

Obesity alters gut microbial ecology

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Citation Report

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1	Clinical Study Protocol. , 2003, , 25-30.		1
2	The Composition of Infant Formula: A Worldwide Approach. Journal of Pediatric Gastroenterology and Nutrition, 2005, 41, 578-579.	0.9	0
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4	Metabolic profiling reveals a contribution of gut microbiota to fatty liver phenotype in insulin-resistant mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12511-12516.	3.3	948
5	Unexpected Diversity and Complexity of the Guerrero Negro Hypersaline Microbial Mat. Applied and Environmental Microbiology, 2006, 72, 3685-3695.	1.4	435
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12	Assembly of the human intestinal microbiota. Trends in Ecology and Evolution, 2006, 21, 517-523.	4.2	462
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1204	Gut Microbiota: In Sickness and in Health. , 2014, , 43-48.		0
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1636	Microbiota y diabetes mellitus tipo 2. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2016, 63, 560-568.	0.8	111
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1666	Microbiome and metabolic disorders related to obesity: Which lessons to learn from experimental models?. <i>Trends in Food Science and Technology</i> , 2016, 57, 256-264.	7.8	26
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1688	Interactions between inflammation, sex steroids, and Alzheimer's disease risk factors. <i>Frontiers in Neuroendocrinology</i> , 2016, 43, 60-82.	2.5	81
1689	Microbial diversity in individuals and their household contacts following typical antibiotic courses. <i>Microbiome</i> , 2016, 4, 39.	4.9	135
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1694	Insulin Resistance, Microbiota, and Fat Distribution Changes by a New Model of Vertical Sleeve Gastrectomy in Obese Rats. <i>Diabetes</i> , 2016, 65, 2990-3001.	0.3	43
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1708	Microbiota Modulates Behavior and Protein Kinase C mediated cAMP response element-binding protein Signaling. <i>Scientific Reports</i> , 2016, 6, 29998.	1.6	51
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1711	Natural history of the infant gut microbiome and impact of antibiotic treatment on bacterial strain diversity and stability. <i>Science Translational Medicine</i> , 2016, 8, 343ra81.	5.8	763

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1716	Culture of previously uncultured members of the human gut microbiota by culturomics. <i>Nature Microbiology</i> , 2016, 1, 16203.	5.9	735
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1887	Nod2 and Nod2-regulated microbiota protect BALB/c mice from diet-induced obesity and metabolic dysfunction. <i>Scientific Reports</i> , 2017, 7, 548.	1.6	48
1888	Contribution of anthocyanin-rich foods in obesity control through gut microbiota interactions. <i>BioFactors</i> , 2017, 43, 507-516.	2.6	114
1889	Intestinal microbiota contributes to colonic epithelial changes in simulated microgravity mouse model. <i>FASEB Journal</i> , 2017, 31, 3695-3709.	0.2	43
1890	Perspective: A Historical and Scientific Perspective of Sugar and Its Relation with Obesity and Diabetes. <i>Advances in Nutrition</i> , 2017, 8, 412-422.	2.9	112
1891	Structural modulation of gut microbiota in Bama minipigs in response to treatment with a ðœgrowth-promoting agentâ€¸ salbutamol. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5809-5818.	1.7	7
1892	Obesity and Weight Control: Is There Light at the End of the Tunnel?. <i>Current Nutrition Reports</i> , 2017, 6, 51-62.	2.1	0
1893	Seasonal variation in the copepod gut microbiome in the subtropical North Atlantic Ocean. <i>Environmental Microbiology</i> , 2017, 19, 3087-3097.	1.8	53
1894	Host Genome Influence on Gut Microbial Composition and Microbial Prediction of Complex Traits in Pigs. <i>Genetics</i> , 2017, 206, 1637-1644.	1.2	129

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1896	MÃ©nage Ã trois in the human gut: interactions between host, bacteria and phages. <i>Nature Reviews Microbiology</i> , 2017, 15, 397-408.	13.6	277
1897	A Specific Gut Microbiota Dysbiosis of Type 2 Diabetic Mice Induces GLP-1 Resistance through an Enteric NO-Dependent and Gut-Brain Axis Mechanism. <i>Cell Metabolism</i> , 2017, 25, 1075-1090.e5.	7.2	179
1898	<i>Bifidobacterium adolescentis</i> IM38 ameliorates high-fat diet-induced colitis in mice by inhibiting NF-Î²B activation and lipopolysaccharide production by gut microbiota. <i>Nutrition Research</i> , 2017, 41, 86-96.	1.3	83
1899	Microbiome: Its Impact Is Being Revealed!. <i>Current Clinical Microbiology Reports</i> , 2017, 4, 78-87.	1.8	1
1900	Polysaccharide and phlorotannin-enriched extracts of the brown seaweed <i>Ecklonia radiata</i> influence human gut microbiota and fermentation in vitro. <i>Journal of Applied Phycology</i> , 2017, 29, 2407-2416.	1.5	45
1901	Current Perspectives on Antihypertensive Probiotics. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 91-101.	1.9	59
1902	Microbiome and metabolic disease: revisiting the bacterial phylum Bacteroidetes. <i>Journal of Molecular Medicine</i> , 2017, 95, 1-8.	1.7	267
1903	Early-Life Sugar Consumption Affects the Rat Microbiome Independently of Obesity. <i>Journal of Nutrition</i> , 2017, 147, 20-28.	1.3	93
1904	Understanding the Holobiont: How Microbial Metabolites Affect Human Health and Shape the Immune System. <i>Cell Metabolism</i> , 2017, 26, 110-130.	7.2	572
1905	TCDD influences reservoir of antibiotic resistance genes in murine gut microbiome. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	32
1906	Changes in faecal bacteria during fattening in finishing swine. <i>Anaerobe</i> , 2017, 47, 188-193.	1.0	12
1907	Visceral Adiposity, Genetic Susceptibility, and Risk of Complications Among Individuals with Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 82-88.	0.9	51
1908	Human Microbiome: Implications on Health and Disease. , 2017, , 153-168.		1
1909	The resilience of the intestinal microbiota influences health and disease. <i>Nature Reviews Microbiology</i> , 2017, 15, 630-638.	13.6	696
1910	Gender Differences in Bile Acids and Microbiota in Relationship with Gender Dissimilarity in Steatosis Induced by Diet and FXR Inactivation. <i>Scientific Reports</i> , 2017, 7, 1748.	1.6	103
1911	Weight-loss interventions and gut microbiota changes in overweight and obese patients: a systematic review. <i>Obesity Reviews</i> , 2017, 18, 832-851.	3.1	161
1912	The TMAO-Producing Enzyme Flavin-Containing Monooxygenase 3 Regulates Obesity and the Being of White Adipose Tissue. <i>Cell Reports</i> , 2017, 19, 2451-2461.	2.9	194

