Colonic mucosal microbiome differs from stool microbi
encephalopathy and is linked to cognition and inflamm

American Journal of Physiology - Renal Physiology

303, G675-G685

DOI: 10.1152/ajpgi.00152.2012

Citation Report

#	Article	IF	Citations
1	Methanogenesis in Irritable Bowel Syndrome: A Lot of Hot Air?. Digestive Diseases and Sciences, 2012, 57, 3045-3046.	2.3	3
2	Answers to Multiple Choice Questions. Journal of Clinical and Experimental Hepatology, 2012, 2, 200-205.	0.9	0
3	Gut Microbiota, Inflammation and Hepatic Encephalopathy: A Puzzle with a Solution in Sight. Journal of Clinical and Experimental Hepatology, 2012, 2, 207-210.	0.9	22
4	Answers to Multiple Choice Questions. Journal of Clinical and Experimental Hepatology, 2012, 2, 401-406.	0.9	0
5	Large-Scale Survey of Gut Microbiota Associated With MHE Via 16S rRNA-Based Pyrosequencing. American Journal of Gastroenterology, 2013, 108, 1601-1611.	0.4	149
6	Antibiotics for the treatment of hepatic encephalopathy. Metabolic Brain Disease, 2013, 28, 307-312.	2.9	90
7	Modulation of the fecal bile acid profile by gut microbiota in cirrhosis. Journal of Hepatology, 2013, 58, 949-955.	3.7	613
8	The gut microbiota and the liver: implications for clinical practice. Expert Review of Gastroenterology and Hepatology, 2013, 7, 723-732.	3.0	17
9	Inflammation and hepatic encephalopathy. Archives of Biochemistry and Biophysics, 2013, 536, 189-196.	3.0	114
10	Gutâ€"Liver Axis: Role of Inflammasomes. Journal of Clinical and Experimental Hepatology, 2013, 3, 141-149.	0.9	34
11	Intestinal epithelial barrier function in liver cirrhosis: an extensive review of the literature. Liver International, 2013, 33, 1457-1469.	3.9	101
12	Gut microbiota and hepatic encephalopathy. Metabolic Brain Disease, 2013, 28, 321-326.	2.9	50
13	Linking intestinal homeostasis and liver disease. Current Opinion in Gastroenterology, 2013, 29, 264-270.	2.3	71
14	Cirrhosis, bile acids and gut microbiota. Gut Microbes, 2013, 4, 382-387.	9.8	276
15	Relevance of Commensal Microbiota in the Treatment and Prevention of Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2013, 19, 2478-2489.	1.9	19
16	Probiotics and Liver Disease. , 2013, 17, 62-67.		41
17	Effects of Parental Omega-3 Fatty Acid Intake on Offspring Microbiome and Immunity. PLoS ONE, 2014, 9, e87181.	2.5	50
18	Effects of Î²-Lactam Antibiotics and Fluoroquinolones on Human Gut Microbiota in Relation to Clostridium difficile Associated Diarrhea. PLoS ONE, 2014, 9, e89417.	2.5	61

#	Article	IF	Citations
19	Gut Microbiomes of Indian Children of Varying Nutritional Status. PLoS ONE, 2014, 9, e95547.	2.5	154
20	Exposure to a social stressor disrupts the community structure of the colonic mucosa-associated microbiota. BMC Microbiology, 2014, 14, 189.	3.3	292
21	Microbiome Composition by Pyrosequencing in Mesenteric Lymph Nodes of Rats with CCl₄-Induced Cirrhosis. Journal of Innate Immunity, 2014, 6, 263-271.	3.8	19
22	Systems biology analysis of omeprazole therapy in cirrhosis demonstrates significant shifts in gut microbiota composition and function. American Journal of Physiology - Renal Physiology, 2014, 307, G951-G957.	3.4	125
23	The Gut Microbiome and the Brain. Journal of Medicinal Food, 2014, 17, 1261-1272.	1.5	498
24	Functional gene arrays-based analysis of fecal microbiomes in patients with liver cirrhosis. BMC Genomics, 2014, 15, 753.	2.8	36
25	Bile acids and the gut microbiome. Current Opinion in Gastroenterology, 2014, 30, 332-338.	2.3	990
26	Brain-gut axis in the pathogenesis ofHelicobacter pyloriinfection. World Journal of Gastroenterology, 2014, 20, 5212.	3.3	78
27	Modulation of Intestinal Microbiota by the Probiotic VSL#3 Resets Brain Gene Expression and Ameliorates the Age-Related Deficit in LTP. PLoS ONE, 2014, 9, e106503.	2.5	175
28	The role of microbiota in hepatic encephalopathy. Gut Microbes, 2014, 5, 397-403.	9.8	157
29	Pathological bacterial translocation in liver cirrhosis. Journal of Hepatology, 2014, 60, 197-209.	3.7	651
30	Hepatic Encephalopathy Involves Interactions Among the Microbiota, Gut, Brain. Clinical Gastroenterology and Hepatology, 2014, 12, 1009-1011.	4.4	11
31	Bacterial infections in cirrhosis: A position statement based on the EASL Special Conference 2013. Journal of Hepatology, 2014, 60, 1310-1324.	3.7	685
32	Treatment Options for Covert Hepatic Encephalopathy. Current Treatment Options in Gastroenterology, 2014, 12, 229-241.	0.8	0
33	The role of microbiome in central nervous system disorders. Brain, Behavior, and Immunity, 2014, 38, 1-12.	4.1	629
34	Interactions Between the Intestinal Microbiome and Liver Diseases. Gastroenterology, 2014, 146, 1513-1524.	1.3	806
35	The first 1000 cultured species of the human gastrointestinal microbiota. FEMS Microbiology Reviews, 2014, 38, 996-1047.	8.6	923
36	Altered profile of human gut microbiome is associated with cirrhosis and its complications. Journal of Hepatology, 2014, 60, 940-947.	3.7	873

#	Article	IF	Citations
37	Drug-induced removal of nitrogen derivatives in urine: A new concept whose time has come. Hepatology, 2014, 59, 764-766.	7.3	6
38	Pathophysiology, diagnosis, and management of hepatic encephalopathy. Inflammopharmacology, 2014, 22, 319-326.	3.9	10
39	Randomised clinical trial: Lactobacillus GG modulates gut microbiome, metabolome and endotoxemia in patients with cirrhosis. Alimentary Pharmacology and Therapeutics, 2014, 39, 1113-1125.	3.7	234
40	Large intestine permeability is increased in patients with compensated liver cirrhosis. American Journal of Physiology - Renal Physiology, 2014, 306, G147-G153.	3.4	40
41	A simple and accurate HPLC method for fecal bile acid profile in healthy and cirrhotic subjects: validation by GC-MS and LC-MS. Journal of Lipid Research, 2014, 55, 978-990.	4.2	108
42	Colonic inflammation and secondary bile acids in alcoholic cirrhosis. American Journal of Physiology - Renal Physiology, 2014, 306, G929-G937.	3.4	151
43	Bacterial translocation in liver cirrhosis: Site and role in fibrogenesis. Journal of Hepatology, 2014, 61, 709-710.	3.7	9
44	Microbiota-liver axis in hepatic disease. Hepatology, 2014, 59, 328-339.	7.3	272
45	Gut microbiota-related complications in cirrhosis. World Journal of Gastroenterology, 2014, 20, 15624.	3.3	46
46	Gut Microbiota Alterations can predict Hospitalizations in Cirrhosis Independent of Diabetes Mellitus. Scientific Reports, 2015, 5, 18559.	3.3	74
49	Does lowâ€dose rifaximin ameliorate endotoxemia in patients with liver cirrhosis: a prospective study. Journal of Digestive Diseases, 2015, 16, 665-674.	1.5	11
50	The relationship between faecal-associated and mucosal-associated microbiota in irritable bowel syndrome patients and healthy subjects. Alimentary Pharmacology and Therapeutics, 2015, 42, 1211-1221.	3.7	117
51	Gut dysbiosis in acuteâ€onâ€chronic liver failure and its predictive value for mortality. Journal of Gastroenterology and Hepatology (Australia), 2015, 30, 1429-1437.	2.8	131
52	Spontaneous bacterial peritonitis: The clinical challenge of a leaky gut and a cirrhotic liver. World Journal of Hepatology, 2015, 7, 304.	2.0	48
53	Gut microbiota and liver diseases. World Journal of Gastroenterology, 2015, 21, 1691.	3.3	136
54	Hepatorenal syndrome: Update on diagnosis and treatment. World Journal of Nephrology, 2015, 4, 511.	2.0	37
55	Gut Microbiota and Host Reaction in Liver Diseases. Microorganisms, 2015, 3, 759-791.	3.6	47
56	Center Variation in Intestinal Microbiota Prior to Late-Onset Sepsis in Preterm Infants. PLoS ONE, 2015, 10, e0130604.	2.5	61

