbiome. <b>2020</b> , 22, 109-119	3
371	In search for an alternative to sugar to reduce obesity. <b>2019</b> , 89, 113-117	6
370	Resveratrol-induced gut microbiota reduces obesity in high-fat diet-fed mice. <b>2020</b> , 44, 213-225	98
369	Maternal consumption of artificially sweetened beverages during pregnancy is associated with infant gut microbiota and metabolic modifications and increased infant body mass index. <b>2021</b> , 13, 1-15	11
368	Metabolic networks of the human gut microbiota. <b>2020</b> , 166, 96-119	13
367	Combining 16S rRNA gene variable regions enables high-resolution microbial community profiling.	2
366	Metabologenomics identified fecal biomarkers for bowel movement regulation by <i>Bifidobacterium longum</i> capsules: an RCT.	1
365	Influence of the artificial sodium saccharin sweetener Sucram <sup>®</sup> on the microbial community composition in the rumen content and attached to the rumen epithelium in dairy cattle: A pilot study.	1
364	An atlas of robust microbiome associations with phenotypic traits based on large-scale cohorts from two continents.	7
363	An expanded gene catalog of the mouse gut metagenome.	1
362	An integrated metagenome catalog reveals novel insights into the murine gut microbiome.	5
361	The gut microbiome and metabolic syndrome. <b>2019</b> , 129, 4050-4057	173
360	Recent advances in modulating the microbiome. <b>2020</b> , 9,	23
359	Artificially Sweetened Beverages and the Response to the Global Obesity Crisis. <b>2017</b> , 14, e1002195	67



358	Sweetened beverages and risk of frailty among older women in the Nurses' Health Study: A cohort study. <b>2020</b> , 17, e1003453	2
357	Assessing gene-environment interaction effects of FTO, MC4R and lifestyle factors on obesity using an extreme phenotype sampling design: Results from the HUNT study. <b>2017</b> , 12, e0175071	19
356	Long term rebaudioside A treatment does not alter circadian activity rhythms, adiposity, or insulin action in male mice. <b>2017</b> , 12, e0177138	4
355	Effect of developmental NMDAR antagonism with CGP 39551 on aspartame-induced hypothalamic and adrenal gene expression. <b>2018</b> , 13, e0194416	2
354	Food additives and microbiota. <b>2020</b> , 7, 192-200	11
353	Food Additive P-80 Impacts Mouse Gut Microbiota Promoting Intestinal Inflammation, Obesity and Liver Dysfunction. <b>2016</b> , 4,	35
352	GIDA KATKI MADDELERİN MİKROBİYOTA ÜZERİNE ETKİSİ 1030-1046	3
351	Gut carbohydrate inhibits GIP secretion via a microbiota/SCFA/FFAR3 pathway. <b>2018</b> , 239, 267-276	17
350	Combined effect of glyphosate, saccharin and sodium benzoate on the gut microbiota of rats. <b>2019</b> , 10, 228-232	7
349	The improvement of large High-Density Lipoprotein (HDL) particle levels, and presumably HDL metabolism, depend on effects of low-carbohydrate diet and weight loss. <b>2016</b> , 15, 166-76	4
348	Sugars and Sweeteners: Structure, Properties and In Silico Modeling. <b>2020</b> , 27, 5-22	1
347	The Potential Use of Grape Phytochemicals for Preventing the Development of Intestine-Related and Subsequent Inflammatory Diseases. <b>2019</b> , 19, 794-802	3
346	Monosodium L-glutamate and fats change free fatty acid concentrations in intestinal contents and affect free fatty acid receptors express profile in growing pigs. <b>2019</b> , 63,	1
345	GUT MICROBIOTA ALTERATIONS BY NUTRITIONAL SUPPLEMENT IMUREGEN. <b>2020</b> , 89, 114-125	1
344	Trick or Treat? How Artificial Sweeteners Affect the Brain and Body. 7,	1
343	Role of bile acids in carcinogenesis of pancreatic cancer: An old topic with new perspective. <b>2016</b> , 22, 7463-77	43
342	Analytical difficulties for determination of acesulfame K in chocolate products. <b>2020</b> , 67, 105-110	3
341	Revisiting the Bacterial Phylum Composition in Metabolic Diseases Focused on Host Energy Metabolism. <b>2020</b> , 44, 658-667	5

340	Artificial sweeteners as a sugar substitute: Are they really safe?. <b>2016</b> , 48, 237-40	26
339	Gut Microbiota in Type 2 Diabetes Individuals and Correlation with Monocyte Chemoattractant Protein1 and Interferon Gamma from Patients Attending a Tertiary Care Centre in Chennai, India. <b>2016</b> , 20, 523-30	20
338	Artificial Sweeteners as a Cause of Obesity: Weight Gain Mechanisms and Current Evidence. <b>2018</b> , 10, 700-717	4
337	The Hologenome Concept of Evolution: Medical Implications. <b>2019</b> , 10,	9
336	Importance of nutritional therapy in the management of intestinal diseases: beyond energy and nutrient supply. <b>2019</b> , 17, 443-454	5
335	Natural Compounds in the Modulation of the Intestinal Microbiota: Implications in Human Physiology and Pathology.	0
334	Non-nutritive Sweeteners and Their Associations with Obesity and Type 2 Diabetes. <b>2020</b> , 29, 114-123	5
333	Composition, taxonomy and functional diversity of the oropharynx microbiome in individuals with schizophrenia and controls. <b>2015</b> , 3, e1140	154
332	Ultra-processed foods. <b>2021</b> ,	
331	Animal- and Plant-Based Food for Health and Longevity. <b>2021</b> , 155-177	
330	Sweeteners: sensory properties, digestion, consumption trends, and health effects. <b>2021</b> ,	1
329	Artificial Sweeteners: History and New Concepts on Inflammation. <b>2021</b> , 8, 746247	5
328	Bacterial metabolites and cardiovascular risk in children with chronic kidney disease. <b>2021</b> , 8, 17	0
327	Exposure to food additive mixtures in 106,000 French adults from the NutriNet-Santé cohort. <b>2021</b> , 11, 19680	8
326	Chronic consumption of food-additives lead to changes via microbiota gut-brain axis. <b>2021</b> , 464, 153001	2
325	Dental Erosion: Effect of Diet Drink Consumption on Permanent Dentition. <b>2021</b> , 23800844211048478	0
324	Associations of maternal non-nutritive sweetener intake during pregnancy with offspring body mass index and body fat from birth to adolescence. <b>2021</b> ,	1
323	Empfehlungen zur Ernährung von Personen mit Typ-2-Diabetes mellitus. <b>2021</b> , 16, S255-S289	0