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1914	In vitro modulation of gut microbiota by whey protein to preserve intestinal health. <i>Food and Function</i> , 2017, 8, 3053-3063.	2.1	55
1915	Anti-adipogenic effects of <i>Tropaeolum majus</i> (nasturtium) ethanol extract on 3T3-L1 cells. <i>Food and Nutrition Research</i> , 2017, 61, 1339555.	1.2	25
1916	Dipeptidyl Peptidase-4 and Adolescent Idiopathic Scoliosis: Expression in Osteoblasts. <i>Scientific Reports</i> , 2017, 7, 3173.	1.6	8
1917	Daily Changes in Composition and Diversity of the Intestinal Microbiota in Patients with Anorexia Nervosa: A Series of Three Cases. <i>European Eating Disorders Review</i> , 2017, 25, 423-427.	2.3	43
1919	An Official American Thoracic Society Workshop Report: Obesity and Metabolism. An Emerging Frontier in Lung Health and Disease. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1050-1059.	1.5	45
1920	Metformin exerts anti-obesity effect via gut microbiome modulation in prediabetics: A hypothesis. <i>Medical Hypotheses</i> , 2017, 104, 117-120.	0.8	16
1921	Polymannuronic acid ameliorated obesity and inflammation associated with a high-fat and high-sucrose diet by modulating the gut microbiome in a murine model. <i>British Journal of Nutrition</i> , 2017, 117, 1332-1342.	1.2	38
1922	Distinctive microbiomes and metabolites linked with weight loss after gastric bypass, but not gastric banding. <i>ISME Journal</i> , 2017, 11, 2047-2058.	4.4	121
1923	Impact of high-fat diet on the intestinal microbiota and small intestinal physiology before and after the onset of obesity. <i>Biochimie</i> , 2017, 141, 97-106.	1.3	196
1924	Gut Microbiota and the Gut-Brain Axis: New Insights in the Pathophysiology of Metabolic Syndrome. <i>Psychosomatic Medicine</i> , 2017, 79, 874-879.	1.3	44
1925	Probiotic yogurt and acidified milk similarly reduce postprandial inflammation and both alter the gut microbiota of healthy, young men. <i>British Journal of Nutrition</i> , 2017, 117, 1312-1322.	1.2	81
1926	Microbiome and NAFLD: potential influence of aerobic fitness and lifestyle modification. <i>Physiological Genomics</i> , 2017, 49, 385-399.	1.0	31
1927	Dectin-1 Activation Exacerbates Obesity and Insulin Resistance in the Absence of MyD88. <i>Cell Reports</i> , 2017, 19, 2272-2288.	2.9	36
1928	The effects of dietary supplementation with L-ketoglutarate on the intestinal microbiota, metabolic profiles, and ammonia levels in growing pigs. <i>Animal Feed Science and Technology</i> , 2017, 234, 321-328.	1.1	13
1929	Non-alcoholic fatty liver disease: An update with special focus on the role of gut microbiota. <i>Metabolism: Clinical and Experimental</i> , 2017, 71, 182-197.	1.5	96
1930	Exercise is a Novel Promoter of Intestinal Health and Microbial Diversity. <i>Exercise and Sport Sciences Reviews</i> , 2017, 45, 41-47.	1.6	48
1931	The Gut Microbiota and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 1-15.	1.2	624

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1935	Modulation of Gut Microbiota in Pathological States. <i>Engineering</i> , 2017, 3, 83-89.	3.2	26
1936	Adaptive Upregulation of Clumping Factor A (ClfA) by <i>Staphylococcus aureus</i> in the Obese, Type 2 Diabetic Host Mediates Increased Virulence. <i>Infection and Immunity</i> , 2017, 85, .	1.0	33
1937	Resveratrol improves exercise performance and skeletal muscle oxidative capacity in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H842-H853.	1.5	70
1938	Microbiota and Obesity. <i>Nestle Nutrition Institute Workshop Series</i> , 2017, 88, 95-106.	1.5	33
1939	Long-term dietary nitrite and nitrate deficiency causes the metabolic syndrome, endothelial dysfunction and cardiovascular death in mice. <i>Diabetologia</i> , 2017, 60, 1138-1151.	2.9	79
1940	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. <i>Journal of Nutrition</i> , 2017, 147, 727-745.	1.3	280
1941	Mechanisms and consequences of intestinal dysbiosis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2959-2977.	2.4	401
1942	Gastrointestinal Tract: a Promising Target for the Management of Hypertension. <i>Current Hypertension Reports</i> , 2017, 19, 31.	1.5	7
1943	How Cyanobacteria went green. <i>Science</i> , 2017, 355, 1372-1373.	6.0	20
1944	Gut Microbiota in Cardiovascular Health and Disease. <i>Circulation Research</i> , 2017, 120, 1183-1196.	2.0	1,079
1945	The effects of probiotic and synbiotic supplementation on metabolic syndrome indices in adults at risk of type 2 diabetes: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 148.	0.7	25
1946	Ethnic and diet-related differences in the healthy infant microbiome. <i>Genome Medicine</i> , 2017, 9, 32.	3.6	93
1947	T Follicular Helper Cells Promote a Beneficial Gut Ecosystem for Host Metabolic Homeostasis by Sensing Microbiota-Derived Extracellular ATP. <i>Cell Reports</i> , 2017, 18, 2566-2575.	2.9	87
1948	Effects of Gliadin consumption on the Intestinal Microbiota and Metabolic Homeostasis in Mice Fed a High-fat Diet. <i>Scientific Reports</i> , 2017, 7, 44613.	1.6	24
1949	The Gut Microbiome, Energy Homeostasis, and Implications for Hypertension. <i>Current Hypertension Reports</i> , 2017, 19, 27.	1.5	42
1950	Attenuated mTOR Signaling and Enhanced Glucose Homeostasis by Dietary Supplementation with Lotus Seedpod Oligomeric Procyanidins in Streptozotocin (STZ)-Induced Diabetic Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3801-3810.	2.4	37
1951	Organism and Microbiome Analysis. <i>Otolaryngologic Clinics of North America</i> , 2017, 50, 521-532.	0.5	3