#	Article	IF	Citations
57	Microbiome and complications of liver disease. Clinical Liver Disease, 2015, 5, 96-99.	2.1	3
58	Human, donkey and cow milk differently affects energy efficiency and inflammatory state by modulating mitochondrial function and gut microbiota. Journal of Nutritional Biochemistry, 2015, 26, 1136-1146.	4.2	63
59	Gut microbiome composition is associated with temperament during early childhood. Brain, Behavior, and Immunity, 2015, 45, 118-127.	4.1	148
60	Beneficial effects of soy milk and fiber on high cholesterol diet-induced alteration of gut microbiota and inflammatory gene expression in rats. Food and Function, 2015, 6, 492-500.	4.6	97
61	Dynamic changes of the luminal and mucosa-associated gut microbiota during and after antibiotic therapy with paromomycin. Gut Microbes, 2015, 6, 243-254.	9.8	82
62	Mechanisms of decompensation and organ failure in cirrhosis: From peripheral arterial vasodilation to systemic inflammation hypothesis. Journal of Hepatology, 2015, 63, 1272-1284.	3.7	463
63	Intestinal Blautia Is Associated with Reduced Death from Graft-versus-Host Disease. Biology of Blood and Marrow Transplantation, 2015, 21, 1373-1383.	2.0	619
64	Alcoholic Liver Disease: The Gut Microbiome and Liver Cross Talk. Alcoholism: Clinical and Experimental Research, 2015, 39, 763-775.	2.4	226
65	Salivary microbiota reflects changes in gut microbiota in cirrhosis with hepatic encephalopathy. Hepatology, 2015, 62, 1260-1271.	7.3	272
66	The gut microbiota of nonalcoholic fatty liver disease: current methods and their interpretation. Hepatology International, 2015, 9, 406-415.	4.2	33
67	Clinical and Pathophysiological Consequences of Alterations in the Microbiome in Cirrhosis. American Journal of Gastroenterology, 2015, 110, 1399-1410.	0.4	33
68	Decompensated cirrhosis and microbiome interpretation. Nature, 2015, 525, E1-E2.	27.8	90
69	Qin et al. reply. Nature, 2015, 525, E2-E3.	27.8	3
70	CSF biomarkers of monocyte activation and chemotaxis correlate with magnetic resonance spectroscopy metabolites during chronic HIV disease. Journal of NeuroVirology, 2015, 21, 559-567.	2.1	36
71	Gut Microbiota: Its Role in Hepatic Encephalopathy. Journal of Clinical and Experimental Hepatology, 2015, 5, S29-S36.	0.9	128
72	8. Mikrobiom und Lebererkrankungen. , 2016, , .		2
73	Is intestinal oxidative stress involved in patients with compensated liver cirrhosis?. Annals of Hepatology, 2016, 15, 402-409.	1.5	5
74	Intestinal permeability in a patient with liver cirrhosis. Therapeutics and Clinical Risk Management, 2016, Volume 12, 1729-1748.	2.0	33

#	Article	IF	Citations
75	Mucosal Interactions between Genetics, Diet, and Microbiome in Inflammatory Bowel Disease. Frontiers in Immunology, 2016, 7, 290.	4.8	93
76	Comparative In silico Analysis of Butyrate Production Pathways in Gut Commensals and Pathogens. Frontiers in Microbiology, 2016, 7, 1945.	3.5	171
77	Characterization of the Gut Microbial Community of Obese Patients Following a Weight-Loss Intervention Using Whole Metagenome Shotgun Sequencing. PLoS ONE, 2016, 11, e0149564.	2.5	229
78	Novel Strategies for Applied Metagenomics. Inflammatory Bowel Diseases, 2016, 22, 709-718.	1.9	25
79	Microbiota and Liver. , 2016, , 25-34.		1
80	Gut microbiota drive the development of neuroinflammatory response in cirrhosis in mice. Hepatology, 2016, 64, 1232-1248.	7.3	83
81	Microbiome and bacterial translocation in cirrhosis. GastroenterologÃa Y HepatologÃa (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50	0.1	5
82	Gut microbiome and liver diseases. Gut, 2016, 65, 2035-2044.	12.1	443
83	The Role of Antibiotics in Gut Microbiota Modulation: The Eubiotic Effects of Rifaximin. Digestive Diseases, 2016, 34, 269-278.	1.9	105
84	Cirrhosis and dysbiosis: New insights from nextâ€generation sequencing. Hepatology, 2016, 63, 336-338.	7.3	7
85	Impact of Hypocaloric Hyperproteic Diet on Gut Microbiota in Overweight or Obese Patients with Nonalcoholic Fatty Liver Disease: A Pilot Study. Digestive Diseases and Sciences, 2016, 61, 2721-2731.	2.3	56
86	Review article: potential mechanisms of action of rifaximin in the management of irritable bowel syndrome with diarrhoea. Alimentary Pharmacology and Therapeutics, 2016, 43, 37-49.	3.7	61
87	Japanese traditional dietary fungus koji Aspergillus oryzae functions as a prebiotic for Blautia coccoides through glycosylceramide: Japanese dietary fungus koji is a new prebiotic. SpringerPlus, 2016, 5, 1321.	1.2	41
88	Impaired Gut-Liver-Brain Axis in Patients with Cirrhosis. Scientific Reports, 2016, 6, 26800.	3.3	163
89	Multiple sclerosis patients have a distinct gut microbiota compared to healthy controls. Scientific Reports, 2016, 6, 28484.	3.3	660
90	Changes of Intestinal Functions in Liver Cirrhosis. Inflammatory Intestinal Diseases, 2016, 1, 24-40.	1.9	4,709
91	Human Microbiome and its Association With Health and Diseases. Journal of Cellular Physiology, 2016, 231, 1688-1694.	4.1	98
92	Role of rifaximin in the treatment of hepatic encephalopathy. GastroenterologÃa Y HepatologÃa (English Edition), 2016, 39, 282-292.	0.1	2

#	Article	IF	Citations
93	Know your neighbor: Microbiota and host epithelial cells interact locally to control intestinal function and physiology. BioEssays, 2016, 38, 455-464.	2.5	63
94	Microbioma y traslocaciÃ³n bacteriana en la cirrosis. GastroenterologÃa Y HepatologÃa, 2016, 39, 687-696.	0.5	16
95	Bloodstream infections in patients with liver cirrhosis. Virulence, 2016, 7, 309-319.	4.4	67
96	Review article: potential mechanisms of action of rifaximin in the management of hepatic encephalopathy and other complications of cirrhosis. Alimentary Pharmacology and Therapeutics, 2016, 43, 11-26.	3.7	98
97	Intestinal microbiota in liver disease. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2016, 30, 133-142.	2.4	65
98	Characterization of the gut microbiome in epidemiologic studies: the multiethnic cohort experience. Annals of Epidemiology, 2016, 26, 373-379.	1.9	42
99	What we know: the inflammatory basis of hepatic encephalopathy. Metabolic Brain Disease, 2016, 31, 1239-1247.	2.9	9
100	The Gut Microbiome and Cirrhosis: Basic Aspects. , 2016, , 139-168.		1
101	The Gut Microbiome and Cirrhosis: Clinical Aspects. , 2016, , 169-184.		0
103	Microbiome to Brain: Unravelling the Multidirectional Axes of Communication. Advances in Experimental Medicine and Biology, 2016, 874, 301-336.	1.6	50
104	What is new about diet in hepatic encephalopathy. Metabolic Brain Disease, 2016, 31, 1289-1294.	2.9	30
105	Gut biogeography of the bacterial microbiota. Nature Reviews Microbiology, 2016, 14, 20-32.	28.6	1,772
107	Clinical science workshop: targeting the gut-liver-brain axis. Metabolic Brain Disease, 2016, 31, 1327-1337.	2.9	23
108	Serum Bile Acids Are Associated with Pathological Progression of Hepatitis B-Induced Cirrhosis. Journal of Proteome Research, 2016, 15, 1126-1134.	3.7	78
109	Gut microbiota profiling of pediatric nonalcoholic fatty liver disease and obese patients unveiled by an integrated metaâ€omicsâ€based approach. Hepatology, 2017, 65, 451-464.	7.3	572
110	Roseburia spp.: a marker of health?. Future Microbiology, 2017, 12, 157-170.	2.0	483
111	Gut Microbiota and Complications of Liver Disease. Gastroenterology Clinics of North America, 2017, 46, 155-169.	2.2	73
112	Saccharin induced liver inflammation in mice by altering the gut microbiota and its metabolic functions. Food and Chemical Toxicology, 2017, 107, 530-539.	3.6	129