322 Low Calorie Sweeteners and Weight Management. **2015**, 481-494

321 Der Fußdruck des Menschen im Wasser: Spurenstoffe als Risiko für Mensch und Umwelt?. **2016**, 207-223

320 Brazzein: A Natural Sweetener. **2016**, 1-17

319 Supplements/Diet/Other Integrative Method Vernacular and Controversies from A to Z: What is the Latest or Greatest, or Not So Great?!. **2016**, 343-383

318 Non-nutritive Sweeteners and Their Role in the Gastrointestinal Tract. **2016**, 1-16

317 Épidémiologie de diabète, des anciennes aux nouvelles pistes. **2016**, 12, 12-15

316 The Role of Dietary Sugars and Sweeteners in Metabolic Disorders and Diabetes. **2016**, 1-19

315 Saccharin [How Sweet It Is. **2016**, 659-664

314 Early Microbe Contact in Defining Child Metabolic Health and Obesity Risk. **2016**, 369-389

313 Anticipating Diabetes, Obesity and Polycystic Ovarian Syndrome and Applying Integrative Techniques Using Functional and Oriental Medicine. **2017**, 293-307

312 Digestive Health. **2016**, 129-142

311 Basic Immunobiology. **2017**, 1-93

310 Effect of Sucralose on Glucose Uptake in Rat L6 Myotubes. **2017**, 21, 162-165

309 Brazzein: A Natural Sweetener. **2017**, 1-17

308 Cranberry in the prophylaxis of urinary tract infections in patients with multiple sclerosis and intermittent catheterization. A pilot placebo-controlled trial. **2017**, 18, 77-80

1

307 The Effect of Chewing a Sugar-Free Gum After Oatmeal on the Postprandial Glycaemia [A Cross-Over Study. **2017**, 24, 127-135

306 Interactions between species introduce spurious associations in microbiome studies.

305 Multi-Omic Predictors of Steatohepatitis and Advanced Fibrosis in Children.

304 Süßungsmittel und Zucker. **2019**, 141-152

303 Host Genetic Background and Gut Microbiota Contribute to Differential Metabolic Responses to Fructose Consumption in Mice.

302 Les Édulcorants sont-ils dangereux?. **2018**, 14, 25-28

301 Nutritional Optimisation Through Reductions of Salt, Fat, Sugar and Nitrite Using Sensory and Consumer-Driven Techniques. **2019**, 111-126

1

300 Obesity in Kidney Disease. **2019**, 265-275

299 [Use of artificial sweeteners in Brazil: a household survey approach]. **2019**, 35, e00010719

2

298 Short-term consumption of sucralose with, but not without, carbohydrate impairs neural and metabolic sensitivity to sugar.

297 Adverse Effects of Saccharum officinarum Molasses on Rat Testicular Cells. **2018**, 3, 001-008

0

296 [The controversial effects of low-calorie sweeteners]. **2020**, 36, 472-478

295 Effects of high and low sucrose-containing beverages on blood glucose and hypoglycemic-like symptoms. **2020**, 222, 112916

1

294 An effect of food additives on microbiome. **2021**, 6, 259-268

293 Impact of a 7-day homogeneous diet on interpersonal variation in human gut microbiomes and metabolomes.

292 Characterization of the gut microbiome in a porcine model of thoracic spinal cord injury. **2021**, 22, 775

3

291 The Anthropocentric Illusion. **2020**, 391-429

290 Information displayed on Brazilian food bar labels points to the need to reformulate the current food labelling legislation. **2022**, 370, 131318

0

289 Effect of Ingestion of Palm Sugar from Cambodia on the Blood Glucose Response in Mice. **2020**, 73, 237-245

288 What We Know and Don't About High-Intensity Sweeteners. **2020**, 529-539

287 Etiopathogenesis of NAFLD: Diet, Gut, and NASH. **2020**, 73-95

286	Metabarcoding reveals that a non-nutritive sweetener and sucrose yield similar gut microbiota patterns in Wistar rats. <b>2020</b> , 43, e20190028	0
285	[Non-caloric sweeteners in women of reproductive age - A consensus document]. <b>2020</b> , 37, 211-222	1
284	Determining the rational concentration of dry demineralized whey in a formulation for marzipan pastes. <b>2020</b> , 1, 22-33	0
283	Actitudes de madres de preescolares ante la implementación de la ley de etiquetado nutricional en Chile. <b>2020</b> , 69, 165-173	0
282	Consumption of artificially sweetened beverages during pregnancy impacts infant gut microbiota and body mass index.	
281	Prevalence of Chronic Diseases and Alterations of Gut Microbiome in People of Ningxia China During Urbanization: An Epidemiological Survey. <b>2021</b> , 11, 707402	1
280	Over-feeding the gut microbiome: A scoping review on health implications and therapeutic perspectives. <b>2021</b> , 27, 7041-7064	3
279	A neural network-based framework to understand the Type 2 Diabetes (T2D)-related alteration of the human gut microbiome.	
278	Antimicrobial emulsifier $\alpha$ -glycerol monolaurate impacts gut microbiome inducing distinct effects on metabolic syndrome in low-fat diet fed mice.	
277	Obesity and Metabolic Disease After Childhood Cancer. <b>2015</b> , 29, 849-55	23
276	American Academy of Pain Medicine and Integrative Healthcare Symposium. <b>2016</b> , 41, 254-7	
275	Importance of Nutrients and Nutrient Metabolism on Human Health. <b>2018</b> , 91, 95-103	19
274	Tangnaikang Alleviates Hyperglycemia and Improves Gut Microbiota in Diabetic Mice. <b>2021</b> , 2021, 1089176	1
273	Obesogens: How They Are Identified and Molecular Mechanisms Underlying Their Action.. <b>2021</b> , 12, 780888	6
272	Emerging technologies and their impact on regulatory science. <b>2021</b> , 15353702211052280	3
271	Randomized controlled-feeding study of dietary emulsifier carboxymethylcellulose reveals detrimental impacts on the gut microbiota and metabolome. <b>2021</b> ,	15
270	Investigating mechanism of sweetness intensity differences through dynamic analysis of sweetener-T1R2-membrane systems.. <b>2021</b> , 374, 131807	2
269	Saccharin Stimulates Insulin Secretion Dependent on Sweet Taste Receptor-Induced Activation of PLC Signaling Axis.. <b>2022</b> , 10,	0