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1953	High-cholesterol diet does not alter gut microbiota composition in mice. <i>Nutrition and Metabolism</i> , 2017, 14, 15.	1.3	36
1954	Impact of whey proteins on the systemic and local intestinal level of mice with diet induced obesity. <i>Food and Function</i> , 2017, 8, 1708-1717.	2.1	11
1956	Sensing danger: toll-like receptors and outcome in allogeneic hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2017, 52, 499-505.	1.3	17
1957	Medical comorbidity in bipolar disorder: The link with metabolic-inflammatory systems. <i>Journal of Affective Disorders</i> , 2017, 211, 99-106.	2.0	87
1958	Bacterial community collapse: a meta-analysis of the sinonasal microbiota in chronic rhinosinusitis. <i>Environmental Microbiology</i> , 2017, 19, 381-392.	1.8	174
1959	Enterosalivary nitrate metabolism and the microbiome: Intersection of microbial metabolism, nitric oxide and diet in cardiac and pulmonary vascular health. <i>Free Radical Biology and Medicine</i> , 2017, 105, 48-67.	1.3	123
1960	The acute effects of inulin and resistant starch on postprandial serum short-chain fatty acids and second-meal glycemic response in lean and overweight humans. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 227-233.	1.3	50
1961	Acute increases in serum colonic short-chain fatty acids elicited by inulin do not increase GLP-1 or PYY responses but may reduce ghrelin in lean and overweight humans. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 953-958.	1.3	65
1962	Brown fat thermogenesis: Stability of developmental programming and transient effects of temperature and gut microbiota in adults. <i>Biochimie</i> , 2017, 134, 93-98.	1.3	12
1963	Sodium butyrate improved performance while modulating the cecal microbiota and regulating the expression of intestinal immune-related genes of broiler chickens. <i>Poultry Science</i> , 2017, 96, 3981-3993.	1.5	77
1964	Distinct Microbial Communities Trigger Colitis Development upon Intestinal Barrier Damage via Innate or Adaptive Immune Cells. <i>Cell Reports</i> , 2017, 21, 994-1008.	2.9	105
1965	The Microbiome That Shapes Us: Can It Cause Obesity?. <i>Current Gastroenterology Reports</i> , 2017, 19, 59.	1.1	16
1966	Human microflora, probiotics and wound healing. <i>Wound Medicine</i> , 2017, 19, 33-38.	2.7	46
1967	Effects of obesity, energy restriction and neutering on the faecal microbiota of cats. <i>British Journal of Nutrition</i> , 2017, 118, 513-524.	1.2	27
1968	Improvement of Insulin Sensitivity after Lean Donor Feces in Metabolic Syndrome Is Driven by Baseline Intestinal Microbiota Composition. <i>Cell Metabolism</i> , 2017, 26, 611-619.e6.	7.2	689
1969	Microbial management of diabetic foot osteomyelitis. <i>Future Microbiology</i> , 2017, 12, 1243-1246.	1.0	8
1970	Beneficial effects of a probiotic blend on gastrointestinal side effects induced by leflunomide and amlodipine in a rat model. <i>Beneficial Microbes</i> , 2017, 8, 801-808.	1.0	9

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1972	Antibiotics and specialized metabolites from the human microbiota. <i>Natural Product Reports</i> , 2017, 34, 1302-1331.	5.2	58
1973	Challenges in simulating the human gut for understanding the role of the microbiota in obesity. <i>Beneficial Microbes</i> , 2017, 8, 31-53.	1.0	19
1974	Mulberry leaf alleviates streptozotocin-induced diabetic rats by attenuating NEFA signaling and modulating intestinal microflora. <i>Scientific Reports</i> , 2017, 7, 12041.	1.6	59
1975	Clinical Predictors and Natural History of Disease Extension in Patients with Ulcerative Proctitis. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 2035-2041.	0.9	11
1976	Human Microbiome in Brazil. , 2017, , 65-86.		0
1977	A Subset of Polysaccharide Capsules in the Human Symbiont <i>Bacteroides thetaiotaomicron</i> Promote Increased Competitive Fitness in the Mouse Gut. <i>Cell Host and Microbe</i> , 2017, 22, 494-506.e8.	5.1	82
1978	High-Fat Diet Changes Fungal Microbiomes and Interkingdom Relationships in the Murine Gut. <i>MSphere</i> , 2017, 2, .	1.3	94
1979	Effects of therapeutic hypothermia on the gut microbiota and metabolome of infants suffering hypoxic-ischemic encephalopathy at birth. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 93, 110-118.	1.2	13
1980	Intrinsic aerobic capacity governs the associations between gut microbiota composition and fat metabolism age-dependently in rat siblings. <i>Physiological Genomics</i> , 2017, 49, 733-746.	1.0	13
1981	Microbial diversity and iron oxidation at Okuokuachikurou Onsen, a Japanese hot spring analog of Precambrian iron formations. <i>Geobiology</i> , 2017, 15, 817-835.	1.1	33
1982	Gut microbiome alterations in Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 13537.	1.6	1,256
1983	Effect of <i>Propionibacterium acidipropionici</i> P169 on the rumen and faecal microbiota of beef cattle fed a maize-based finishing diet. <i>Beneficial Microbes</i> , 2017, 8, 785-799.	1.0	7
1984	Group Living and Male Dispersal Predict the Core Gut Microbiome in Wild Baboons. <i>Integrative and Comparative Biology</i> , 2017, 57, 770-785.	0.9	69
1986	Core fecal microbiota of domesticated herbivorous ruminant, hindgut fermenters, and monogastric animals. <i>MicrobiologyOpen</i> , 2017, 6, e00509.	1.2	83
1987	Functional amplification and preservation of human gut microbiota. <i>Microbial Ecology in Health and Disease</i> , 2017, 28, 1308070.	3.8	10
1988	Interaction between diet composition and gut microbiota and its impact on gastrointestinal tract health. <i>Food Science and Human Wellness</i> , 2017, 6, 121-130.	2.2	116
1989	Gut health benefits of brown seaweed <i>Ecklonia radiata</i> and its polysaccharides demonstrated in vivo in a rat model. <i>Journal of Functional Foods</i> , 2017, 37, 676-684.	1.6	23

