Karen L Madsen

List of Publications by Year
in descending order

156	12,836	28274	55	24982	109
papers	citations		h-index		g-index

159	159	159	15170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probiotic bacteria enhance murine and human intestinal epithelial barrier function. Gastroenterology, 2001, 121, 580-591.	1.3	958
2	Lactobacillus species prevents colitis in interleukin 10 geneâ€“deficient mice. Gastroenterology, 1999, 116, 1107-1114.	1.3	710
3	VSL#3 Probiotic-Mixture Induces Remission in Patients with Active Ulcerative Colitis. American Journal of Gastroenterology, 2005, 100, 1539-1546.	0.4	659
4	Characterization of the Gut Microbiome Using 16S or Shotgun Metagenomics. Frontiers in Microbiology, 2016, 7, 459.	3.5	659
5	Secreted bioactive factors fromBifidobacterium infantisenhance epithelial cell barrier function. American Journal of Physiology - Renal Physiology, 2008, 295, G1025-G1034.	3.4	480
6	Effect of Oral Capsuleâ€“ vs Colonoscopy-Delivered Fecal Microbiota Transplantation on Recurrent Clostridium difficile Infection. JAMA - Journal of the American Medical Association, 2017, 318, 1985.	7.4	446
7	Host immunoglobulin G selectively identifies pathobionts in pediatric inflammatory bowel diseases. Microbiome, 2019, 7, 1.	11.1	404
8	Probiotics in Critically Ill Patients. Journal of Clinical Gastroenterology, 2008, 42, S116-S118.	2.2	339
9	FODMAPs alter symptoms and the metabolome of patients with IBS: a randomised controlled trial. Gut, 2017, 66, 1241-1251.	12.1	330
10	DNA from probiotic bacteria modulates murine and human epithelial and immune function. Gastroenterology, 2004, 126, 1358-1373.	1.3	294
11	Interleukin-10 Gene-Deficient Mice Develop a Primary Intestinal Permeability Defect in Response to Enteric Microflora. Inflammatory Bowel Diseases, 1999, 5, 262-270.	1.9	259
12	Effects of Lactobacillus helveticus on murine behavior are dependent on diet and genotype and correlate with alterations in the gut microbiome. Psychoneuroendocrinology, 2013, 38, 1738-1747.	2.7	238
13	Air pollution effects on the gut microbiota. Gut Microbes, 2014, 5, 215-219.	9.8	219
14	Antibiotic therapy attenuates colitis in interleukin 10 geneâ€“deficient mice. Gastroenterology, 2000, 118, 1094-1105.	1.3	215
15	The bacteriology of biopsies differs between newly diagnosed, untreated, Crohn's disease and ulcerative colitis patients. Journal of Medical Microbiology, 2006, 55, 1141-1149.	1.8	211
16	Environmental Particulate Matter Induces Murine Intestinal Inflammatory Responses and Alters the Gut Microbiome. PLoS ONE, 2013, 8, e62220.	2.5	210
17	Improved Glucose Homeostasis in Obese Mice Treated With Resveratrol Is Associated With Alterations in the Gut Microbiome. Diabetes, 2017, 66, 418-425.	0.6	189
18	Human gut microbiota and its relationship to health and disease. Nutrition Reviews, 2011, 69, 392-403.	5.8	182

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19	The Probiotic VSL#3 Has Anti-inflammatory Effects and Could Reduce Endoscopic Recurrence After Surgery for Crohn's Disease. Clinical Gastroenterology and Hepatology, 2015, 13, 928-935.e2.	4.4	181
20	Bioproduction of Conjugated Linoleic Acid by Probiotic Bacteria Occurs In Vitro and In Vivo in Mice. Journal of Nutrition, 2006, 136, 1483-1487.	2.9	178
21	Probiotic bacteria prevent hepatic damage and maintain colonic barrier function in a mouse model of sepsis. Hepatology, 2007, 46, 841-850.	7.3	171
22	Fecal Microbial Transplants Reduce Antibiotic-resistant Genes in Patients With RecurrentClostridium difficileInfection. Clinical Infectious Diseases, 2016, 62, 1479-1486.	5.8	166