268	Intestinal Taxa Abundance and Diversity in Inflammatory Bowel Disease Patients: An Analysis including Covariates and Confounders.. <b>2022</b> , 14,	1
267	The Influence of the Western Diet on Microbiota and Gastrointestinal Immunity.. <b>2022</b> ,	0
266	An excellent adsorption performance of acesulfame and saccharin from water on porous carbon derived from zinc-based MOFs: The role of surface chemistry and hierarchical pore structure. <b>2022</b> , 10, 107114	2
265	Food obesogens as emerging metabolic disruptors; a toxicological insight. <b>2021</b> , 217, 106042	0
264	Engineering of a UDP-Glycosyltransferase for the Efficient Whole-Cell Biosynthesis of Siamenoside I in .. <b>2022</b> , 70, 1601-1609	1
263	Double blind placebo-controlled trial for the prevention of ulcerative colitis relapses by Ffructan prebiotics: efficacy and metabolomic analysis.	0
262	Gut Microbiome as Potential Source for Prevention of Metabolic-Related Diseases. <b>2022</b> , 407-440	
261	Comprehensive assessment of functional effects of commonly used sweeteners on ex vivo human gut microbiome.	0
260	Multimodal interactions of drugs, natural compounds and pollutants with the gut microbiota.. <b>2022</b>	6
259	Why the "sugars" in traditional Unani formulations are a pivotal component: A viewpoint perspective.. <b>2022</b> ,	0
258	A Metagenomics Investigation of Intergenerational Effects of Non-nutritive Sweeteners on Gut Microbiome.. <b>2021</b> , 8, 795848	1
257	Consistent changes in the intestinal microbiota of Atlantic salmon fed insect meal diets.. <b>2022</b> , 4, 8	1
256	Gut Dysbiosis in Insomnia and Diurnal Cycle. <b>2022</b> , 179-209	
255	The Relationships between Gut Microbiota and Diabetes Mellitus, and Treatments for Diabetes Mellitus.. <b>2022</b> , 10,	1
254	Effect of oral and intraperitoneal administration of walnut-derived pentapeptide PW5 on cognitive impairments in APP/PS1 mice.. <b>2022</b> , 180, 191-191	0
253	Dissecting ultra-processed foods and drinks: Do they have a potential to impact the brain?. <b>2022</b> , 1	2
252	Gut microbiota and obesity: an overview of microbiota to microbial-based therapies.. <b>2022</b> ,	2
251	Semiosis. <b>2021</b> , 189-223	

250	Nutritionism in a food policy context: the case of animal protein	2022,	1
249	Role of Food Additives and Intestinal Microflora in Colorectal Cancer.	2022, 307-324	0
248	Food processing groups and colorectal cancer risk in Morocco: evidence from a nationally representative case-control study..	2022, 1	1
247	Low Dose of Sucralose Alter Gut Microbiome in Mice..	2022, 9, 848392	2
246	Role of Dietary Supplements and Probiotics in Modulating Microbiota and Bone Health: The Gut-Bone Axis..	2022, 11,	5
245	Ten-Week Sucralose Consumption Induces Gut Dysbiosis and Altered Glucose and Insulin Levels in Healthy Young Adults..	2022, 10,	2
244	Personal diet-microbiota interactions and weight loss..	2022, 1-12	0
243	The Effect of Artificial Sweeteners Use on Sweet Taste Perception and Weight Loss Efficacy: A Review..	2022, 14,	2
242	Is a Non-Caloric Sweetener-Free Diet Good to Treat Functional Gastrointestinal Disorder Symptoms? A Randomized Controlled Trial..	2022, 14,	1
241	Is There an Academic Bias against Low-Energy Sweeteners?.	2022, 14,	1
240	Association of Low- and No-Calorie Sweetened Beverages as a Replacement for Sugar-Sweetened Beverages With Body Weight and Cardiometabolic Risk: A Systematic Review and Meta-analysis..	2022, 5, e222092	1
239	An atlas of robust microbiome associations with phenotypic traits based on large-scale cohorts from two continents..	2022, 17, e0265756	0
238	Whey protein sweetened with Stevia rebaudiana increases insulin-degrading enzyme, but not carcinoembryonic antigen-related cell adhesion molecule 1 expression in the liver from resistance-trained rats.	2022, 47,	
237	Plant- and Animal-Based Protein-Rich Foods and Cardiovascular Health..	2022, 1	1
236	: from its critical role in human health to strategies for promoting its abundance in human gut microbiome..	2022, 1-21	8
235	Green Banana Flour Contributes to Gut Microbiota Recovery and Improves Colonic Barrier Integrity in Mice Following Antibiotic Perturbation..	2022, 9, 832848	0
234	Effects of non-caloric artificial sweeteners on naïve and dextran sodium sulfate-exposed Drosophila melanogaster.		
233	Resistant starch (RS), a novel endogenous inert marker for detecting glucose absorption of small intestine with sweeteners administration in mice.	2022, 65,	