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1991	Timing the Microbes: The Circadian Rhythm of the Gut Microbiome. <i>Journal of Biological Rhythms</i> , 2017, 32, 505-515.	1.4	95
1992	Sulfate-reducing bacteria stimulate gut immune responses and contribute to inflammation in experimental colitis. <i>Life Sciences</i> , 2017, 189, 29-38.	2.0	92
1993	The hundred most-cited publications in microbiota of diabetes research. <i>Medicine (United States)</i> , 2017, 96, e7338.	0.4	27
1994	The Intestinal Microbiome and Childhood Obesity. <i>Current Pediatrics Reports</i> , 2017, 5, 150-155.	1.7	2
1995	Neuroendocrine mechanisms underlying bariatric surgery: Insights from human studies and animal models. <i>Journal of Neuroendocrinology</i> , 2017, 29, e12534.	1.2	25
1996	The effects of the <i>Lactobacillus casei</i> strain on obesity in children: a pilot study. <i>Beneficial Microbes</i> , 2017, 8, 535-543.	1.0	49
1997	Consumption of Two Healthy Dietary Patterns Restored Microbiota Dysbiosis in Obese Patients with Metabolic Dysfunction. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700300.	1.5	107
1999	Correlations of age and growth rate with microbiota composition in Atlantic cod (<i>Gadus morhua</i>) larvae. <i>Scientific Reports</i> , 2017, 7, 8611.	1.6	10
2000	The microbiota-gut-brain axis in obesity. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 747-756.	3.7	408
2001	The intricate connection between diet, microbiota, and cancer: A jigsaw puzzle. <i>Seminars in Immunology</i> , 2017, 32, 35-42.	2.7	19
2002	Metabolic programming of the epigenome: host and gut microbial metabolite interactions with host chromatin. <i>Translational Research</i> , 2017, 189, 30-50.	2.2	34
2003	Alterations to metabolically active bacteria in the mucosa of the small intestine predict anti-obesity and anti-diabetic activities of grape seed extract in mice. <i>Food and Function</i> , 2017, 8, 3510-3522.	2.1	33
2004	The Role of the Indigenous Gut Microbiota in Human Health and Disease. <i>Advances in Environmental Microbiology</i> , 2017, , 75-104.	0.1	1
2005	Canine and Feline Microbiomes. , 2017, , 279-325.		3
2006	Dietary broccoli impacts microbial community structure and attenuates chemically induced colitis in mice in an Ah receptor dependent manner. <i>Journal of Functional Foods</i> , 2017, 37, 685-698.	1.6	62
2007	Mice gut microbiota programming by using the infant food profile. The effect on growth, gut microbiota and the immune system. <i>Food and Function</i> , 2017, 8, 3758-3768.	2.1	4
2008	The Hibernator Microbiome: Host-Bacterial Interactions in an Extreme Nutritional Symbiosis. <i>Annual Review of Nutrition</i> , 2017, 37, 477-500.	4.3	58

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2010	Metformin treatment significantly enhances intestinal glucose uptake in patients with type 2 diabetes: Results from a randomized clinical trial. <i>Diabetes Research and Clinical Practice</i> , 2017, 131, 208-216.	1.1	62
2011	High-fat diet induced leptin and Wnt expression: RNA-sequencing and pathway analysis of mouse colonic tissue and tumors. <i>Carcinogenesis</i> , 2017, 38, 302-311.	1.3	34
2012	Exercise and gut microbiota: clinical implications for the feasibility of Tai Chi. <i>Journal of Integrative Medicine</i> , 2017, 15, 270-281.	1.4	25
2013	Eco-Aging: stem cells and microbes are controlled by aging antagonist FoxO. <i>Current Opinion in Microbiology</i> , 2017, 38, 181-187.	2.3	26
2014	IL-17A-dependent gut microbiota is essential for regulating diet-induced disorders in mice. <i>Science Bulletin</i> , 2017, 62, 1052-1063.	4.3	16
2016	Endotoxemia-mediated activation of acetyltransferase P300 impairs insulin signaling in obesity. <i>Nature Communications</i> , 2017, 8, 131.	5.8	59
2017	Short-chain fatty acids and inulin, but not guar gum, prevent diet-induced obesity and insulin resistance through differential mechanisms in mice. <i>Scientific Reports</i> , 2017, 7, 6109.	1.6	158
2018	Molecules, Systems and Signaling in Liver Injury. , 2017, , .		0
2019	The Impact of Gut Microbiota on Liver Injury. , 2017, , 251-283.		0
2020	Anti-obesity and anti-diabetic effects of nitrate and nitrite. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 70, 9-24.	1.2	61
2021	Bacteriocins and bacteriophage; a narrow-minded approach to food and gut microbiology. <i>FEMS Microbiology Reviews</i> , 2017, 41, S129-S153.	3.9	74
2022	Aggravation of collagen-induced arthritis by orally administered <i>Porphyromonas gingivalis</i> through modulation of the gut microbiota and gut immune system. <i>Scientific Reports</i> , 2017, 7, 6955.	1.6	141
2023	Gut microbial diversity in health and disease: experience of healthy Indian subjects, and colon carcinoma and inflammatory bowel disease patients. <i>Microbial Ecology in Health and Disease</i> , 2017, 28, 1322447.	3.8	41
2024	Exploring the microbiome in health and disease. <i>Toxicology Research and Application</i> , 2017, 1, 239784731774188.	0.7	36
2025	Intrapartum antibiotics for GBS prophylaxis alter colonization patterns in the early infant gut microbiome of low risk infants. <i>Scientific Reports</i> , 2017, 7, 16527.	1.6	99
2026	Role of innate lymphoid cells in obesity and metabolic disease (Review). <i>Molecular Medicine Reports</i> , 2018, 17, 1403-1412.	1.1	16
2027	Mechanistic Basis for Obesity-related Increases in Ozone-induced Airway Hyperresponsiveness in Mice. <i>Annals of the American Thoracic Society</i> , 2017, 14, S357-S362.	1.5	21