#	Article	IF	Citations
113	The gut microbiota: A new potential driving force in liver cirrhosis and hepatocellular carcinoma. United European Gastroenterology Journal, 2017, 5, 944-953.	3.8	55
114	The Human Gut Microbiome in Liver Diseases. Seminars in Liver Disease, 2017, 37, 128-140.	3.6	30
115	The microbiome, immunity, and schizophrenia and bipolar disorder. Brain, Behavior, and Immunity, 2017, 62, 46-52.	4.1	209
116	Effect of different treatments and alcohol addiction on gut microbiota in minimal hepatic encephalopathy patients. Experimental and Therapeutic Medicine, 2017, 14, 4887-4895.	1.8	14
117	Rifaximin treatment is associated with reduced risk of cirrhotic complications and prolonged overall survival in patients experiencing hepatic encephalopathy. Alimentary Pharmacology and Therapeutics, 2017, 46, 845-855.	3.7	73
118	Bifidobacterium pseudocatenulatum LI09 and Bifidobacterium catenulatum LI10 attenuate D-galactosamine-induced liver injury by modifying the gut microbiota. Scientific Reports, 2017, 7, 8770.	3.3	70
119	The Impact of Gut Microbiota on Liver Injury. , 2017, , 251-283.		0
121	Lactulose reduces bacterial <scp>DNA</scp> translocation, which worsens neurocognitive shape in cirrhotic patients with minimal hepatic encephalopathy. Liver International, 2017, 37, 212-223.	3.9	28
122	Gut microbiome and liver disease. Translational Research, 2017, 179, 49-59.	5.0	78
123	The Microbiome in Primary Sclerosing Cholangitis: Current Evidence and Potential Concepts. Seminars in Liver Disease, 2017, 37, 314-331.	3.6	52
124	Hepatic encephalopathy. Gastroenterology Report, 2017, 5, 138-147.	1.3	105
125	HIV-associated changes in the enteric microbial community: potential role in loss of homeostasis and development of systemic inflammation. Current Opinion in Infectious Diseases, 2017, 30, 31-43.	3.1	78
127	Distinct gut microbiota profiles in patients with primary sclerosing cholangitis and ulcerative colitis. World Journal of Gastroenterology, 2017, 23, 4548.	3.3	274
128	Interactions between Bacteria and Bile Salts in the Gastrointestinal and Hepatobiliary Tracts. Frontiers in Medicine, 2017, 4, 163.	2.6	289
129	Effects of coconut oil on glycemia, inflammation, and urogenital microbial parameters in female Ossabaw mini-pigs. PLoS ONE, 2017, 12, e0179542.	2.5	14
130	Faecal bacterial microbiota in patients with cirrhosis and the effect of lactulose administration. BMC Gastroenterology, 2017, 17, 125.	2.0	37
131	Gut Microbiome-based Therapeutics in Liver Cirrhosis: Basic Consideration for the Next Step. Journal of Clinical and Translational Hepatology, 2017, 5, 249-260.	1.4	41
132	Concurrent gut transcriptome and microbiota profiling following chronic ethanol consumption in nonhuman primates. Gut Microbes, 2018, 9, 1-19.	9.8	41

#	Article	IF	Citations
133	Microbiota and the liver. Liver Transplantation, 2018, 24, 539-550.	2.4	33
134	Alterations of the Gut Microbiota in Hashimoto's Thyroiditis Patients. Thyroid, 2018, 28, 175-186.	4.5	141
135	Gutâ€"liver axis, cirrhosis and portal hypertension: the chicken and the egg. Hepatology International, 2018, 12, 24-33.	4.2	149
136	Beneficial effects of Rifaximin in postâ€infectious irritable bowel syndrome mouse model beyond gut microbiota. Journal of Gastroenterology and Hepatology (Australia), 2018, 33, 443-452.	2.8	32
137	Review article: the gut microbiome as a therapeutic target in the pathogenesis and treatment of chronic liver disease. Alimentary Pharmacology and Therapeutics, 2018, 47, 192-202.	3.7	174
138	Harnessing Gut Microbes for Mental Health: Getting From Here to There. Biological Psychiatry, 2018, 83, 214-223.	1.3	129
139	Reciprocal interactions between bile acids and gut microbiota in human liver diseases. Hepatology Research, 2018, 48, 15-27.	3.4	37
140	Management of bacterial and fungal infections in end stage liver disease and liver transplantation: Current options and future directions. World Journal of Gastroenterology, 2018, 24, 4311-4329.	3.3	38
141	Xenobiotic and endobiotic handling by the mucosal immune system. Current Opinion in Gastroenterology, 2018, 34, 404-412.	2.3	6
142	Intestinal Microbiome and the Liver. , 2018, , 37-65.e6.		0
143	Preliminary experience with single fecal microbiota transplant for treatment of recurrent overt hepatic encephalopathyâ€"A case series. Indian Journal of Gastroenterology, 2018, 37, 559-562.	1.4	34
144	Genetics and sex influence peripheral and central innate immune responses and blood-brain barrier integrity. PLoS ONE, 2018, 13, e0205769.	2.5	34
145	Clinical impact of microbiome in patients with decompensated cirrhosis. World Journal of Gastroenterology, 2018, 24, 3813-3820.	3.3	27
146	Effect of Food Thermal Processing on the Composition of the Gut Microbiota. Journal of Agricultural and Food Chemistry, 2018, 66, 11500-11509.	5.2	50
147	Passing the â€œAcid Testâ€: Do Proton Pump Inhibitors Affect the Composition of the Microbiome?. Digestive Diseases and Sciences, 2018, 63, 2817-2819.	2.3	3
148	Gut microbiome correlates with altered striatal dopamine receptor expression in a model of compulsive alcohol seeking. Neuropharmacology, 2018, 141, 249-259.	4.1	76
149	Combining amplicon sequencing and metabolomics in cirrhotic patients highlights distinctive microbiota features involved in bacterial translocation, systemic inflammation and hepatic encephalopathy. Scientific Reports, 2018, 8, 8210.	3.3	63
150	Gut microbiotaâ€immuneâ€brain interactions in chemotherapyâ€associated behavioral comorbidities. Cancer, 2018, 124, 3990-3999.	4.1	73

#	Article	IF	Citations
151	Hepatic encephalopathy: current challenges and future prospects. Hepatic Medicine: Evidence and Research, 2018, Volume 10, 1-11.	2.5	36
152	Splenectomy Leads to Amelioration of Altered Gut Microbiota and Metabolome in Liver Cirrhosis Patients. Frontiers in Microbiology, 2018, 9, 963.	3.5	38
153	Gut Microbiota Profiling and Gutâ€"Brain Crosstalk in Children Affected by Pediatric Acute-Onset Neuropsychiatric Syndrome and Pediatric Autoimmune Neuropsychiatric Disorders Associated With Streptococcal Infections. Frontiers in Microbiology, 2018, 9, 675.	3.5	88
154	Faecal microbiota transplantation alters gut microbiota in patients with irritable bowel syndrome: results from a randomised, double-blind placebo-controlled study. Gut, 2018, 67, 2107-2115.	12.1	250
155	Effects of chronic noise exposure on the microbiome-gut-brain axis in senescence-accelerated prone mice: implications for Alzheimerâ€™s disease. Journal of Neuroinflammation, 2018, 15, 190.	7.2	76
156	Periodontal therapy favorably modulates the oral-gut-hepatic axis in cirrhosis. American Journal of Physiology - Renal Physiology, 2018, 315, G824-G837.	3.4	61
157	The gut microbiome as a driver of individual variation in cognition and functional behaviour. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170286.	4.0	98
158	Proteus spp. as Putative Gastrointestinal Pathogens. Clinical Microbiology Reviews, 2018, 31, .	13.6	111
159	Role of Exercise in the Management of Hepatic Encephalopathy: Experience From Animal and Human Studies. Journal of Clinical and Experimental Hepatology, 2019, 9, 131-136.	0.9	11
160	Improved hemodynamic and liver function in portal hypertensive cirrhotic rats after administration of B. pseudocatenulatum CECT 7765. European Journal of Nutrition, 2019, 58, 1647-1658.	3.9	13
161	Management of Hepatic Encephalopathy in the Neurocritical Care Unit. , 2019, , 370-381.		0
162	Alterations in Skin Microbiomes of Patients With Cirrhosis. Clinical Gastroenterology and Hepatology, 2019, 17, 2581-2591.e15.	4.4	15
163	Different duck products protein on rat physiology and gut microbiota. Journal of Proteomics, 2019, 206, 103436.	2.4	14
164	The acidic pathway of bile acid synthesis: Not just an alternative pathway. Liver Research, 2019, 3, 88-98.	1.4	88
165	Bacteroides in colonic mucosa-associated microbiota affects the development of minimal hepatic encephalopathy in patients with cirrhosis. Hepatology International, 2019, 13, 482-489.	4.2	13
166	Probiotics for Alleviating Alcoholic Liver Injury. Gastroenterology Research and Practice, 2019, 2019, 1-8.	1.5	26
167	Isolation and Identification of Lactobacillus plantarum HFY05 from Natural Fermented Yak Yogurt and Its Effect on Alcoholic Liver Injury in Mice. Microorganisms, 2019, 7, 530.	3.6	32
168	Role of Gut Dysbiosis in Liver Diseases: What Have We Learned So Far?. Diseases (Basel, Switzerland), 2019, 7, 58.	2.5	84