232	Comparative Analysis of the Bioactive Compounds in Chicken Cartilage: Protective Effects of Chondroitin Sulfate and Type II Collagen Peptides Against Osteoarthritis Involve Gut Microbiota.. <b>2022</b> , 9, 843360	1
231	Understanding the mechanism underlying the anti-diabetic effect of dietary component: a focus on gut microbiota.. <b>2022</b> , 1-21	1
230	Gut Microbiota Dysbiosis: Triggers, Consequences, Diagnostic and Therapeutic Options.. <b>2022</b> , 10,	4
229	Intestinal Alkaline Phosphatase: A Review of This Enzyme Role in the Intestinal Barrier Function.. <b>2022</b> , 10,	3
228	Long-term trends in the consumption of sugary and diet soft drinks among adolescents: a cross-national survey in 21 European countries.. <b>2022</b> , 1	0
227	Artificial sweeteners and cancer risk: Results from the NutriNet-Sant'population-based cohort study.. <b>2022</b> , 19, e1003950	9
226	Exploring blood microbial communities and their influence on human cardiovascular disease.. <b>2022</b> , e24354	5
225	Dietary recommendations for persons with type 2 diabetes mellitus.. <b>2022</b> ,	
224	Targeting Gut Microbiota and Host Metabolism with Dendrobium officinale Dietary Fiber to Prevent Obesity and Improve Glucose Homeostasis in Diet-Induced Obese Mice.. <b>2022</b> , e2100772	2
223	Effects on cardiometabolic risk factors after reduction of artificially sweetened beverage consumption in overweight subjects. A randomised controlled trial.. <b>2022</b> , 69, 168-177	
222	The Maternal-Fetal Gut Microbiota Axis: Physiological Changes, Dietary Influence, and Modulation Possibilities.. <b>2022</b> , 12,	2
221	Perspective: Soy-Based Meat and Dairy Alternatives, Despite Classification as Ultra-Processed Foods, Deliver High-Quality Nutrition on Par With Unprocessed or Minimally Processed Animal-Based Counterparts.. <b>2022</b> ,	2
220	How are the processing and nutrient dimensions of foods interconnected? an issue of hierarchy based on three different food scores.. <b>2022</b> , 1-16	1
219	Obesity II: Establishing Causal Links Between Chemical Exposures and Obesity.. <b>2022</b> , 115015	6
218	Next-generation sequencing: insights to advance clinical investigations of the microbiome.. <b>2022</b> , 132,	9
217	Gut Microbiome: Profound Implications for Diet and Disease. 1-16	0
216	Efficacy of Probiotics-Based Interventions as Therapy for Inflammatory Bowel Disease: A Recent Update. <b>2022</b> , 29, 3546-3567	0
215	Non-caloric artificial sweeteners exhibit antimicrobial activity against bacteria and promote bacterial evolution of antibiotic tolerance.. <b>2022</b> , 433, 128840	1



214	Prevalence of low-calorie sweeteners and related front-of-package claims in the Brazilian packaged food supply.. <b>2021,</b>	1
213	A Meta-Analysis of Microbial Therapy Against Metabolic Syndrome: Evidence From Randomized Controlled Trials.. <b>2021, 8, 775216</b>	0
212	Caregivers' Understanding of Ingredients in Drinks Served to Young Children: Opportunities for Nutrition Education and Improved Labeling.. <b>2022, 6, nzab151</b>	1
211	Low Doses of Sucralose Alter Fecal Microbiota in High-Fat Diet-Induced Obese Rats.. <b>2021, 8, 787055</b>	0
210	Sweeteners Maintain Epithelial Barrier Function Through the miR-15b/RECK/MMP-9 Axis, Remodel Microbial Homeostasis, and Attenuate Dextran Sodium Sulfate-Induced Colitis in Mice.. <b>2021,</b>	0
209	Cesarean section and body mass index in children: is there a causal effect?. <b>2022, 38, e00344020</b>	
208	Dietary components associated with being overweight, having obesity, and cancer. <b>2022, 253-278</b>	
207	Interactions of Non-Nutritive Artificial Sweeteners with the Microbiome in Metabolic Syndrome.. <b>2022, 4,</b>	0
206	Potential Effects of Sucralose and Saccharin on Gut Microbiota: A Review.. <b>2022, 14,</b>	2
205	Reshaping the Gut Microbiota Through Lifestyle Interventions in Women with PCOS: A Review. 1	
204	Image_1.pdf. <b>2019,</b>	
203	Data_Sheet_1.DOCX. <b>2018,</b>	
202	Data_Sheet_1.PDF. <b>2019,</b>	
201	Image_1.JPEG. <b>2019,</b>	
200	Image_2.JPEG. <b>2019,</b>	
199	Image_3.jpg. <b>2019,</b>	
198	Image_4.JPEG. <b>2019,</b>	
197	Image_5.JPEG. <b>2019,</b>	

196 Table\_1.XLSX. 2019,

195 Table\_2.XLSX. 2019,

194 Table\_3.XLSX. 2019,

193 Table\_4.XLSX. 2019,

192 Table\_5.XLSX. 2019,

191 Table\_6.XLSX. 2019,

190 Table\_7.xlsx. 2019,

189 Table\_8.XLSX. 2019,

188 Data\_Sheet\_1.pdf. 2020,

187 Data\_Sheet\_1.docx. 2020,

186 Image\_1.TIF. 2020,

185 Image\_2.TIF. 2020,

184 Image\_3.TIF. 2020,

183 Image\_4.TIF. 2020,

182 Image\_5.TIF. 2020,

181 Image\_6.TIF. 2020,

180 Image\_7.TIF. 2020,

179 Data\_Sheet\_1.docx. 2020,

178 Data\_Sheet\_1.docx. **2020**,

177 The role of diet and physical activity in influencing the microbiota/microbiome. **2022**, 693-745

176 A starch- and sucrose-reduced dietary intervention in irritable bowel syndrome patients produced a shift in gut microbiota composition along with changes in phylum, genus, and amplicon sequence variant abundances, without affecting the micro-RNA levels.. **2022**,

0

175 Chronic systemic low-grade inflammation and modern lifestyle: the dark role of gut microbiota on related diseases with a focus on pandemic COVID-19.. **2022**,