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2029	Genome-scale modeling and transcriptome analysis of <i>Leuconostoc mesenteroides</i> unravel the redox governed metabolic states in obligate heterofermentative lactic acid bacteria. <i>Scientific Reports</i> , 2017, 7, 15721.	1.6	33
2030	Brown rice and retrograded brown rice alleviate inflammatory response in dextran sulfate sodium (DSS)-induced colitis mice. <i>Food and Function</i> , 2017, 8, 4630-4643.	2.1	30
2031	The Association Between Artificial Sweeteners and Obesity. <i>Current Gastroenterology Reports</i> , 2017, 19, 64.	1.1	121
2032	Analysis of the gut microbiome and plasma short-chain fatty acid profiles in a spontaneous mouse model of metabolic syndrome. <i>Scientific Reports</i> , 2017, 7, 15876.	1.6	86
2033	Diet, Gut Microbiota, and Colorectal Cancer Prevention: a Review of Potential Mechanisms and Promising Targets for Future Research. <i>Current Colorectal Cancer Reports</i> , 2017, 13, 429-439.	1.0	32
2034	A polyphenol-rich cranberry extract reverses insulin resistance and hepatic steatosis independently of body weight loss. <i>Molecular Metabolism</i> , 2017, 6, 1563-1573.	3.0	132
2035	A combination of quercetin and resveratrol reduces obesity in high-fat diet-fed rats by modulation of gut microbiota. <i>Food and Function</i> , 2017, 8, 4644-4656.	2.1	419
2036	Dietary Uncoupling of Gut Microbiota and Energy Harvesting from Obesity and Glucose Tolerance in Mice. <i>Cell Reports</i> , 2017, 21, 1521-1533.	2.9	177
2037	Obesity and microbiota: an example of an intricate relationship. <i>Genes and Nutrition</i> , 2017, 12, 18.	1.2	86
2038	Identification of Flavin-Containing Monooxygenase 5 (FMO5) as a Regulator of Glucose Homeostasis and a Potential Sensor of Gut Bacteria. <i>Drug Metabolism and Disposition</i> , 2017, 45, 982-989.	1.7	25
2039	Western Diet-Induced Dysbiosis in Farnesoid X Receptor Knockout Mice Causes Persistent Hepatic Inflammation after Antibiotic Treatment. <i>American Journal of Pathology</i> , 2017, 187, 1800-1813.	1.9	90
2040	Effects of Medium- and Long-Chain Triacylglycerols on Lipid Metabolism and Gut Microbiota Composition in C57BL/6J Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6599-6607.	2.4	66
2041	Hypothesis testing and statistical analysis of microbiome. <i>Genes and Diseases</i> , 2017, 4, 138-148.	1.5	142
2042	Eating Disorders and the Intestinal Microbiota: Mechanisms of Energy Homeostasis and Behavioral Influence. <i>Current Psychiatry Reports</i> , 2017, 19, 51.	2.1	51
2043	Dietary and lifestyle disease indices and caecal microbiota in high fat diet, dietary fibre free diet, or DSS induced IBD models in ICR mice. <i>Journal of Functional Foods</i> , 2017, 35, 605-614.	1.6	45
2044	Orthogonal Comparison of GC-MS and ¹ H NMR Spectroscopy for Short Chain Fatty Acid Quantitation. <i>Analytical Chemistry</i> , 2017, 89, 7900-7906.	3.2	58
2045	Association between body mass index and Firmicutes/Bacteroidetes ratio in an adult Ukrainian population. <i>BMC Microbiology</i> , 2017, 17, 120.	1.3	720