23	Probiotics and the Management of Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2004, 10, 286-299.	1.9	155
24	Effects of probiotic therapy in critically ill patients: a randomized, double-blind, placebo-controlled trial. American Journal of Clinical Nutrition, 2007, 85, 816-823.	4.7	153
25	Estrogen receptor-Î² signaling modulates epithelial barrier function. American Journal of Physiology - Renal Physiology, 2011, 300, G621-G626.	3.4	138
26	Impact of Fecal Microbiota Transplantation on Obesity and Metabolic Syndromeâ€”A Systematic Review. Nutrients, 2019, 11, 2291.	4.1	132
27	Surface Expression of Toll-Like Receptor 9 Is Upregulated on Intestinal Epithelial Cells in Response to Pathogenic Bacterial DNA. Infection and Immunity, 2007, 75, 2572-2579.	2.2	126
28	MAP kinases contribute to IL-8 secretion by intestinal epithelial cells via a posttranscriptional mechanism. American Journal of Physiology - Cell Physiology, 2002, 283, C31-C41.	4.6	119
29	Probiotic preparation VSL#3 induces remission in children with mild to moderate acute ulcerative colitis: A pilot study. Inflammatory Bowel Diseases, 2009, 15, 760-768.	1.9	119
30	Fecal microbial transplantation and fiber supplementation in patients with severe obesity and metabolic syndrome: a randomized double-blind, placebo-controlled phase 2 trial. Nature Medicine, 2021, 27, 1272-1279.	30.7	119
31	Citrobacter rodentium infection causes both mitochondrial dysfunction and intestinal epithelial barrier disruption in vivo: role of mitochondrial associated protein (Map). Cellular Microbiology, 2006, 8, 1669-1686.	2.1	118
32	A high-sugar diet rapidly enhances susceptibility to colitis via depletion of luminal short-chain fatty acids in mice. Scientific Reports, 2019, 9, 12294.	3.3	115
33	Probiotics and nutraceuticals: non-medicinal treatments of gastrointestinal diseases. Current Opinion in Pharmacology, 2005, 5, 596-603.	3.5	112
34	Fecal microbiota transplantation in the management of hepatic encephalopathy. Hepatology, 2016, 63, 339-340.	7.3	109
35	Probiotics and prebiotics in gastrointestinal disorders. Current Opinion in Gastroenterology, 2004, 20, 146-155.	2.3	108
36	The Use of Probiotics in Gastrointestinal Disease. Canadian Journal of Gastroenterology & Hepatology, 2001, 15, 817-822.	1.7	100

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37	Metagenomic Analysis of Microbiome in Colon Tissue from Subjects with Inflammatory Bowel Diseases Reveals Interplay of Viruses and Bacteria. Inflammatory Bowel Diseases, 2015, 21, 1.	1.9	100
38	Vitamin D improves inflammatory bowel disease outcomes: Basic science and clinical review. World Journal of Gastroenterology, 2014, 20, 4934.	3.3	95
39	Novel Fecal Biomarkers That Precede Clinical Diagnosis of Ulcerative Colitis. Gastroenterology, 2021, 160, 1532-1545.	1.3	94
40	Inulinâ€type fructans and whey protein both modulate appetite but only fructans alter gut microbiota in adults with overweight/obesity: A randomized controlled trial. Molecular Nutrition and Food Research, 2017, 61, 1700484.	3.3	91
41	Impact of dietary fiber supplementation on modulating microbiotaâ€“hostâ€“metabolic axes in obesity. Journal of Nutritional Biochemistry, 2019, 64, 228-236.	4.2	88
42	Antisense Oligonucleotide Blockade of Tumor Necrosis Factor-Î± in Two Murine Models of Colitis. Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 411-424.	2.5	85
43	Diet in the Pathogenesis and Management of Ulcerative Colitis; A Review of Randomized Controlled Dietary Interventions. Nutrients, 2019, 11, 1498.	4.1	77
44	Fecal transplant prevents gut dysbiosis and anxiety-like behaviour after spinal cord injury in rats. PLoS ONE, 2020, 15, e0226128.	2.5	77