2

174 Effect of saccharin, a non-nutritive sweeteners, on insulin and blood glucose levels in healthy young men: A crossover trial. **2022**, 102500

0

173 A neural network-based framework to understand the type 2 diabetes-related alteration of the human gut microbiome.

1

172 Consumer perceptions of non-caloric sweeteners and the content of caloric and non-caloric sweeteners in ultra-processed products in Brazil.. **2022**, 27, 1989-2000

1

171 Effects of *Siraitia grosvenorii* extracts on high fat diet-induced obese mice:a comparison with artificial sweetener aspartame. **2022**, 11, 865-873

0

170 Food additives in childhood: a review on consumption and health consequences.. **2022**, 56, 32

0

169 Trialling a microbiome-targeted dietary intervention in children with ADHD—the rationale and a non-randomised feasibility study. **2022**, 8,

168 Empfehlungen zur Ernährung von Personen mit Diabetes mellitus Typ 2.

167 Involvement of Gut Microbial Metabolites Derived from Diet on Host Energy Homeostasis. **2022**, 23, 5562

1

166 The Role of Dietary Intake in Type 2 Diabetes Mellitus: Importance of Macro and Micronutrients in Glucose Homeostasis. **2022**, 14, 2132

0

165 Effect of Coffee and Tea Consumption on Adolescent Weight Control: An Interventional Pilot Study.

0

164 Sucralose, a Non-nutritive Artificial Sweetener Exacerbates High Fat Diet-Induced Hepatic Steatosis Through Taste Receptor Type 1 Member 3. **2022**, 9,

1

163 Efficacy of a Novel Therapeutic, Based on Natural Ingredients and Probiotics, in a Murine Model of Multiple Food Intolerance and Maldigestion. **2022**, 14, 2251

0

162 Impact of a 7-day homogeneous diet on interpersonal variation in human gut microbiomes and metabolomes. **2022**,

1

161 Imaging of sugar-based contrast agents using their hydroxyl proton exchange properties.

0

160	Oral short-chain fatty acids administration regulates innate anxiety in adult microbiome-depleted mice. <b>2022</b> , 214, 109140	0
159	Young population consume twice as much artificial sweetener than the general population in wastewater-based assessment in China. <b>2022</b> , 839, 156200	0
158	Berberine inhibits intestinal carcinogenesis by suppressing intestinal pro-inflammatory genes and oncogenic factors through modulating gut microbiota. <b>2022</b> , 22,	1
157	5-Keto-D-Fructose, a Natural Diketone and Potential Sugar Substitute, Significantly Reduces the Viability of Prokaryotic and Eukaryotic Cells. 13,	0
156	Nutritional strategies to attenuate postprandial glycemic response.	1
155	Whole grain rice: Updated understanding of starch digestibility and the regulation of glucose and lipid metabolism.	1
154	Time-limited diets and the gut microbiota in cardiometabolic disease.	1
153	Dietary Influences on Gut Microbiota with a Focus on Metabolic Syndrome.	2
152	The Effect of Steviol Glycosides on Sensory Properties and Acceptability of Ice Cream. <b>2022</b> , 11, 1745	0
151	Effect of Artificial Sweeteners on Gut Microbiota in Mice and Rats: A Systematic Review of Randomized Controlled Studies. <b>2022</b> , 31, 99-110	0
150	Chronic intake of nutritive sweeteners and saccharin increases levels of glycolytic and lipogenic enzymes in rat liver. 1-13	0
149	Comprehensive Assessment of Functional Effects of Commonly Used Sugar Substitute Sweeteners on Ex Vivo Human Gut Microbiome.	1
148	Association Between Ultraprocessed Food Consumption and Risk of Incident CKD: A Prospective Cohort Study. <b>2022</b> ,	0
147	Artificial Sweeteners in Breast Milk: A Clinical Investigation with a Kinetic Perspective. <b>2022</b> , 14, 2635	1
146	An Ecological Validity Model for the Prevention of Obesity: Non-Nutritive Sweetener Consumption in Rats and the Effects of Switching from Sugar-Sweetened to Diet Beverages. <b>2022</b> , 14, 2758	0
145	Management of Mild-to-Moderate Hypertriglyceridemia. <b>2022</b> ,	0
144	The Influence of Dietary Factors on the Gut Microbiota. <b>2022</b> , 10, 1368	2
143	Long-term consumption of the sugar substitute sorbitol alters gut microbiome and induces glucose intolerance in mice. <b>2022</b> , 305, 120770	2

142	Food Additives Associated with Gut Microbiota Alterations in Inflammatory Bowel Disease: Friends or Enemies?. <b>2022</b> , 14, 3049	1
141	Total saponins from quinoa bran alleviate high-fat diet-induced obesity and systemic inflammation via regulation of gut microbiota in rats.	0
140	Dietary Component-Induced Inflammation and Its Amelioration by Prebiotics, Probiotics, and Synbiotics. 9,	1
139	Sweet Taste Signaling: The Core Pathways and Regulatory Mechanisms. <b>2022</b> , 23, 8225	
138	Impact of indigenous microbiota in gut inflammatory disorders. <b>2022</b> , 179-209	
137	The beneficial role of healthy microbiome in metabolic syndrome and cardiovascular health. <b>2022</b> , 109-124	
136	Impact of Sucralose on Environmental Bacteria: Mechanistic Insights from Molecular Modeling. <b>2022</b> , 358-368	
135	The metabolic nature of inflammatory bowel diseases.	6
134	Obesity promotes Fumonisin B1 toxicity and induces hepatitis.	
133	The fecal metabolome links diet composition, food processing and the gut microbiota to gastrointestinal health in a randomized trial of adults consuming a processed diet.	0
132	The impact of dietary nutrient intake on gut microbiota in the progression and complications of chronic kidney disease. <b>2022</b> ,	0
131	Diet, Gut Microbiome, and Cognitive Decline.	2
130	Impact of dietary sucralose and sucrose-sweetened water intake on lipid and glucose metabolism in male mice.	
129	Non-nutritive sweeteners and their impacts on the gut microbiome and host physiology. 9,	2
128	Quorum sensing-based interactions among drugs, microbes, and diseases.	0
127	An updated multifaceted overview of sweet proteins and dipeptides as sugar substitutes; the chemistry, health benefits, gut interactions, and safety. <b>2022</b> , 111853	1
126	Associations between ultra- or minimally processed food intake and three adiposity indicators among US adults: NHANES 2011 to 2016. <b>2022</b> , 30, 1887-1897	1
125	Metabolic Health Immersion for Medical Education: A Pilot Program with Continuous Glucose Monitors in Medical and Dental Students. 15598276221199	