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2047	Nonalcoholic Steatohepatitis. <i>Annual Review of Medicine</i> , 2017, 68, 85-98.	5.0	119
2048	Childhood body mass is positively associated with cesarean birth in Yucatec Maya subsistence farmers. <i>American Journal of Human Biology</i> , 2017, 29, e22920.	0.8	12
2049	A future perspective on neurodegenerative diseases: nasopharyngeal and gut microbiota. <i>Journal of Applied Microbiology</i> , 2017, 122, 306-320.	1.4	17
2050	Survey of (Meta)genomic Approaches for Understanding Microbial Community Dynamics. <i>Indian Journal of Microbiology</i> , 2017, 57, 23-38.	1.5	21
2051	Role of Gastrointestinal Microbiota on Kidney Injury and the Obese Condition. <i>American Journal of the Medical Sciences</i> , 2017, 353, 59-69.	0.4	13
2052	Metagenomic Evaluation of Bacteria from Voles. <i>Vector-Borne and Zoonotic Diseases</i> , 2017, 17, 123-133.	0.6	9
2053	Associations between changes in the maternal gut microbiome and differentially methylated regions of diabetes-associated genes in fetuses: A pilot study from a birth cohort study. <i>Journal of Diabetes Investigation</i> , 2017, 8, 550-553.	1.1	14
2054	Feeding the microbiota-gut-brain axis: diet, microbiome, and neuropsychiatry. <i>Translational Research</i> , 2017, 179, 223-244.	2.2	351
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2058	Gut microbiota after Roux-en-Y gastric bypass and sleeve gastrectomy in a diabetic rat model: Increased diversity and associations of discriminant genera with metabolic changes. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2857.	1.7	52
2059	l-Arginine and Inflammatory Bowel Diseases (IBD). , 2017, , 331-342.		1
2060	Devil in the detail: a closer look at childhood obesity and the gut microbiota. <i>Environmental Microbiology</i> , 2017, 19, 11-12.	1.8	7
2061	Physiological and molecular responses to bariatric surgery: markers or mechanisms underlying T2DM resolution?. <i>Annals of the New York Academy of Sciences</i> , 2017, 1391, 5-19.	1.8	17
2062	$\hat{1}$ -Glucan, but not <i>Lactobacillus plantarum</i> P-8, inhibits lipid accumulation through selected lipid metabolic enzymes in obese rats. <i>Journal of Food Biochemistry</i> , 2017, 41, e12336.	1.2	1
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2066	The infant gut bacterial microbiota and risk of pediatric asthma and allergic diseases. <i>Translational Research</i> , 2017, 179, 60-70.	2.2	109
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2076	Changes in the bacterial microbiome of patients with chronic rhinosinusitis after endoscopic sinus surgery. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 7-15.	1.5	39
2077	Inhibitory effects of dietary soyasaponin on 2,4-dinitrofluorobenzene-induced contact hypersensitivity in mice. <i>Experimental Dermatology</i> , 2017, 26, 249-254.	1.4	13
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2079	Effect of Synbiotic-Assisted Modulation of Gastrointestinal Microbiota on Human Health. , 2017, , 223-236.		1
2080	Systematically investigating the impact of medication on the gut microbiome. <i>Current Opinion in Microbiology</i> , 2017, 39, 128-135.	2.3	65
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2099	In vitro models of the human microbiota and microbiome. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 373-384.	1.1	8
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2105	Nonalcoholic Fatty Liver Disease Is Exacerbated in High-Fat Diet-Fed Gnotobiotic Mice by Colonization with the Gut Microbiota from Patients with Nonalcoholic Steatohepatitis. <i>Nutrients</i> , 2017, 9, 1220.	1.7	120
2106	<i>Kappaphycus alvarezii</i> as a Food Supplement Prevents Diet-Induced Metabolic Syndrome in Rats. <i>Nutrients</i> , 2017, 9, 1261.	1.7	50
2107	Integrated Immunomodulatory Mechanisms through which Long-Chain n-3 Polyunsaturated Fatty Acids Attenuate Obese Adipose Tissue Dysfunction. <i>Nutrients</i> , 2017, 9, 1289.	1.7	28
2108	<i>Lactobacillus rhamnosus</i> GG. , 2017, , 79-88.		10
2109	Taxonomic and Metagenomic Alterations of Microbiota in Bariatric Surgery. , 2017, , 259-265.		0
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2116	Early Microbes Modify Immune System Development and Metabolic Homeostasisâ€™The â€™Restaurantâ€™ Hypothesis Revisited. <i>Frontiers in Endocrinology</i> , 2017, 8, 349.	1.5	86
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2120	The Immune System Bridges the Gut Microbiota with Systemic Energy Homeostasis: Focus on TLRs, Mucosal Barrier, and SCFAs. <i>Frontiers in Immunology</i> , 2017, 8, 1353.	2.2	134
2121	Aged Gut Microbiota Contributes to Systemical Inflammaging after Transfer to Germ-Free Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1385.	2.2	252
2122	Effects of Food Additives on Immune Cells As Contributors to Body Weight Gain and Immune-Mediated Metabolic Dysregulation. <i>Frontiers in Immunology</i> , 2017, 8, 1478.	2.2	44
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2124	Intestinal Microbiota and Weight-Gain in Preterm Neonates. <i>Frontiers in Microbiology</i> , 2017, 8, 183.	1.5	35
2125	Global Fecal and Plasma Metabolic Dynamics Related to <i>Helicobacter pylori</i> Eradication. <i>Frontiers in Microbiology</i> , 2017, 8, 536.	1.5	7
2126	Gut Microbiota Modulation and Its Relationship with Obesity Using Prebiotic Fibers and Probiotics: A Review. <i>Frontiers in Microbiology</i> , 2017, 8, 563.	1.5	262
2127	The Hologenome Across Environments and the Implications of a Host-Associated Microbial Repertoire. <i>Frontiers in Microbiology</i> , 2017, 8, 802.	1.5	68
2128	Vaginal and Uterine Bacterial Communities in Postpartum Lactating Cows. <i>Frontiers in Microbiology</i> , 2017, 8, 1047.	1.5	52
2129	Geography, Ethnicity or Subsistence-Specific Variations in Human Microbiome Composition and Diversity. <i>Frontiers in Microbiology</i> , 2017, 8, 1162.	1.5	695
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2149	The desert gerbil <i>Psammomys obesus</i> as a model for metformin-sensitive nutritional type 2 diabetes to protect hepatocellular metabolic damage: Impact of mitochondrial redox state. <i>PLoS ONE</i> , 2017, 12, e0172053.	1.1	14
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2157	Characterizations of oral microbiota in elderly nursing home residents with diabetes. <i>Journal of Oral Science</i> , 2017, 59, 549-555.	0.7	35
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2206	Sex differences in risk factors of uncomplicated colonic diverticulosis in a metropolitan area from Northern China. <i>Scientific Reports</i> , 2018, 8, 138.	1.6	8
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2208	Metaorganisms in extreme environments: do microbes play a role in organismal adaptation?. <i>Zoology</i> , 2018, 127, 1-19.	0.6	194
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2355	Impact of <i>Agaricus bisporus</i> Mushroom Consumption on Gut Health Markers in Healthy Adults. <i>Nutrients</i> , 2018, 10, 1402.	1.7	43
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2375	Fecal microbiota transplantation confers beneficial metabolic effects of diet and exercise on diet-induced obese mice. <i>Scientific Reports</i> , 2018, 8, 15625.	1.6	122
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2384	The impact of exercise training and resveratrol supplementation on gut microbiota composition in high-fat diet fed mice. <i>Physiological Reports</i> , 2018, 6, e13881.	0.7	24
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2521	<i>N</i> -Acetylcysteine alleviates gut dysbiosis and glucose metabolic disorder in high-fat diet-fed mice. Journal of Diabetes, 2019, 11, 32-45.	0.8	39
2522	Differences in gut microbiota associated with age, sex, and stool consistency in healthy Japanese subjects. Journal of Gastroenterology, 2019, 54, 53-63.	2.3	190
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2836	The Play of Genes and Non-genetic Factors on Type 2 Diabetes. <i>Frontiers in Public Health</i> , 2019, 7, 349.	1.3	52
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2852	The bidirectional interaction of the gut microbiome and the innate immune system: Implications for chemotherapy-induced gastrointestinal toxicity. <i>International Journal of Cancer</i> , 2019, 144, 2365-2376.	2.3	48
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2934	Gut microbiota and obesity: Impact of antibiotics and prebiotics and potential for musculoskeletal health. <i>Journal of Sport and Health Science</i> , 2020, 9, 110-118.	3.3	20
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2936	<i>Leuconostoc mesenteroides</i> subsp. <i>mesenteroides</i> SD23 Prevents Metabolic Dysfunction Associated with High-Fat Diet-Induced Obesity in Male Mice. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 505-516.	1.9	12
2937	The association between gut microbiome and anthropometric measurements in Bangladesh. <i>Gut Microbes</i> , 2020, 11, 63-76.	4.3	31
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2939	Food processing, gut microbiota and the globesity problem. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 1769-1782.	5.4	51
2940	Weight loss probiotic supplementation effect in overweight and obesity subjects: A review. <i>Clinical Nutrition</i> , 2020, 39, 694-704.	2.3	17
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2944	No changes in gut microbiota after two-week sleep extension in chronically sleep-deprived individuals. <i>Sleep Medicine</i> , 2020, 68, 27-30.	0.8	12
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2948	Effects of Fecal Microbiota Transplantation With Oral Capsules in Obese Patients. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 855-863.e2.	2.4	171
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2952	Modified apple polysaccharide regulates microbial dysbiosis to suppress high-fat diet-induced obesity in C57BL/6J mice. <i>European Journal of Nutrition</i> , 2020, 59, 2025-2037.	1.8	7
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2958	The Role of Ames Dwarfism and Calorie Restriction on Gut Microbiota. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, e1-e8.	1.7	16
2959	Impact of probiotics and prebiotics targeting metabolic syndrome. <i>Journal of Functional Foods</i> , 2020, 64, 103666.	1.6	50
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2966	Gut microbiota composition alterations are associated with the onset of diabetes in kidney transplant recipients. <i>PLoS ONE</i> , 2020, 15, e0227373.	1.1	18