45	Fecal Microbiota Transplantation Inducing Remission in Crohnâ€™s Colitis and the Associated Changes in Fecal Microbial Profile. Journal of Clinical Gastroenterology, 2014, 48, 625-628.	2.2	76
46	Stanniocalcin: a novel protein regulating calcium and phosphate transport across mammalian intestine. American Journal of Physiology - Renal Physiology, 1998, 274, G96-G102.	3.4	74
47	Glutamine supplementation improves intestinal barrier function in a weaned piglet model of Escherichia coli infection. British Journal of Nutrition, 2011, 106, 870-877.	2.3	72
48	Serum amyloid A activates NF-?B and proinflammatory gene expression in human and murine intestinal epithelial cells. European Journal of Immunology, 2005, 35, 718-726.	2.9	71
49	Probiotics and the Immune Response. Journal of Clinical Gastroenterology, 2006, 40, 232-234.	2.2	70
50	VSL#3 Probiotic Upregulates Intestinal Mucosal Alkaline Sphingomyelinase and Reduces Inflammation. Canadian Journal of Gastroenterology & Hepatology, 2008, 22, 237-242.	1.7	69
51	Fecal transplant from resveratrol-fed donors improves glycaemia and cardiovascular features of the metabolic syndrome in mice. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E511-E519.	3.5	65
52	Mind The Gaps. Journal of Clinical Gastroenterology, 2011, 45, 240-245.	2.2	64
53	Amylose resistant starch (HAMâ€RS2) supplementation increases the proportion of Faecalibacterium bacteria in endâ€stage renal disease patients: Microbial analysis from a randomized placeboâ€controlled trial. Hemodialysis International, 2019, 23, 343-347.	0.9	61
54	Role for diet in normal gut barrier function: developing guidance within the framework of food-labeling regulations. American Journal of Physiology - Renal Physiology, 2019, 317, G17-G39.	3.4	60

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55	Gut microbiota manipulation with prebiotics in patients with non-alcoholic fatty liver disease: a randomized controlled trial protocol. BMC Gastroenterology, 2015, 15, 169.	2.0	59
56	Effects of probiotic therapy on portal pressure in patients with cirrhosis: a pilot study. Liver International, 2009, 29, 1110-1115.	3.9	57
57	Probiotics, prebiotics, synbiotics, and fecal microbiota transplantation in the treatment of behavioral symptoms of autism spectrum disorder: A systematic review. Autism Research, 2021, 14, 1820-1836.	3.8	57
58	Non-Specific Abdominal Pain and Air Pollution: A Novel Association. PLoS ONE, 2012, 7, e47669.	2.5	57
59	The Role of Enteric Microflora in Inflammatory Bowel Disease: Human and Animal Studies with Probiotics and Prebiotics. Gastroenterology Clinics of North America, 2005, 34, 465-482.	2.2	51
60	Hyperhomocysteinemia as a potential contributor of colorectal cancer development in inflammatory bowel diseases: A review. World Journal of Gastroenterology, 2015, 21, 1081.	3.3	50
61	Determinants of Intestinal Permeability in Healthy First-Degree Relatives of Individuals with CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2015, 21, 879-887.	1.9	49
62	Lower Abundance and Impaired Function of CD71+ Erythroid Cells in Inflammatory Bowel Disease Patients During Pregnancy. Journal of Crohn's and Colitis, 2019, 13, 230-244.	1.3	49
63	Postoperative CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2005, 11, 765-777.	1.9	48
64	The Profile of Human Milk Metabolome, Cytokines, and Antibodies in Inflammatory Bowel Diseases Versus Healthy Mothers, and Potential Impact on the Newborn. Journal of Crohn's and Colitis, 2019, 13, 431-441.	1.3	47
65	Effect of chicory inulin-type fructanâ€“containing snack bars on the human gut microbiota in low dietary fiber consumers in a randomized crossover trial. American Journal of Clinical Nutrition, 2020, 111, 1286-1296.	4.7	47