124	Effect of Long-term Intake of Nutritive and Non-nutritive Sweeteners on Metabolic Health and Cognition in Adult Male Rats.	1
123	Effects of Nonnutritive Sweeteners on Body Composition Changes during Pubertal Growth.	
122	Ultra-processed foods and human health: from epidemiological evidence to mechanistic insights. <b>2022,</b>	4
121	Personalized microbiome-driven effects of non-nutritive sweeteners on human glucose tolerance. <b>2022,</b>	7
120	Adherence to a Healthy Beverage Score Is Associated with Lower Frailty Risk in Older Adults. <b>2022,</b> 14, 3861	0
119	Egg Protein Transferrin-Derived Peptides Irw (Lle-Arg-Trp) and Iqw (Lle-Gln-Trp) Prevent Obesity Mouse Model Induced by a High-Fat Diet via Reducing Lipid Deposition and Reprogramming Gut Microbiota. <b>2022,</b> 23, 11227	0
118	Édulcorants : mécanismes d'action, effets sur le comportement alimentaire et le contrôle glyémique. <b>2022,</b>	0
117	Sugar- and Artificially-Sweetened Beverages and Cancer Mortality in a Large U.S. Prospective Cohort. OF1-OF12	0
116	Early life dietary emulsifier exposure predisposes the offspring to obesity through gut microbiota-FXR axis. <b>2022,</b> 111921	0
115	Recent findings in Akkermansia muciniphila-regulated metabolism and its role in intestinal diseases. <b>2022,</b> 41, 2333-2344	2
114	Consumption of glucose syrup enhances glucose tolerance in mice. <b>2022,</b> 256, 113954	0
113	Sugars, sweeteners, chocolates, and sweet snacks. <b>2023,</b> 211-249	0
112	Dietary influence on human microbiome. <b>2022,</b> 59-80	0
111	Programming long-term health: Maternal and fetal nutritional and dietary needs. <b>2022,</b> 27-63	0
110	Beliefs concerning non-nutritive sweeteners consumption in consumers, non-consumers, and health professionals: a comparative cross-sectional study. <b>2022,</b>	0
109	Gut Microbiome Regulation of Appetite and Role in Neurological Disorders. <b>2022,</b> 83-105	0
108	Impact of High Aspartame and High Fructose Diet on Vascular Reactivity, Glucose Metabolism and Liver Structure in Diabetic Rats. <b>2022,</b> 10, 1433-1443	0
107	Management of obesity and related inflammatory disorders. <b>2023,</b> 233-262	0

106	The Intake of Ultra-Processed Foods and Prevalence of Chronic Kidney Disease: The Health Examinees Study. <b>2022</b> , 14, 3548	0
105	Longitudinal Analysis of Sucralose at a Water Treatment Wetland. <b>2022</b> , 9, 111	0
104	Association of ultra-processed food consumption with colorectal cancer risk among men and women: results from three prospective US cohort studies. e068921	5
103	Perspectives on Inequity and Health Disparities in Chile and Their Relationship to Microbial Ecology.	0
102	Systematic evaluation of antimicrobial food preservatives on glucose metabolism and gut microbiota in healthy mice. <b>2022</b> , 6,	0
101	Diet fuelling inflammatory bowel diseases: preclinical and clinical concepts. gutjnl-2021-326575	3
100	Research gaps and opportunities in precision nutrition: an NIH workshop report.	0
99	Artificial sweeteners and risk of cardiovascular diseases: results from the prospective NutriNet-Santé cohort. e071204	3
98	Obesity, Diabetes Mellitus, and Vascular Impediment as Consequences of Excess Processed Food Consumption. <b>2022</b> ,	0
97	Sucralose consumption ameliorates high-fat diet-induced glucose intolerance and liver weight gain in mice. 9,	0
96	Early life low-calorie sweetener consumption disrupts glucose regulation, sugar-motivated behavior, and memory function in rats.	0
95	Impact de la nutrition sur le microbiote intestinal dans la maladie respiratoire chronique. <b>2022</b> ,	0
94	The influence of different dietary patterns on changes in the intestinal microbiota and human body weight. <b>2022</b> , 29-39	0
93	The Med Diet Compared to Other Mainstream Diets. <b>2022</b> , 113-132	0
92	How the Med Diet Works. <b>2022</b> , 58-75	0
91	Integrated gut microbiome and metabolome analyses identified fecal biomarkers for bowel movement regulation by Bifidobacterium longum BB536 supplementation: A RCT. <b>2022</b> , 20, 5847-5858	0
90	Protocol for a multicentre, parallel, randomised, controlled trial on the effect of sweeteners and sweetness enhancers on health, obesity and safety in overweight adults and children: the SWEET project. <b>2022</b> , 12, e061075	0
89	Impact of Dietary Sugars on Gut Microbiota and Metabolic Health. <b>2022</b> , 3, 549-560	0