#	Article	IF	Citations
169	Infectious Threats, the Intestinal Barrier, and Its Trojan Horse: Dysbiosis. Frontiers in Microbiology, 2019, 10, 1676.	3.5	92
170	Lactulose improves cognition, quality of life, and gut microbiota in minimal hepatic encephalopathy: A multicenter, randomized controlled trial. Journal of Digestive Diseases, 2019, 20, 547-556.	1.5	57
171	Dietary approach and gut microbiota modulation for chronic hepatic encephalopathy in cirrhosis. World Journal of Hepatology, 2019, 11, 489-512.	2.0	34
172	Stool sampling and DNA isolation kits affect DNA quality and bacterial composition following 16S rRNA gene sequencing using MiSeq Illumina platform. Scientific Reports, 2019, 9, 13837.	3.3	40
173	Lactulose drives a reversible reduction and qualitative modulation of the faecal microbiota diversity in healthy dogs. Scientific Reports, 2019, 9, 13350.	3.3	11
174	The microbiome and immunodeficiencies: Lessons from rare diseases. Journal of Autoimmunity, 2019, 98, 132-148.	6.5	35
175	The links between the gut microbiome and non-alcoholic fatty liver disease (NAFLD). Cellular and Molecular Life Sciences, 2019, 76, 1541-1558.	5.4	333
176	Short-term effects of direct-acting antiviral agents on inflammation and gut microbiota in hepatitis C-infected patients. European Journal of Internal Medicine, 2019, 67, 47-58.	2.2	26
177	Other Precipitating Factors for AECHB. , 2019, , 315-369.		1
178	Hepatic progenitor cell activation is induced by the depletion of the gut microbiome in mice. MicrobiologyOpen, 2019, 8, e873.	3.0	6
179	Predicting Clinical Outcomes of Cirrhosis Patients With Hepatic Encephalopathy From the Fecal Microbiome. Cellular and Molecular Gastroenterology and Hepatology, 2019, 8, 301-318.e2.	4.5	76
180	Increases in Colonic Bacterial Diversity after Ï‰-3 Fatty Acid Supplementation Predict Decreased Colonic Prostaglandin E2 Concentrations in Healthy Adults. Journal of Nutrition, 2019, 149, 1170-1179.	2.9	20
181	Fecal Microbial Transplant Capsules Are Safe in Hepatic Encephalopathy: A Phase 1, Randomized, Placeboâ€Controlled Trial. Hepatology, 2019, 70, 1690-1703.	7.3	196
182	Metformin attenuates the onset of non-alcoholic fatty liver disease and affects intestinal microbiota and barrier in small intestine. Scientific Reports, 2019, 9, 6668.	3.3	80
183	Spotlight on Impactful Research: Impact of Liver Transplantation on Gut Microbiota and Cognitive Function. Clinical Liver Disease, 2019, 13, 72-73.	2.1	1
184	Structural shifts in the intestinal microbiota of rats treated with cyclosporine A after orthotropic liver transplantation. Frontiers of Medicine, 2019, 13, 451-460.	3.4	16
185	Faecal microbiota from patients with cirrhosis has a low capacity to ferment nonâ€digestible carbohydrates into shortâ€chain fatty acids. Liver International, 2019, 39, 1437-1447.	3.9	91
186	Effect of a Multistrain Probiotic on Cognitive Function and Risk of Falls in Patients With Cirrhosis: A Randomized Trial. Hepatology Communications, 2019, 3, 632-645.	4.3	47

#	Article	IF	Citations
187	Role of the intestinal microbiome in liver fibrosis development and new treatment strategies. Translational Research, 2019, 209, 22-38.	5.0	51
188	Sequential Changes in the Mesenteric Lymph Node Microbiome and Immune Response during Cirrhosis Induction in Rats. MSystems, 2019, 4, .	3.8	14
189	Non-nutritive Sweeteners and Glycaemic Control. Current Atherosclerosis Reports, 2019, 21, 49.	4.8	14
190	Specific Gut and Salivary Microbiota Patterns Are Linked With Different Cognitive Testing Strategies in Minimal Hepatic Encephalopathy. American Journal of Gastroenterology, 2019, 114, 1080-1090.	0.4	50
191	Gut Microbiota Dysbiosis Is Associated with Altered Bile Acid Metabolism in Infantile Cholestasis. MSystems, 2019, 4, .	3.8	39
192	Altered Microbiome in Patients With Cirrhosis and Complications. Clinical Gastroenterology and Hepatology, 2019, 17, 307-321.	4.4	105
193	Rifaximinâ€altered gut microbiota components associated with liver/neuropsychological functions in patients with hepatic encephalopathy: An exploratory data analysis of phase II/III clinical trials. Hepatology Research, 2019, 49, 404-418.	3.4	28
194	Inulin-type fructans improve active ulcerative colitis associated with microbiota changes and increased short-chain fatty acids levels. Gut Microbes, 2019, 10, 334-357.	9.8	114
195	Altered fecal microbiota composition in the Flinders sensitive line rat model of depression. Psychopharmacology, 2019, 236, 1445-1457.	3.1	44
196	Alteration in gut microbiota associated with hepatitis B and non-hepatitis virus related hepatocellular carcinoma. Gut Pathogens, 2019, 11, 1.	3.4	143
197	Bifidobacterium adolescentis CGMCC 15058 alleviates liver injury, enhances the intestinal barrier and modifies the gut microbiota in d-galactosamine-treated rats. Applied Microbiology and Biotechnology, 2019, 103, 375-393.	3.6	51
198	Potential mechanisms linking gut microbiota and portal hypertension. Liver International, 2019, 39, 598-609.	3.9	34
199	Gut microbiota as a source of novel antimicrobials. Gut Microbes, 2019, 10, 1-21.	9.8	179
200	The gut-liver axis in liver disease: Pathophysiological basis for therapy. Journal of Hepatology, 2020, 72, 558-577.	3.7	935
201	Mechanisms and consequences of gut commensal translocation in chronic diseases. Gut Microbes, 2020, 11, 217-230.	9.8	67
202	Altered gut microbiota and mucosal immunity in patients with schizophrenia. Brain, Behavior, and Immunity, 2020, 85, 120-127.	4.1	137
203	Ambient temperature alters body size and gut microbiota of Xenopus tropicalis. Science China Life Sciences, 2020, 63, 915-925.	4.9	20
204	Lower gut microbiome diversity and higher abundance of proinflammatory genus Collinsella are associated with biopsy-proven nonalcoholic steatohepatitis. Gut Microbes, 2020, 11, 569-580.	9.8	125

#	Article	IF	Citations
205	The effects of n-butanol on oxidative stress and apoptosis in zebra fish (Danio rerio) larvae. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 227, 108636.	2.6	7
206	Pilot study investigating the effect of enteral and parenteral nutrition on the gastrointestinal microbiome postâ€allogeneic transplantation. British Journal of Haematology, 2020, 188, 570-581.	2.5	37
207	Role of gut microbiota in liver disease. American Journal of Physiology - Renal Physiology, 2020, 318, G84-G98.	3.4	78
208	Gut microbiota in nonâ€alcoholic fatty liver disease and alcoholâ€related liver disease: Current concepts and perspectives. Hepatology Research, 2020, 50, 407-418.	3.4	35
209	<tt>MDiNE</tt>: a model to estimate differential co-occurrence networks in microbiome studies. Bioinformatics, 2020, 36, 1840-1847.	4.1	30
210	Jinzhi protects lipopolysaccharide-treated mice against mortality by repairing intestinal mucosal barrier damage and intestinal microecology. Biomedicine and Pharmacotherapy, 2020, 123, 109749.	5.6	9
211	Manipulation of microbiota with probiotics as an alternative for treatment of hepatic encephalopathy. Nutrition, 2020, 73, 110693.	2.4	12
212	Expert insights: The potential role of the gut microbiomeâ€bile acidâ€brain axis in the development and progression of Alzheimer's disease and hepatic encephalopathy. Medicinal Research Reviews, 2020, 40, 1496-1507.	10.5	45
213	Lactobacillus rhamnosus Granules Dose-Dependently Balance Intestinal Microbiome Disorders and Ameliorate Chronic Alcohol-Induced Liver Injury. Journal of Medicinal Food, 2020, 23, 114-124.	1.5	37
214	Early-life gut dysbiosis linked to juvenile mortality in ostriches. Microbiome, 2020, 8, 147.	11.1	30
215	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. EBioMedicine, 2020, 55, 102769.	6.1	36
216	Serum Levels of Metabolites Produced by Intestinal Microbes and Lipid Moieties Independently Associated With Acute-on-Chronic Liver Failure and Death in Patients With Cirrhosis. Gastroenterology, 2020, 159, 1715-1730.e12.	1.3	65
217	Landscapes of bacterial and metabolic signatures and their interaction in major depressive disorders. Science Advances, 2020, 6, .	10.3	178
218	Metagenomic analysis of gut microbiota in non-treated plaque psoriasis patients stratified by disease severity: development of a new Psoriasis-Microbiome Index. Scientific Reports, 2020, 10, 12754.	3.3	58
219	Neurodegeneration in juvenile Iberian pigs with diet-induced nonalcoholic fatty liver disease. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E592-E606.	3.5	19
220	A longitudinal study reveals the alterations of the Microtus fortis colonic microbiota during the natural resistance to Schistosoma japonicum infection. Experimental Parasitology, 2020, 219, 108030.	1.2	1
221	Novel Organic Mineral Complex Prevents High-Fat Diet-Induced Changes in the Gut and Liver of Male Sprague-Dawley Rats. Journal of Nutrition and Metabolism, 2020, 2020, 1-16.	1.8	2
222	Gut Microbiome Signatures Are Biomarkers for Cognitive Impairment in Patients With Ischemic Stroke. Frontiers in Aging Neuroscience, 2020, 12, 511562.	3.4	52