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2968	Resveratrol and the Interaction between Gut Microbiota and Arterial Remodelling. <i>Nutrients</i> , 2020, 12, 119.	1.7	20
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2972	Dietary fiber isolated from sweet potato residues promotes a healthy gut microbiome profile. <i>Food and Function</i> , 2020, 11, 689-699.	2.1	46
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2976	Dietary adzuki bean paste dose-dependently reduces visceral fat accumulation in rats fed a normal diet. <i>Food Research International</i> , 2020, 130, 108890.	2.9	17
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2978	The effect of fly maggot in pig feeding diets on growth performance and gut microbial balance in Ningxiang pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1867-1874.	1.0	3
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2981	Targeting the 16S rRNA Gene for Bacterial Identification in Complex Mixed Samples: Comparative Evaluation of Second (Illumina) and Third (Oxford Nanopore Technologies) Generation Sequencing Technologies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 298.	1.8	117
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2986	Exercise Training Modulates Gut Microbiota Profile and Improves Endotoxemia. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 94-104.	0.2	159
2987	Intestinal Dysbiosis and Markers of Systemic Inflammation in Viscerally and Generally Obese Persons Living With HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 83, 81-89.	0.9	9
2988	The "Culture" of Pain Control: A Review of Opioid-Induced Dysbiosis (OID) in Antinociceptive Tolerance. <i>Journal of Pain</i> , 2020, 21, 751-762.	0.7	5
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2991	Interactions between host and gut microbiota in domestic pigs: a review. <i>Gut Microbes</i> , 2020, 11, 310-334.	4.3	81
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3003	Oral delivery of bacteria: Basic principles and biomedical applications. <i>Journal of Controlled Release</i> , 2020, 327, 801-833.	4.8	55
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3522	Contribution of Gut Microbiota to Immunological Changes in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2021, 12, 683068.	2.2	25
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3528	Gut microbiome, prebiotics, intestinal permeability and diabetes complications. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101507.	2.2	63
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3543	Effect of Freezing on Gut Microbiota Composition and Functionality for In Vitro Fermentation Experiments. <i>Nutrients</i> , 2021, 13, 2207.	1.7	4
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3555	Gut microbiota, body weight and histopathological examinations in experimental infection by methicillin-resistant <i>Staphylococcus aureus</i> : antibiotic versus bacteriocin. <i>Beneficial Microbes</i> , 2021, 12, 295-305.	1.0	7
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3558	Obesity Causes Abrupt Changes in the Testicular Microbiota and Sperm Motility of Zebrafish. <i>Frontiers in Immunology</i> , 2021, 12, 639239.	2.2	10
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3579	Bile Acids, Their Receptors, and the Gut Microbiota. <i>Physiology</i> , 2021, 36, 235-245.	1.6	31
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3585	Dietary Selection Pressures and Their Impact on the Gut Microbiome. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 7-18.	2.3	32
3586	Exploring the Gut Microbiota and Cardiovascular Disease. <i>Metabolites</i> , 2021, 11, 493.	1.3	22
3587	Tree-aggregated predictive modeling of microbiome data. <i>Scientific Reports</i> , 2021, 11, 14505.	1.6	13
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3593	Effect of different types of sugar on gut physiology and microbiota in overfed goose. <i>Poultry Science</i> , 2021, 100, 101208.	1.5	6
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3595	Multifaceted Impacts of Periodontal Pathogens in Disorders of the Intestinal Barrier. <i>Frontiers in Immunology</i> , 2021, 12, 693479.	2.2	8
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3599	Effect of gut microbiome on minor complications after a colonoscopy. <i>Intestinal Research</i> , 2021, 19, 341-348.	1.0	5
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3603	Potential gut-brain mechanisms behind adverse mental health outcomes of bariatric surgery. <i>Nature Reviews Endocrinology</i> , 2021, 17, 549-559.	4.3	23
3604	High sucrose diet-induced dysbiosis of gut microbiota promotes fatty liver and hyperlipidemia in rats. <i>Journal of Nutritional Biochemistry</i> , 2021, 93, 108621.	1.9	33
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3947	Modulation of Adipocyte Metabolism by Microbial Short-Chain Fatty Acids. <i>Nutrients</i> , 2021, 13, 3666.	1.7	23
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3950	Obesity Modulates the Gut Microbiome in Triple-Negative Breast Cancer. <i>Nutrients</i> , 2021, 13, 3656.	1.7	15
3951	Associations of imbalance of intestinal flora with severity of disease, inflammatory factors, adiponectin, and vascular endothelial function of hypertension patients. <i>Kaohsiung Journal of Medical Sciences</i> , 2022, 38, 165-173.	0.8	4
3952	Complementary Food Ingredients Alter Infant Gut Microbiome Composition and Metabolism In Vitro. <i>Microorganisms</i> , 2021, 9, 2089.	1.6	6
3953	Gut microbiota dysbiosis of type 2 diabetic mice impairs the intestinal daily rhythms of GLP-1 sensitivity. <i>Acta Diabetologica</i> , 2022, 59, 243-258.	1.2	8
3954	Effects of Probiotics and Synbiotics on Weight Loss in Subjects with Overweight or Obesity: A Systematic Review. <i>Nutrients</i> , 2021, 13, 3627.	1.7	41
3955	Gut microbiota and its metabolites: Bridge of dietary nutrients and obesity-related diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3236-3253.	5.4	18
3956	The Interplay between Insulin Resistance, Inflammation, Oxidative Stress, Base Excision Repair and Metabolic Syndrome in Nonalcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11128.	1.8	58
3957	Role of the gut microbiota in airway immunity and host defense against respiratory infections. <i>Biological Chemistry</i> , 2021, 402, 1481-1491.	1.2	7
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3963	Mechanisms by Which Obesity Promotes Acute Graft-Versus-Host Disease in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 752484.	2.2	9
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4002	Gut Microbiota: Physiology and Relationship with Inflammatory Bowel Disease. Open Journal of Endocrine and Metabolic Diseases, 2013, 03, 283-292.	0.2	0
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4038	Obesity, Cardiometabolic Risk, and Chronic Kidney Disease. , 2016, , 181-198.		1
4039	The Human Microbiome and Clinical Immunology. , 0, , 19-25.		0
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4050	Metabolik Sendrom Tedavisinde BaÄ±rsak MikrobiyotasÄ±n Probiyotikler ve Åzelinde Saccharomyces Boulardii ile ModÄlasyonu. <i>Anadolu KliniÄyi TÄp Bilimleri Dergisi</i> , 0, , .	0.1	0
4052	Chapter 3 Impact of maternal prenatal psychosocial stress and maternal obesity on infant microbiota. , 2017, , 57-78.		1
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4058	Gut Microbiome and Its Potential Role in Obesity. <i>Journal of Restorative Medicine</i> , 2017, 6, 46-52.	0.7	0
4059	The state of gut microbiota and clinical-metabolic features in children with overweight and obesity. <i>Russian Journal of Evidence-Based Gastroenterology</i> , 2018, 7, 4.	0.3	2
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4100	Governance of the gut. Journal of Critical Dietetics, 2020, 5, 34-44.	0.2	1
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4107	Effect of probiotics (Vitacogen) supplementation on the performance, apparent digestibility and microbiota in the gastrointestinal tract in pigs. Nihon Chikusan Gakkaiho, 2020, 91, 217-225.	0.0	0
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4125	Gastrointestinal Tract: Intestinal Fatty Acid Metabolism and Implications for Health. , 2020, , 369-387.		0
4127	Genetically engineered microbes for sustainable therapies. , 2020, , 125-145.		0
4128	Metabolic Pathways Underlying Neuropsychiatric Disorders and Obesity. , 2020, , 415-426.		0
4129	Effects of the Bio-accumulative Environmental Pollutants on the Gut Microbiota. , 2020, , 109-143.		1
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4142	Over-feeding the gut microbiome: A scoping review on health implications and therapeutic perspectives. World Journal of Gastroenterology, 2021, 27, 7041-7064.	1.4	10
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4145	Effect of mulberry galacto-oligosaccharide isolated from mulberry on glucose metabolism and gut microbiota in a type 2 diabetic mice. <i>Journal of Functional Foods</i> , 2021, 87, 104836.	1.6	8
4146	Molecular Approaches to Detection of Bacteria in Critical Care Patients. , 2007, , 44-52.		0
4147	Inflamm-Aging. , 2009, , 893-918.		0
4148	The invasive red-eared slider turtle is more successful than the native Chinese three-keeled pond turtle: evidence from the gut microbiota. <i>PeerJ</i> , 2020, 8, e10271.	0.9	14
4150	Effects of voluntary exercise on plasma and urinary metabolites and gut microbiota in mice fed with high-fat-diet. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2020, 9, 205-215.	0.2	0
4152	Impact of Endocrine Disorders on Gastrointestinal Diseases. <i>Endocrinology</i> , 2021, , 179-225.	0.1	1
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4159	Variation in the gut microbiota of laboratory mice is related to both genetic and environmental factors. <i>Comparative Medicine</i> , 2010, 60, 336-47.	0.4	152
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4161	The microbiome in non-alcoholic fatty liver disease: associations and implications. <i>Annals of Gastroenterology</i> , 2014, 27, 181-183.	0.4	4
4162	Gut bacteria in health and disease. <i>Gastroenterology and Hepatology</i> , 2013, 9, 560-9.	0.2	120
4163	Obesity and irritable bowel syndrome: a comprehensive review. <i>Gastroenterology and Hepatology</i> , 2014, 10, 411-6.	0.2	25
4164	Part 1: The Human Gut Microbiome in Health and Disease. <i>Integrative Medicine</i> , 2014, 13, 17-22.	0.1	104
4167	Effect of Antibiotic Administration during Infancy on Growth Curves through Young Adulthood in Rhesus Macaques (). <i>Comparative Medicine</i> , 2017, 67, 270-276.	0.4	2