88	Early life low-calorie sweetener consumption impacts energy balance during adulthood.	0
87	Additives in Children's Nutrition: A Review of Current Events. <b>2022</b> , 19, 13452	2
86	Artificially Sweetened Beverage Consumption and Cancer Risk: A Comprehensive Dose-Response Meta-Analysis of Prospective Studies. <b>2022</b> , 14, 4445	0
85	Süßstoffe - Modulatoren des Darmmikrobioms?. <b>2022</b> , 16, 44-48	0
84	Differences in the gut microbiota of women according to ultra-processed food consumption. <b>2022</b> ,	0
83	Fluoride induced leaky gut and bloom of <i>Erysipelatoclostridium ramosum</i> mediate the exacerbation of obesity in high-fat-diet fed mice. <b>2022</b> ,	0
82	Inflammatory Bowel Disease and Customized Nutritional Intervention Focusing on Gut Microbiome Balance. <b>2022</b> , 14, 4117	0
81	Do Sugar-Sweetened Beverages Increase Fasting FGF21 Irrespective of the Type of Added Sugar? A Secondary Exploratory Analysis of a Randomized Controlled Trial. <b>2022</b> , 14, 4169	0
80	Empfehlungen zur Ernährung von Personen mit Typ-2-Diabetes mellitus. <b>2022</b> , 17, S256-S290	0
79	Trends in food consumption according to the degree of food processing among the UK population over 11 years. 1-24	1
78	Effects of sweeteners on host physiology by intestinal mucosal microbiota: Example-addition sweeteners in Qiweibaizhu Powder on intestinal mucosal microbiota of mice with antibiotic-associated diarrhea. 9,	0
77	Is the Use of Artificial Sweeteners Beneficial for Patients with Diabetes Mellitus? The Advantages and Disadvantages of Artificial Sweeteners. <b>2022</b> , 14, 4446	0
76	Yeast mannoproteins are expected to be a novel potential functional food for attenuation of obesity and modulation of gut microbiota. 9,	0
75	Association of sweetened beverages consumption with all-cause mortality risk among Dutch adults: the Lifelines Cohort Study (the SWEET project).	0
74	Personalized nutrition, microbiota, and metabolism: A triad for eudaimonia. 9,	0
73	Dairy starters and fermented dairy products modulate gut mucosal immunity. <b>2022</b> ,	1
72	Bittersweet: artificial sweeteners and the gut microbiome.	0
71	The Effect of Regular Consumption of Four Low/No Calorie Sweeteners on Glycemic Response in Healthy Women: A Randomized Controlled Trial. <b>2022</b> , 111885	0



70	Sugar reduction in beverages: Current trends and new perspectives from sensory and health viewpoints. <b>2022</b> , 162, 112076	0
69	Gastrointestinal symptoms, gut microbiome, probiotics and prebiotics in anorexia nervosa: A review of mechanistic rationale and clinical evidence. <b>2023</b> , 147, 105959	0
68	Role of gut microbiota in food safety. <b>2023</b> , 812-828	0
67	Precise Nutrition and Metabolic Syndrome, Remodeling the Microbiome with Polyphenols, Probiotics, and Postbiotics. <b>2022</b> , 145-178	0
66	Nye suksesskriterier for sunn mat. <b>2017</b> , 15, 44-48	0
65	Ultra-processed foods as a possible culprit for the rising prevalence of inflammatory bowel diseases. 9,	0
64	Early Life Low-Calorie Sweetener Consumption Impacts Energy Balance during Adulthood. <b>2022</b> , 14, 4709	0
63	Impact of Long Term Cyclamate and Saccharin Consumption on Biochemical Parameters in Healthy Individuals and Type 2 Diabetes Mellitus Patients.	0
62	The critical issue linking lipids and inflammation: Clinical utility of stopping oxidative stress. 9,	2
61	Consumption of the non-nutritive sweetener stevia for 12 weeks does not alter the composition of the gut microbiota.	0
60	Dietary metabolizable energy and crude protein levels affect pectoral muscle composition and gut microbiota in native growing chickens. <b>2022</b> , 102353	1
59	Anaerobic Bacteria. <b>2023</b> , 1004-1013.e3	0
58	Perillartine protects against metabolic associated fatty liver in high-fat diet-induced obese mice.	0
57	Understanding interactions among diet, host and gut microbiota for personalized nutrition. <b>2023</b> , 312, 121265	1
56	Aspartame consumption during pregnancy impairs placenta growth in mice through sweet taste receptor-reactive oxygen species-dependent pathway. <b>2023</b> , 113, 109228	0
55	Circulating microbiota and metabolites: Insights into cardiovascular diseases. <b>2022</b> , 36,	1
54	No Association between Low-Calorie Sweetener (LCS) Use and Overall Cancer Risk in the Nationally Representative Database in the US: Analyses of NHANES 1988-2018 Data and 2019 Public-Use Linked Mortality Files. <b>2022</b> , 14, 4957	0
53	Artificial sweeteners inhibit multidrug-resistant pathogen growth and potentiate antibiotic activity.	0

52	Effects of fructose epimers on blood lipid profile: A systematic review and meta-analysis of randomized controlled trials.	0
51	Brazil's nutrition labeling regulation: Challenges ahead on the path to guaranteeing consumer's right to adequate information. 9,	0
50	Chronic exposure to synthetic food colorant Allura Red AC promotes susceptibility to experimental colitis via intestinal serotonin in mice. <b>2022</b> , 13,	0
49	Identification of a gene cluster for D-tagatose utilization in Escherichia coli B2 phylogroup. <b>2022</b> , 25, 105655	0
48	Food Additives: Importance, Classification, and Adverse Reactions in Humans. <b>2023</b> , 1-31	0
47	Non-caloric artificial sweeteners modulate conjugative transfer of multi-drug resistance plasmid in the gut microbiota. <b>2023</b> , 15,	1
46	Apoptotic biliary epithelial cells and gut dysbiosis in the induction of murine primary biliary cholangitis. <b>2022</b> , 100182	0
45	Recent advance in technological innovations of sugar-reduced products. 1-15	0
44	Natural and low-caloric rebaudioside A as a substitute for dietary sugars: A comprehensive review.	1
43	Perinatal exposure to foodborne inorganic nanoparticles: A role in the susceptibility to food allergy?. 3,	0
42	Foods may modify responsiveness to cancer immune checkpoint blockers by altering both the gut microbiota and activation of estrogen receptors in immune cells. 1,	0
41	Ultra-processed food consumption and risk of colorectal cancer precursors: results from three prospective cohorts.	1
40	Sweetener purchases in Chile before and after implementing a policy for food labeling, marketing, and sales in schools. <b>2022</b> , 100016	0
39	Ultra-processed foods and colorectal neoplasia: Is there a link?.	0
38	Plant-based diets for CKD patients: fascinating, trendy, but feasible? A green nephrology perspective.	0
37	Ultra-Processed Foods Consumption and Increased Risk of Metabolic Syndrome in Adults: the ELSA-Brasil.	0
36	Influence of a sodium-saccharin sweetener on the rumen content and rumen epithelium microbiota in dairy cattle during heat stress.	0
35	Diet-induced gut dysbiosis and inflammation: Key drivers of obesity-driven NASH. <b>2023</b> , 26, 105905	1