#	Article	IF	Citations
223	Effect of flavophospholipol on fecal microbiota in weaned pigs challenged with Salmonella Typhimurium. Porcine Health Management, 2020, 6, 14.	2.6	1
224	The Influence of Small Intestinal Bacterial Overgrowth in Digestive and Extra-Intestinal Disorders. International Journal of Molecular Sciences, 2020, 21, 3531.	4.1	37
225	Contribution of the Intestinal Microbiome and Gut Barrier to Hepatic Disorders. Gastroenterology, 2020, 159, 849-863.	1.3	202
226	A story of liver and gut microbes: how does the intestinal flora affect liver disease? A review of the literature. American Journal of Physiology - Renal Physiology, 2020, 318, G889-G906.	3.4	83
227	Gut Microbiota Altered in Mild Cognitive Impairment Compared With Normal Cognition in Sporadic Parkinson's Disease. Frontiers in Neurology, 2020, 11, 137.	2.4	103
228	Traditional Chinese Medicine Formula Kang Shuai Lao Pian Improves Obesity, Gut Dysbiosis, and Fecal Metabolic Disorders in High-Fat Diet-Fed Mice. Frontiers in Pharmacology, 2020, 11, 297.	3.5	46
229	Identifying mechanisms that predict weight trajectory after bariatric surgery: rationale and design of the biobehavioral trial. Surgery for Obesity and Related Diseases, 2020, 16, 1816-1826.	1.2	20
230	Abnormalities in gut microbiota and serum metabolites in hemodialysis patients with mild cognitive decline: a single-center observational study. Psychopharmacology, 2020, 237, 2739-2752.	3.1	8
231	Dietary supplementation with spray-dried porcine plasma has prebiotic effects on gut microbiota in mice. Scientific Reports, 2020, 10, 2926.	3.3	21
232	Nonpharmacologic Management of Hepatic Encephalopathy. Clinics in Liver Disease, 2020, 24, 243-261.	2.1	5
233	Diversity, compositional and functional differences between gut microbiota of children and adults. Scientific Reports, 2020, 10, 1040.	3.3	89
234	Microbiota changes and intestinal microbiota transplantation in liver diseases and cirrhosis. Journal of Hepatology, 2020, 72, 1003-1027.	3.7	123
236	The Controversial Role of Human Gut Lachnospiraceae. Microorganisms, 2020, 8, 573.	3.6	777
237	MICOM: Metagenome-Scale Modeling To Infer Metabolic Interactions in the Gut Microbiota. MSystems, 2020, 5, .	3.8	126
238	Fluid Biomarkers for Predicting the Prognosis of Liver Cirrhosis. BioMed Research International, 2020, 2020, 1-10.	1.9	7
239	Self-reported sleep quality is associated with gut microbiome composition in young, healthy individuals: a pilot study. Sleep Medicine, 2020, 73, 76-81.	1.6	52
240	Rifaximin Alleviates Endotoxemia with Decreased Serum Levels of Soluble CD163 and Mannose Receptor and Partial Modification of Gut Microbiota in Cirrhotic Patients. Antibiotics, 2020, 9, 145.	3.7	33
241	Liver Fibrosis: Mechanistic Concepts and Therapeutic Perspectives. Cells, 2020, 9, 875.	4.1	516

#	Article	IF	Citations
242	The diversity of gut microbiota in type 2 diabetes with or without cognitive impairment. Aging Clinical and Experimental Research, 2021, 33, 589-601.	2.9	33
243	Alterations of gut microbiota and serum bile acids are associated with parenteral nutrition-associated liver disease. Journal of Pediatric Surgery, 2021, 56, 738-744.	1.6	14
244	Influence of Probiotic Fermented Fruit and Vegetables on Human Health and the Related Industrial Development Trend. Engineering, 2021, 7, 212-218.	6.7	31
245	Threeâ€Dimensional Quantitative Imaging of Native Microbiota Distribution in the Gut. Angewandte Chemie - International Edition, 2021, 60, 3055-3061.	13.8	31
246	Chronic Liver Diseases and the Microbiomeâ€"Translating Our Knowledge of Gut Microbiota to Management of Chronic Liver Disease. Gastroenterology, 2021, 160, 556-572.	1.3	49
247	Utilizing the gut microbiome in decompensated cirrhosis and acute-on-chronic liver failure. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 167-180.	17.8	97
248	Gut microbiome, liver immunology, and liver diseases. Cellular and Molecular Immunology, 2021, 18, 4-17.	10.5	182
249	Threeâ€Dimensional Quantitative Imaging of Native Microbiota Distribution in the Gut. Angewandte Chemie, 2021, 133, 3092-3098.	2.0	1
250	The gut microbiota in hepatic encephalopathy. , 2021, , 187-204.		0
251	Probiotics improve the neurometabolic profile of rats with chronic cholestatic liver disease. Scientific Reports, 2021, 11, 2269.	3.3	19
252	Gut Microbiota Modulation and Fecal Transplantation: An Overview on Innovative Strategies for Hepatic Encephalopathy Treatment. Journal of Clinical Medicine, 2021, 10, 330.	2.4	33
253	Intestinal microbiome and metabolome analyses reveal metabolic disorders in the early stage of renal transplantation. Molecular Omics, 2021, 17, 985-996.	2.8	2
254	Gut microbiome profiles associated with steatosis severity in metabolic associated fatty liver disease. , 0, , .		2
255	Fecal microbiota transplantation in hepatic encephalopathy : a review of the current evidence and future perspectives. Acta Gastro-Enterologica Belgica, 2021, 84, 87-90.	1.0	4
256	Toll-Like Receptors Recognize Intestinal Microbes in Liver Cirrhosis. Frontiers in Immunology, 2021, 12, 608498.	4.8	16
257	Western Diet Aggravated Carbon Tetrachlorideâ€Induced Chronic Liver Injury by Disturbing Gut Microbiota and Bile Acid Metabolism. Molecular Nutrition and Food Research, 2021, 65, e2000811.	3.3	10
258	Malnutrition in Patients with Liver Cirrhosis. Nutrients, 2021, 13, 540.	4.1	57
259	Novel Insights Into Pathogenesis and Therapeutic Strategies of Hepatic Encephalopathy, From the Gut Microbiota Perspective. Frontiers in Cellular and Infection Microbiology, 2021, 11, 586427.	3.9	9