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4170	The effect of saturated and unsaturated fatty acids on the production of outer membrane vesicles from and. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2019, 12, 155-162.	0.6	8
4171	Chronic Superantigen Toxic Shock Syndrome Toxin-1 Exposure Accelerates the Progression of Atherosclerosis in Rabbits. <i>Acta Cardiologica Sinica</i> , 2020, 36, 24-32.	0.1	1
4172	The association between gut microbiota, cholesterol gallstones, and colorectal cancer. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2019, 12, S8-S13.	0.6	5
4173	Microbiome Understanding in Maternity Study (MUMS), an Australian prospective longitudinal cohort study of maternal and infant microbiota: study protocol. <i>BMJ Open</i> , 2020, 10, e040189.	0.8	3
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4176	Ligature induced periodontitis in rats causes gut dysbiosis leading to hepatic injury through SCD1/AMPK signalling pathway. <i>Life Sciences</i> , 2022, 288, 120162.	2.0	11
4177	Microbial metabolites beneficial in regulation of obesity. , 2022, , 355-375.		1
4178	Anti-obesity natural products and gut microbiota. <i>Food Research International</i> , 2022, 151, 110819.	2.9	23
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4180	The association between body mass index and the oral Firmicutes and Bacteroidetes profiles of healthy individuals. <i>Malaysian Family Physician</i> , 2021, 16, 36-43.	0.2	7
4181	The global scientific publications on gut microbiota in type 2 diabetes; a bibliometric, Scientometric, and descriptive analysis. <i>Journal of Diabetes and Metabolic Disorders</i> , 2022, 21, 13-32.	0.8	8
4182	Implications of Gut Microbiota in Complex Human Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12661.	1.8	20
4183	Building up a clinical microbiota profiling: a quality framework proposal. <i>Critical Reviews in Microbiology</i> , 2022, 48, 356-375.	2.7	6
4184	Honey bee genetics shape the strain-level structure of gut microbiota in social transmission. <i>Microbiome</i> , 2021, 9, 225.	4.9	33
4185	Hepatocellular Carcinoma in Non-Alcoholic Fatty Liver Disease: From Epidemiology to Diagnostic Approach. <i>Cancers</i> , 2021, 13, 5844.	1.7	27
4186	Seasonal diets supersede host species in shaping the distal gut microbiota of Yaks and Tibetan sheep. <i>Scientific Reports</i> , 2021, 11, 22626.	1.6	5

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4188	The interaction among gut microbes, the intestinal barrier and short chain fatty acids. <i>Animal Nutrition</i> , 2022, 9, 159-174.	2.1	59
4189	Effect of cranberry supplementation on toxins produced by the gut microbiota in chronic kidney disease patients: A pilot randomized placebo-controlled trial. <i>Clinical Nutrition ESPEN</i> , 2022, 47, 63-69.	0.5	8
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