66	Defining the Role of a Tailored Luminal Solution for Small Bowel Preservation. American Journal of Transplantation, 2002, 2, 229-236.	4.7	46
67	<scp>VSL</scp>#3^{Â®} probiotic therapy does not reduce portal pressures in patients with decompensated cirrhosis. Liver International, 2013, 33, 1470-1477.	3.9	44
68	Adipose Tissue Development and Expansion from the Womb to Adolescence: An Overview. Nutrients, 2020, 12, 2735.	4.1	44
69	Antisense Oligonucleotides to poly(ADP-ribose) Polymerase-2 Ameliorate Colitis in Interleukin-10-Deficient Mice. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 1145-1154.	2.5	43
70	Exposure to Ingested Airborne Pollutant Particulate Matter Increases Mucosal Exposure to Bacteria and Induces Early Onset of Inflammation in Neonatal IL-10â€“Deficient Mice. Inflammatory Bowel Diseases, 2014, 20, 1129-1138.	1.9	43
71	A Diversified Dietary Pattern Is Associated With a Balanced Gut Microbial Composition of Faecalibacterium and Escherichia/Shigella in Patients With Crohnâ€™s Disease in Remission. Journal of Crohn's and Colitis, 2020, 14, 1547-1557.	1.3	43
72	Ambient Ozone Concentrations and the Risk of Perforated and Nonperforated Appendicitis: A Multicity Case-Crossover Study. Environmental Health Perspectives, 2013, 121, 939-943.	6.0	41

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73	AMP-activated protein kinase is a positive regulator of poly(ADP-ribose) polymerase. Biochemical and Biophysical Research Communications, 2006, 342, 336-341.	2.1	38
74	The role of antibiotic and probiotic therapies in current and future management of inflammatory Bowel disease. Current Gastroenterology Reports, 2006, 8, 486-498.	2.5	37
75	Inflammation and epithelial cell injury in AIDS enteropathy: involvement of endoplasmic reticulum stress. FASEB Journal, 2011, 25, 2211-2220.	0.5	37
76	Comparison of the metabolomic profiles of irritable bowel syndrome patients with ulcerative colitis patients and healthy controls: new insights into pathophysiology and potential biomarkers. Alimentary Pharmacology and Therapeutics, 2019, 49, 723-732.	3.7	37
77	The success of fecal microbial transplantation in Clostridium difficile infection correlates with bacteriophage relative abundance in the donor: a retrospective cohort study. Gut Microbes, 2019, 10, 676-687.	9.8	35
78	Patients with Inflammatory Bowel Disease Exhibit Dysregulated Responses to Microbial DNA. PLoS ONE, 2012, 7, e37932.	2.5	34
79	Soluble Dextrin Fibers Alter the Intestinal Microbiota and Reduce Proinflammatory Cytokine Secretion in Male IL-10â€“Deficient Mice. Journal of Nutrition, 2015, 145, 2060-2066.	2.9	34
80	Repeated Fecal Microbial Transplantations and Antibiotic Pre-Treatment Are Linked to Improved Clinical Response and Remission in Inflammatory Bowel Disease: A Systematic Review and Pooled Proportion Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 959.	2.4	33
81	Perturbation of the Human Microbiome as a Contributor to Inflammatory Bowel Disease. Pathogens, 2014, 3, 510-527.	2.8	32
82	Intravenous immunoglobulin skews macrophages to an anti-inflammatory, IL-10-producing activation state. Journal of Leukocyte Biology, 2015, 98, 983-994.	3.3	32
83	Normal Breast Milk Limits the Development of Colitis in IL-10â€“Deficient Mice. Inflammatory Bowel Diseases, 2002, 8, 390-398.	1.9	31
84	Adenosine is a negative regulator of NF-ÎºB and MAPK signaling in human intestinal epithelial cells. Cellular Immunology, 2005, 237, 86-95.	3.0	28
85	Dietary and metabolomic determinants of relapse in ulcerative colitis patients: A pilot prospective cohort study. World Journal of Gastroenterology, 2017, 23, 3890.	3.3	28