#	Article	IF	Citations
260	The Microbiome Meets Nanotechnology: Opportunities and Challenges in Developing New Diagnostic Devices. Advanced Materials, 2021, 33, e2006104.	21.0	24
261	The Microbiome-Gut-Brain Axis and Resilience to Developing Anxiety or Depression under Stress. Microorganisms, 2021, 9, 723.	3.6	50
262	Cichorium pumilum Jacq Extract Inhibits LPS-Induced Inflammation via MAPK Signaling Pathway and Protects Rats From Hepatic Fibrosis Caused by Abnormalities in the Gut-Liver Axis. Frontiers in Pharmacology, 2021, 12, 683613.	3.5	11
263	Proteobacteria abundance during nursing predicts physical growth and brain volume at one year of age in young rhesus monkeys. FASEB Journal, 2021, 35, e21682.	0.5	8
264	Human Gut Microbiome and Liver Diseases: From Correlation to Causation. Microorganisms, 2021, 9, 1017.	3.6	16
265	The Role of the Microbiome in Liver Cancer. Cancers, 2021, 13, 2330.	3.7	16
266	Intestinal Permeability Is a Mechanical Rheostat in the Pathogenesis of Liver Cirrhosis. International Journal of Molecular Sciences, 2021, 22, 6921.	4.1	16
267	Optimized bacterial DNA isolation method for microbiome analysis of human tissues. MicrobiologyOpen, 2021, 10, e1191.	3.0	21
268	Effect of Niacin on Growth Performance, Intestinal Morphology, Mucosal Immunity and Microbiota Composition in Weaned Piglets. Animals, 2021, 11, 2186.	2.3	8
269	Characteristic dysbiosis in gout and the impact of a uric acid-lowering treatment, febuxostat on the gut microbiota. Journal of Genetics and Genomics, 2021, 48, 781-791.	3.9	23
270	The Microbiota/Microbiome and the Gutâ€"Brain Axis: How Much Do They Matter in Psychiatry?. Life, 2021, 11, 760.	2.4	12
271	Influences of food contaminants and additives on gut microbiota as well as protective effects of dietary bioactive compounds. Trends in Food Science and Technology, 2021, 113, 180-192.	15.1	15
272	The Interplay between Gut Microbiota and the Immune System in Liver Transplant Recipients and Its Role in Infections. Infection and Immunity, 2021, 89, e0037621.	2.2	13
273	Intestinal virome and therapeutic potential of bacteriophages in liver disease. Journal of Hepatology, 2021, 75, 1465-1475.	3.7	28
274	Therapeutic Applications of Resveratrol in Hepatic Encephalopathy through Its Regulation of the Microbiota, Brain Edema, and Inflammation. Journal of Clinical Medicine, 2021, 10, 3819.	2.4	7
275	Vitamin C Supplementation in Healthy Individuals Leads to Shifts of Bacterial Populations in the Gutâ€"A Pilot Study. Antioxidants, 2021, 10, 1278.	5.1	35
276	Polysaccharides Obtained from Cordyceps militaris Alleviate Hyperglycemia by Regulating Gut Microbiota in Mice Fed a High-Fat/Sucrose Diet. Foods, 2021, 10, 1870.	4.3	20
277	Perturbation of the mucosa-associated anaerobic gut microbiota in streptozotocin-induced diabetic rats. Acta Biologica Szegediensis, 2021, 65, 75-84.	0.3	4

#	Article	IF	Citations
278	Microbiome Metabolites and Thyroid Dysfunction. Journal of Clinical Medicine, 2021, 10, 3609.	2.4	31
279	Leaky Gut and Gut-Liver Axis in Liver Cirrhosis: Clinical Studies Update. Gut and Liver, 2021, 15, 666-676.	2.9	54
280	Microbiota and viral hepatitis: State of the art of a complex matter. World Journal of Gastroenterology, 2021, 27, 5488-5501.	3.3	9
281	Relevance of organ(s)-on-a-chip systems to the investigation of food-gut microbiota-host interactions. Critical Reviews in Microbiology, 2022, 48, 463-488.	6.1	20
282	Effect of dietary histamine on intestinal morphology, inflammatory status, and gut microbiota in yellow catfish (Pelteobagrus fulvidraco). Fish and Shellfish Immunology, 2021, 117, 95-103.	3.6	17
283	Characterization of Intestinal Microbiota and Serum Metabolites in Patients with Mild Hepatic Encephalopathy. , 2021, 05, .		0
284	Lactic Acid Bacteria and the Human Gastrointestinal Tract. , 2014, , 375-441.		3
285	Gut Microbiota and Liver Injury (II): Chronic Liver Injury. Advances in Experimental Medicine and Biology, 2020, 1238, 39-54.	1.6	10
286	From correlation to causality: the case of Subdoligranulum. Gut Microbes, 2020, 12, 1849998.	9.8	192
287	Discovery of a novel lantibiotic nisin O from Blautia obeum A2-162, isolated from the human gastrointestinal tract. Microbiology (United Kingdom), 2017, 163, 1292-1305.	1.8	79
291	Microbiota, cirrhosis, and the emerging oral-gut-liver axis. JCI Insight, 2017, 2, .	5.0	163
292	Modulation of the Metabiome by Rifaximin in Patients with Cirrhosis and Minimal Hepatic Encephalopathy. PLoS ONE, 2013, 8, e60042.	2.5	340
293	Intestinal Lesions Are Associated with Altered Intestinal Microbiome and Are More Frequent in Children and Young Adults with Cystic Fibrosis and Cirrhosis. PLoS ONE, 2015, 10, e0116967.	2.5	78
294	Resistant Starch Alters the Microbiota-Gut Brain Axis: Implications for Dietary Modulation of Behavior. PLoS ONE, 2016, 11, e0146406.	2.5	45
295	Dysbiosis of the Duodenal Mucosal Microbiota Is Associated With Increased Small Intestinal Permeability in Chronic Liver Disease. Clinical and Translational Gastroenterology, 2019, 10, e00068.	2.5	13
296	Metabolite quantification of faecal extracts from colorectal cancer patients and healthy controls. Oncotarget, 2018, 9, 33278-33289.	1.8	26
297	The Role of the Gut Microbiome in Liver Cirrhosis Treatment. International Journal of Molecular Sciences, 2021, 22, 199.	4.1	52
298	Risk factors and outcome of bacterial infections in cirrhosis. World Journal of Gastroenterology, 2014, 20, 2542.	3.3	102

#	Article	IF	Citations
299	Microbiota and the gut-liver axis: Bacterial translocation, inflammation and infection in cirrhosis. World Journal of Gastroenterology, 2014, 20, 16795.	3.3	187
300	Effect of rifaximin on gut microbiota composition in advanced liver disease and its complications. World Journal of Gastroenterology, 2015, 21, 12322.	3.3	65
301	Rifaximin ameliorates hepatic encephalopathy and endotoxemia without affecting the gut microbiome diversity. World Journal of Gastroenterology, 2017, 23, 8355-8366.	3.3	85
302	Implication of the intestinal microbiome in complications of cirrhosis. World Journal of Hepatology, 2016, 8, 1128.	2.0	25
303	Artificial Sweeteners: History and New Concepts on Inflammation. Frontiers in Nutrition, 2021, 8, 746247.	3.7	31
304	Functional insights on probiotics activity in the gut from metagenomic data. Beneficial Microbes, 2021, 12, 613-615.	2.4	0
305	Predictive Value of Gut Microbiome for Cognitive Impairment in Patients with Hypertension. Disease Markers, 2021, 2021, 1-9.	1.3	3
306	Bisdemethoxycurcumin attenuates lipopolysaccharide-induced intestinal damage through improving barrier integrity, suppressing inflammation, and modulating gut microbiota in broilers. Journal of Animal Science, 2021, 99, .	0.5	14
307	Use of Complementary and Alternative Therapies in Hepatic Disorders. , 2015, , 375-396.		0
308	Portosystemic Encephalopathy. , 2017, , 481-506.		0
309	16 Use of Complementary and Alternative Therapies in Hepatic Disorders. , 2017, , 375-396.		0
310	Diversity of intestinal microflora in tibetan patients with liver cirrhosis based on high-throughput sequencing. World Chinese Journal of Digestology, 2019, 27, 1142-1148.	0.1	0
311	Infections in Critically Ill Cirrhosis Patients. , 2020, , 105-122.		0
312	Advocate cultivation of academic ethics: why is it necessary?. F1000Research, 2019, 8, 1830.	1.6	2
314	The Role of Gut Dysbiosis in Acute-on-Chronic Liver Failure. International Journal of Molecular Sciences, 2021, 22, 11680.	4.1	7
315	Gut Microbiota Metabolism of Bile Acids Could Contribute to the Bariatric Surgery Improvements in Extreme Obesity. Metabolites, 2021, 11, 733.	2.9	10
316	Biogeography of the large intestinal mucosal and luminal microbiome in cynomolgus macaques with depressive-like behavior. Molecular Psychiatry, 2022, 27, 1059-1067.	7.9	17
317	The Microbiota-Gut-Liver Axis: Implications for the Pathophysiology of Liver Disease. , 2020, , 125-137.		0