34	Urbanisation and its Associated Factors Affecting Human Gut Microbiota: Where are we Heading to?. 1-25	o
33	Fecal Microbiota Transplantation Research over the Past Decade: Current Status and Trends. <b>2023</b> , 2023, 1-18	o
32	Effect of urolithin A on the improvement of vascular endothelial function depends on the gut microbiota. 9,	o
31	Effects of intestinal microbes on rheumatic diseases: A bibliometric analysis. 13,	o
30	Gut Prevotellaceae-GABAergic septohippocampal pathway mediates spatial memory impairment in high-fat diet-fed ovariectomized mice. <b>2023</b> , 177, 105993	o
29	Dietary Administration of Black Raspberries and Arsenic Exposure: Changes in the Gut Microbiota and Its Functional Metabolites. <b>2023</b> , 13, 207	o
28	Prevention of Metabolic Syndrome by Phytochemicals and Vitamin D. <b>2023</b> , 24, 2627	1
27	The Effect of Non-Nutritive Sweetened Beverages on Postprandial Glycemic and Endocrine Responses: A Systematic Review and Network Meta-Analysis. <b>2023</b> , 15, 1050	1
26	Diabetes Type II: Should Aspartame be a Concern?. <b>2023</b> , 48-58	o
25	Dietary tryptophan deficiency promotes gut ROR $\gamma$ <sup>+</sup> Treg cells at the expense of Gata3 <sup>+</sup> Treg cells and alters commensal microbiota metabolism. <b>2023</b> , 42, 112135	o
24	Sweetener System Intervention Shifted Neutrophils from Homeostasis to Priming. <b>2023</b> , 15, 1260	o
23	Food, gut barrier dysfunction, and related diseases: A new target for future individualized disease prevention and management. <b>2023</b> , 11, 1671-1704	o
22	Impact of acute consumption of beverages containing plant-based or alternative sweetener blends on postprandial appetite, food intake, metabolism, and gastro-intestinal symptoms: Results of the SWEET beverages trial. <b>2023</b> , 184, 106515	o
21	Characterizing the Effect of Amylase Inhibitors on Maltodextrin Metabolism by Gut Bacteria Using Fluorescent Glycan Labeling. <b>2023</b> , 18, 356-366	o
20	Association between Ultra-Processed Food Consumption and Metabolic Syndrome among Adults in China: Results from the China Health and Nutrition Survey. <b>2023</b> , 15, 752	o
19	Designing healthier bread through the lens of the gut microbiota. <b>2023</b> , 134, 13-28	o
18	L'interaction odeur-goût et ses effets marketing sur la perception et la consommation des produits diététiques.	o
17	The role of diet in shaping human gut microbiota. <b>2023</b> , 101828	o

- 16 A sweeter future: Using protein language models for exploring sweeter brazzein homologs. ○
- 15 The immune-supportive diet in allergy management: A narrative review and proposal. ○
- 14 Solubilisation and Enhanced Oral Absorption of Curcumin Using a Natural Non-Nutritive Sweetener Mogroside V. Volume 18, 1031-1045 ○
- 13 Rationale, Design and Participants Baseline Characteristics of a Crossover Randomized Controlled Trial of the Effect of Replacing SSBs with NSBs versus Water on Glucose Tolerance, Gut Microbiome and Cardiometabolic Risk in Overweight or Obese Adult SSB Consumer: Strategies to Oppose SUGARS with Non-Nutritive Sweeteners or Water (STOP Sugars NOW) Trial and Ectopic Fat Consumption of sugar sweetened beverages, artificially sweetened beverages and fruit juices and risk of type 2 diabetes, hypertension, cardiovascular disease, and mortality. 10, ○
- 12 Consumption of sugar sweetened beverages, artificially sweetened beverages and fruit juices and risk of type 2 diabetes, hypertension, cardiovascular disease, and mortality: A meta-analysis. 10, ○
- 11 Aspartame and Its Metabolites Cause Oxidative Stress and Mitochondrial and Lipid Alterations in SH-SY5Y Cells. **2023**, 15, 1467 ○
- 10 Effects of ultra-processed foods on the microbiota-gut-brain axis: The bread-and-butter issue. **2023**, 167, 112730 ○
- 9 Global, regional and national burden of inflammatory bowel disease in 204 countries and territories from 1990 to 2019: a systematic analysis based on the Global Burden of Disease Study 2019. **2023**, 13, e065186 ○
- 8 ??????????????. **2022**, 60, 156-160 ○
- 7 Impact of Long-Term Cyclamate and Saccharin Consumption on Biochemical Parameters in Healthy Individuals and Type 2 Diabetes Mellitus Patients. **2023**, 59, 698 ○
- 6 Gut microbiota response to sucralose or rebaudioside A in rats under two dietary conditions. ○
- 5 Effect of Non-Nutritive Sweeteners on the Gut Microbiota. **2023**, 15, 1869 ○
- 4 The association between dietary patterns and risk of miscarriage: a systematic review and meta-analysis. **2023**, ○
- 3 Beverage consumption and mortality among adults with type 2 diabetes: prospective cohort study. e073406 ○
- 2 Feeding with resistant maltodextrin suppresses excessive calorie intake in a high-fat diet, mediated by changes in mouse gut microbiota composition, appetite-related gut hormone secretion, and neuropeptide transcriptional levels. 2, ○
- 1 Effect of Sucralose Intake on Human and Mouse/Rat Gut Microbiota Composition: A Systematic Review and Meta-Analysis. 1-11 ○