86	Human small bowel storage: the role for luminal preservation solutions. Transplantation, 2003, 76, 709-714.	1.0	27
87	Fecal microbial transplantation as a therapeutic option in patients colonized with antibiotic resistant organisms. Gut Microbes, 2017, 8, 221-224.	9.8	26
88	Alleviating Ischemia-Reperfusion Injury in Small Bowel. American Journal of Transplantation, 2004, 4, 728-737.	4.7	25
89	Ameliorating Small Bowel Injury Using a Cavitary Two-Layer Preservation Method with Perfluorocarbon and a Nutrient-Rich Solution. American Journal of Transplantation, 2004, 4, 1421-1428.	4.7	24
90	A Distinctive Urinary Metabolomic Fingerprint Is Linked With Endoscopic Postoperative Disease Recurrence in Crohnâ€™s Disease Patients. Inflammatory Bowel Diseases, 2018, 24, 861-870.	1.9	24

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91	cis-Urocanic Acid Attenuates Acute Dextran Sodium Sulphate-Induced Intestinal Inflammation. PLoS ONE, 2010, 5, e13676.	2.5	24
92	Epithelial Cell Extrusion Leads to Breaches in the Intestinal Epithelium. Inflammatory Bowel Diseases, 2013, 19, 912-921.	1.9	23
93	Upper gastrointestinal bleeding due to peptic ulcer disease is not associated with air pollution: a case-crossover study. BMC Gastroenterology, 2015, 15, 131.	2.0	23
94	Role of Vitamin D in Infliximab-induced Remission in Adult Patients with CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2016, 22, 92-99.	1.9	23
95	Fecal Microbiota Transplantation: Beyond Clostridium difficile. Current Infectious Disease Reports, 2017, 19, 31.	3.0	23
96	Sex and Race Predict Adverse Outcomes Following Bariatric Surgery: an MBSAQIP Analysis. Obesity Surgery, 2020, 30, 1093-1101.	2.1	23
97	Analysis of Genetic Association of Intestinal Permeability in Healthy First-degree Relatives of Patients with Crohnâ€™s Disease. Inflammatory Bowel Diseases, 2019, 25, 1796-1804.	1.9	21
98	The NOD2 -Smoking Interaction in Crohn's Disease is likely Specific to the 1007 fs Mutation and may be Explained by Age at Diagnosis: A Meta-Analysis and Case-Only Study. EBioMedicine, 2017, 21, 188-196.	6.1	20
99	Sex-Specific Differences in the Gut Microbiome in Response to Dietary Fiber Supplementation in IL-10-Deficient Mice. Nutrients, 2020, 12, 2088.	4.1	20
100	The Gut Microbiota Profile in Children with Praderâ€“Willi Syndrome. Genes, 2020, 11, 904.	2.4	18
101	Roux-en-Y gastric bypass and sleeve gastrectomy induce substantial and persistent changes in microbial communities and metabolic pathways. Gut Microbes, 2022, 14, 2050636.	9.8	16
102	Basolateral membrane lipid dynamics alter Naâ€“K ATPase activity in rabbit small intestine. Canadian Journal of Physiology and Pharmacology, 1992, 70, 1483-1490.	1.4	15
103	Composition and Functions of the Gut Microbiome in Pediatric Obesity: Relationships with Markers of Insulin Resistance. Microorganisms, 2021, 9, 1490.	3.6	15
104	Metagenomics Versus Metatranscriptomics of the Murine Gut Microbiome for Assessing Microbial Metabolism During Inflammation. Frontiers in Microbiology, 2022, 13, 829378.	3.5	15
105	Interactions Between Microbes and the Gut Epithelium. Journal of Clinical Gastroenterology, 2011, 45, S111-S114.	2.2	14
106	Predicting surgical site infections following laparoscopic bariatric surgery: development of the BariWound tool using the MBSAQIP database. Surgical Endoscopy and Other Interventional Techniques, 2020, 34, 1802-1811.	2.4	14
107	Increased permeability occurs in rat ileum following induction of pancolitis. Digestive Diseases and Sciences, 1996, 41, 405-411.	2.3	13