#	Article	IF	Citations
318	GUT MICROBIOTA, PREBIOTICS, PROBIOTICS, AND SYNBIOTICS IN GASTROINTESTINAL AND LIVER DISEASES: PROCEEDINGS OF A JOINT MEETING OF THE BRAZILIAN SOCIETY OF HEPATOLOGY (SBH), BRAZILIAN NUCLEUS FOR THE STUDY OF HELICOBACTER PYLORI AND MICROBIOTA (NBEHPM), AND BRAZILIAN FEDERATION OF GASTROENTEROLOGY (FBG). Arquivos De Gastroenterologia, 2020, 57, 381-398.	0.8	5
319	The Mucosally-Adherent Rectal Microbiota Contains Features Unique to Alcohol-Related Cirrhosis. Gut Microbes, 2021, 13, 1987781.	9.8	10
322	Advocate cultivation of academic ethics: why is it necessary?. F1000Research, 2019, 8, 1830.	1.6	1
323	Rifaximin-Alpha and Other Crystalline Forms of Rifaximin: Are There Any Differences?. Antibiotiki I Khimioterapiya, 2020, 65, 52-62.	0.6	1
324	The Relationship Between the Gut Microbiota and Liver Disease. Gastroenterology and Hepatology, 2015, 11, 626-8.	0.1	1
325	Hepatic Encephalopathy in the Hospitalized Patient: A Review for Hospitalists. Missouri Medicine, 2019, 116, 308-312.	0.3	0
326	Roseburia intestinalis: A Beneficial Gut Organism From the Discoveries in Genus and Species. Frontiers in Cellular and Infection Microbiology, 2021, 11, 757718.	3.9	139
327	Gut Microbes and Hepatic Encephalopathy: From the Old Concepts to New Perspectives. Frontiers in Cell and Developmental Biology, 2021, 9, 748253.	3.7	11
328	Stool microbiota are superior to saliva in distinguishing cirrhosis and hepatic encephalopathy using machine learning. Journal of Hepatology, 2022, 76, 600-607.	3.7	12
329	Involvement of Gut Microbiota in the Development of Psoriasis Vulgaris. Frontiers in Nutrition, 2021, 8, 761978.	3.7	9
330	The Effects of Consuming White Button Mushroom Agaricus bisporus on the Brain and Liver Metabolome Using a Targeted Metabolomic Analysis. Metabolites, 2021, 11, 779.	2.9	2
331	Approaches to Sampling the Respiratory Microbiome. Respiratory Medicine, 2022, , 3-19.	0.1	2
332	Microbial Therapeutics in Liver Disease. , 2022, , 271-285.		1
333	Application of fecal microbial transplantation in hepatic encephalopathy after transjugular intrahepatic portosystemic shunt. Medicine (United States), 2022, 101, e28584.	1.0	5
334	Recent Advances in Understanding the Structure and Function of the Human Microbiome. Frontiers in Microbiology, 2022, 13, 825338.	3.5	32
335	Circulating microbiome in patients with portal hypertension. Gut Microbes, 2022, 14, 2029674.	9.8	22
336	Characterization of intestinal microbiota and serum metabolites in patients with mild hepatic encephalopathy. Open Life Sciences, 2022, 17, 139-154.	1.4	3
337	The Role of Gut Microbiota in Neuropsychiatric Diseases â€“ Creation of An Atlas-Based on Quantified Evidence. Frontiers in Cellular and Infection Microbiology, 2022, 12, 831666.	3.9	14

#	Article	IF	Citations
338	Mucosal fungi promote gut barrier function and social behavior via Type 17 immunity. Cell, 2022, 185, 831-846.e14.	28.9	133
339	Breath Testing and Small Bowel Organisms in Clinical Practice. JPGN Reports, 2022, 3, e186.	0.4	0
340	Gut Microbiota Targeted Approach in the Management of Chronic Liver Diseases. Frontiers in Cellular and Infection Microbiology, 2022, 12, 774335.	3.9	15
341	Restoration of the gut microbiota is associated with a decreased risk of hepatic encephalopathy after TIPS. JHEP Reports, 2022, 4, 100448.	4.9	7
342	The Gut-Liver Axis in Health and Disease: The Role of Gut Microbiota-Derived Signals in Liver Injury and Regeneration. Frontiers in Immunology, 2021, 12, 775526.	4.8	53
343	Protective Effect of Intestinal Blautia Against Neutropenic Fever in Allogeneic Transplant Recipients. Clinical Infectious Diseases, 2022, 75, 1912-1920.	5.8	5
344	Relationship between gut microbiome characteristics and the effect of nutritional therapy on glycemic control in pregnant women with gestational diabetes mellitus. PLoS ONE, 2022, 17, e0267045.	2.5	7
345	Increased rate of enteric bacteria as cause of periprosthetic joint infections in patients with liver cirrhosis. BMC Infectious Diseases, 2022, 22, 389.	2.9	3
346	Editorial: The Microbiome in Hepatobiliary and Intestinal Disease. Frontiers in Physiology, 2022, 13, 893074.	2.8	6
379	Decreased diversity of salivary microbiome in patients with stable decompensated cirrhosis.. Hippokratia, 2020, 24, 157-165.	0.3	0
380	Artificial Sweeteners: Perceptions and Realities. Current Diabetes Reviews, 2023, 19, .	1.3	1
381	The influence of bacterial infections on the course and outcome of patients with liver cirrhosis: Prophylaxis and treatment. , 2017, 51, 1-6.		0
382	Microbial-derived metabolites as a risk factor of age-related cognitive decline and dementia. Molecular Neurodegeneration, 2022, 17, .	10.8	59
383	Intestinal dysbiosis and inflammation in cystic fibrosis impacts gut and multi-organ axes. Medicine in Microecology, 2022, 13, 100057.	1.6	3
384	Escherichia/Shigella, SCFAs, and Metabolic Pathwaysâ€"The Triad That Orchestrates Intestinal Dysbiosis in Patients with Decompensated Alcoholic Cirrhosis from Western Mexico. Microorganisms, 2022, 10, 1231.	3.6	22
386	Predictive value of serum bile acids as metabolite biomarkers for liver cirrhosis: a systematic review and meta-analysis. Metabolomics, 2022, 18, .	3.0	7
387	The Role of Gut Microbiota in Some Liver Diseases: From an Immunological Perspective. Frontiers in Immunology, 0, 13, .	4.8	21
388	Effect of Dietary Methylsulfonylmethane Supplementation on Growth Performance, Hair Quality, Fecal Microbiota, and Metabolome in Ragdoll Kittens. Frontiers in Microbiology, 0, 13, .	3.5	1

#	Article	IF	Citations
389	The Core Human Microbiome: Does It Exist and How Can We Find It? A Critical Review of the Concept. Nutrients, 2022, 14, 2872.	4.1	16
390	Beneficial Shifts in Gut Microbiota by Lacticaseibacillus rhamnosus R0011 and Lactobacillus helveticus R0052 in Alcoholic Hepatitis. Microorganisms, 2022, 10, 1474.	3.6	6
391	A pilot study characterizing longitudinal changes in fecal microbiota of patients with Hirschsprung-associated enterocolitis. Pediatric Surgery International, 0, , .	1.4	3
392	The Link between Gut Microbiota and Hepatic Encephalopathy. International Journal of Molecular Sciences, 2022, 23, 8999.	4.1	18
393	The relationship between the number of stenotic coronary arteries and the gut microbiome in coronary heart disease patients. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	4
394	Duodenal Permeability Is Associated With Mucosal Microbiota in Compensated Cirrhosis. Clinical and Translational Gastroenterology, 2022, 13, e00522.	2.5	4
395	Probiotic Lactobacilli ameliorate alcohol-induced hepatic damage via gut microbial alteration. Frontiers in Microbiology, 0, 13, .	3.5	7
396	Add-on Therapeutic Effects of Rifaximin on Treatment-resistant Hepatic Encephalopathy. Internal Medicine, 2022, , .	0.7	0
397	Microbiome-Based Metabolic Therapeutic Approaches in Alcoholic Liver Disease. International Journal of Molecular Sciences, 2022, 23, 8749.	4.1	13
398	The gut microbiotaâ€“bile acid axis: A potential therapeutic target for liver fibrosis. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	11
399	Unfermented Î²-fructan Fibers Fuel Inflammation in Select Inflammatory Bowel Disease Patients. Gastroenterology, 2023, 164, 228-240.	1.3	53
400	Exercise Interventions Improved Sleep Quality through Regulating Intestinal Microbiota Composition. International Journal of Environmental Research and Public Health, 2022, 19, 12385.	2.6	6
401	Ameliorative Effect of Chitosan Oligosaccharides on Hepatic Encephalopathy by Reshaping Gut Microbiota and Gutâ€“Liver Axis. Journal of Agricultural and Food Chemistry, 2022, 70, 13186-13199.	5.2	4
402	Topic: Nutrition and the Gut-Liver-Brain Axis. Current Hepatology Reports, 2022, 21, 99-110.	0.9	1
403	Hepatic Encephalopathy in Cirrhotic Patients and Risk of Small Intestinal Bacterial Overgrowth: A Systematic Review and Meta-Analysis. BioMed Research International, 2022, 2022, 1-8.	1.9	4
404	What Are the Key Gut Microbiota Involved in Neurological Diseases? A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 13665.	4.1	12
406	Role of gut microbiota in the pathogenesis and therapeutics of minimal hepatic encephalopathy via the gut-liver-brain axis. World Journal of Gastroenterology, 0, 29, 144-156.	3.3	7
407	Is it possible to intervene early cirrhosis by targeting toll-like receptors to rebalance the intestinal microbiome?. International Immunopharmacology, 2023, 115, 109627.	3.8	1

#	Article	IF	Citations
408	Gut microbiota might influence the risk of rejection after liver transplantation. Journal of Liver Transplantation, 2023, 9, 100140.	0.4	3
409	Metabolic Diffusion in Neuropathologies: The Relevance of Brain-Liver Axis. Frontiers in Physiology, 0, 13, .	2.8	6
410	Pectin in Metabolic Liver Disease. Nutrients, 2023, 15, 157.	4.1	5
411	Progress in understanding of relationship between duodenal mucosal microecology and hepatitis B virus related acute-on-chronic liver failure. World Chinese Journal of Digestology, 2022, 30, 1074-1078.	0.1	0
412	Big Data in Gastroenterology Research. International Journal of Molecular Sciences, 2023, 24, 2458.	4.1	6
413	Effects of neutral polysaccharide from Platycodon grandiflorum on high-fat diet-induced obesity via the regulation of gut microbiota and metabolites. Frontiers in Endocrinology, 0, 14, .	3.5	3
414	Intestinal dysbiosis and probiotic use: its place in hepatic encephalopathy in cirrhosis. Annals of Gastroenterology, 2023, , .	0.6	0
415	Gut Microbiota of the Asian-Indian Type 2 Diabetes Phenotype: How Different It Is from the Rest of the World?. Journal of the Indian Institute of Science, 0, , .	1.9	0
416	The shaping of gut immunity in cirrhosis. Frontiers in Immunology, 0, 14, .	4.8	3
417	Barley Leaf Ameliorates Citrobacter-rodentium-Induced Colitis through Arginine Enrichment. Nutrients, 2023, 15, 1890.	4.1	0
419	Integrated analysis of metabolomic and transcriptomic profiling reveals the effect of Buyang Huanwu decoction on Parkinson's disease in mice. Phytomedicine, 2023, 114, 154755.	5.3	3
420	Microbial changes from bariatric surgery alters glucose-dependent insulinotropic polypeptide and prevents fatty liver disease. Gut Microbes, 2023, 15, .	9.8	4
421	Hepatic encephalopathy â€“ recent advances in treatment and diagnosis. Expert Review of Gastroenterology and Hepatology, 2023, 17, 225-235.	3.0	4
422	Gut microbiome-brain-cirrhosis axis. Hepatology, 0, Publish Ahead of Print, .	7.3	10
423	Simultaneous effects of aluminum exposure on the homeostasis of essential metal content in rat brain and perturbation of gut microbiota. Ecotoxicology and Environmental Safety, 2023, 254, 114707.	6.0	5
424	Tissue-resident Lachnospiraceae family bacteria protect against colorectal carcinogenesis by promoting tumor immune surveillance. Cell Host and Microbe, 2023, 31, 418-432.e8.	11.0	44
425	Intestinal flora plays a role in the progression of hepatitis-cirrhosis-liver cancer. Frontiers in Cellular and Infection Microbiology, 0, 13, .	3.9	6
426	Effects of common plastic products heat exposure on cognition: Mediated by gut microbiota. Ecotoxicology and Environmental Safety, 2023, 254, 114758.	6.0	1

#	Article	IF	Citations
427	Characteristics of microbiome-derived metabolomics according to the progression of alcoholic liver disease. Hepatology International, 0, , .	4.2	5
428	A Novel E3 Probiotics Formula Restored Gut Dysbiosis and Remodelled Gut Microbial Network and Microbiome Dysbiosis Index (MDI) in Southern Chinese Adult Psoriasis Patients. International Journal of Molecular Sciences, 2023, 24, 6571.	4.1	6
429	Oral supplementation of nicotinamide riboside alters intestinal microbial composition in rats and mice, but not humans. , 2023, 9, .		5
430	Intestinal mucin-type O-glycans: the major players in the host-bacteria-rotavirus interactions. Gut Microbes, 2023, 15, .	9.8	3
431	Gut Microbiota and Infectious Complications in Advanced Chronic Liver Disease: Focus on Spontaneous Bacterial Peritonitis. Life, 2023, 13, 991.	2.4	2
432	The hindgut microbiome contributes to host oxidative stress in postpartum dairy cows by affecting glutathione synthesis process. Microbiome, 2023, 11, .	11.1	9
433	Gut Dysbiosis and Blood-Brain Barrier Alteration in Hepatic Encephalopathy: From Gut to Brain. Biomedicines, 2023, 11, 1272.	3.2	4
434	Hepatic Encephalopathy in Acute-on-Chronic Liver Failure. Clinics in Liver Disease, 2023, 27, 691-702.	2.1	1
435	Gut microbiota and its relation to inflammation in patients with bipolar depression: a cross-sectional study. Annals of General Psychiatry, 2023, 22, .	2.7	3
436	Unique trans-kingdom microbiome structural and functional signatures predict cognitive decline in older adults. GeroScience, 2023, 45, 2819-2834.	4.6	3
437	The pathogenesis of gut microbiota in hepatic encephalopathy by the gutâ€“liverâ€“brain axis. Bioscience Reports, 2023, 43, .	2.4	3
438	Integrative analysis of the gut microbiota and faecal and serum short-chain fatty acids and tryptophan metabolites in patients with cirrhosis and hepatic encephalopathy. Journal of Translational Medicine, 2023, 21, .	4.4	3
439	Gut Microbiota and Neuroinflammation in Acute Liver Failure and Chronic Liver Disease. Metabolites, 2023, 13, 772.	2.9	1
440	Gut Microbiome in the Progression of NAFLD, NASH and Cirrhosis, and Its Connection with Biotics: A Bibliometric Study Using Dimensions Scientific Research Database. Biology, 2023, 12, 662.	2.8	3
441	Consensus document on acute-on-chronic liver failure (ACLF) established by the Mexican Association of Hepatology. Annals of Hepatology, 2023, , 101140.	1.5	0
443	Association between post-stroke cognitive impairment and gut microbiota: A PRISMA-compliant systematic review and meta-analysis. Medicine (United States), 2023, 102, e34764.	1.0	0
444	From-Toilet-to-Freezer: A Review on Requirements for an Automatic Protocol to Collect and Store Human Fecal Samples for Research Purposes. Biomedicines, 2023, 11, 2658.	3.2	1
445	Alterations of the gut microbiota in patients with postherpetic neuralgia. AMB Express, 2023, 13, .	3.0	1

#	Article	IF	Citations
446	Bifidobacteria metabolize lactulose to optimize gut metabolites and prevent systemic infection in patients with liver disease. Nature Microbiology, 2023, 8, 2033-2049.	13.3	4
448	Regional changes in intestinal permeability in cirrhosis are associated with mucosal bacteria. Hepatology Communications, 2023, 7, .	4.3	1
449	The causality between gut microbiome and liver cirrhosis: a bi-directional two-sample Mendelian randomization analysis. Frontiers in Microbiology, 0, 14, .	3.5	1
450	Intestinal microbiota protects against methylmercury-induced neurotoxicity. BioMetals, 0, , .	4.1	2
451	Gut Microbiome and Liver Diseases from the Perspective of 3PM: The Predictive, Preventive, and Personalized Medicine. Advances in Predictive, Preventive and Personalised Medicine, 2023, , 141-175.	0.6	0
452	Microbiome and Genetic Factors in the Pathogenesis of Liver Diseases. Gastroenterology Insights, 2023, 14, 575-597.	1.2	0
453	Alterations in gut virome are associated with cognitive function and minimal hepatic encephalopathy cross-sectionally and longitudinally in cirrhosis. Gut Microbes, 2023, 15, .	9.8	0
454	Microbial Diversity and Their Role in Human Health and Diseases. , 2023, , 1-33.		0
455	Viral Liver Disease and Intestinal Gutâ€“Liver Axis. Gastrointestinal Disorders, 2024, 6, 64-93.	0.8	0
456	Rifaximin treatment shapes a unique metagenomeâ€metabolism network in patients with decompensated cirrhosis. Journal of Gastroenterology and Hepatology (Australia), 2024, 39, 762-771.	2.8	0
457	Microbiota-gut-liver-brain axis and hepatic encephalopathy. , 0, 3, .		0
458	A study on the relationship between gut microbiota and intrahepatic cholestasis of pregnancy. Heliyon, 2024, 10, e25861.	3.2	0
459	Exploring the complex interplay: gut microbiome, stress, and leptospirosis. Frontiers in Microbiology, 0, 15, .	3.5	0
460	Chronic Liver Disease and Promising â€Therapeutic Strategy: A Concise Review. Pharmacognosy Magazine, 0, , .	0.6	0
461	Dietary Supplementation with Bupleuri Radix Reduces Oxidative Stress Occurring during Growth by Regulating Rumen Microbes and Metabolites. Animals, 2024, 14, 927.	2.3	0
462	Research reviews and prospects of gut microbiota in liver cirrhosis: a bibliometric analysis (2001â€“2023). Frontiers in Microbiology, 0, 15, .	3.5	0