108	Fecal Microbial Transplant After Ileocolic Resection Reduces Ileitis but Restores Colitis in IL-10â^'/â^' Mice. Inflammatory Bowel Diseases, 2015, 21, 1479-1490.	1.9	13

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109	Metabolomic profiling to characterize acute intestinal ischemia/reperfusion injury. PLoS ONE, 2017, 12, e0179326.	2.5	13
110	Alleviating Intestinal Ischemia-Reperfusion Injury in an In Vivo Large Animal Model: Developing an Organ-Specific Preservation Solution. Transplantation, 2008, 85, 878-884.	1.0	12
111	Western diet-induced anxiolytic effects in mice are associated with alterations in tryptophan metabolism. Nutritional Neuroscience, 2016, 19, 337-345.	3.1	12
112	Ongoing Inconsistencies in Weight Loss Reporting Following Bariatric Surgery: a Systematic Review. Obesity Surgery, 2019, 29, 1375-1387.	2.1	12
113	Intravenous immunoglobulin (IVIg) or IVIgâ€treated macrophages reduce DSSâ€induced colitis by inducing macrophage ILâ€10 production. European Journal of Immunology, 2019, 49, 1251-1268.	2.9	12
114	Application of metabolomics to the study of irritable bowel syndrome. Neurogastroenterology and Motility, 2020, 32, e13884.	3.0	12
115	Dietary patterns, food groups and nutrients in Crohnâ€™s disease: associations with gut and systemic inflammation. Scientific Reports, 2021, 11, 1674.	3.3	11
116	POTENTIATING THE BENEFIT OF VASCULAR-SUPPLIED GLUTAMINE DURING SMALL BOWEL STORAGE. Transplantation, 2002, 73, 178-185.	1.0	10
117	Prebiotic Supplementation Following Ileocecal Resection in a Murine Model is Associated With a Loss of Microbial Diversity and Increased Inflammation. Inflammatory Bowel Diseases, 2018, 24, 101-110.	1.9	10
118	Endospore forming bacteria may be associated with maintenance of surgically-induced remission in Crohnâ€™s disease. Scientific Reports, 2018, 8, 9734.	3.3	10
119	Ileal microbial shifts after Roux-en-Y gastric bypass orchestrate changes in glucose metabolism through modulation of bile acids and L-cell adaptation. Scientific Reports, 2021, 11, 23813.	3.3	10
120	Fecal Microbial Transplantation in Inflammatory Bowel Disease: A Movement Too Big to Be Ignored. Clinical Pharmacology and Therapeutics, 2017, 102, 588-590.	4.7	9
121	A BACH2 Gene Variant Is Associated with Postoperative Recurrence of Crohn's Disease. Journal of the American College of Surgeons, 2018, 226, 902-908.	0.5	9
122	The Importance of Impermeant Support in Small Bowel Preservation: A Morphologic, Metabolic and Functional study. American Journal of Transplantation, 2001, 1, 236-242.	4.7	7
123	Intestinal decontamination using povidone-iodine compromises small bowel storage quality. Transplantation, 2003, 75, 1460-1462.	1.0	7
124	Small bowel fibrosis and systemic inflammatory response after ileocolonic anastomosis in IL-10 null mice. Journal of Surgical Research, 2012, 178, 147-154.	1.6	7
125	The effects of 16-weeks of prebiotic supplementation and aerobic exercise training on inflammatory markers, oxidative stress, uremic toxins, and the microbiota in pre-dialysis kidney patients: a randomized controlled trial-protocol paper. BMC Nephrology, 2020, 21, 517.	1.8	7
126	Epithelial Gaps in a Rodent Model of Inflammatory Bowel Disease: A Quantitative Validation Study. Clinical and Translational Gastroenterology, 2011, 2, e3.	2.5	6

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127	Increasing Small Intestinal Permeability Worsens Colitis in the IL-10â^'/â^' Mouse and Prevents the Induction of Oral Tolerance to Ovalbumin. Inflammatory Bowel Diseases, 2015, 21, 8-18.	1.9	5
128	Fecal microbiota transplantation for hepatic encephalopathy: Ready for prime time?. Hepatology, 2017, 66, 1713-1715.	7.3	5
129	IMAGINE Networkâ€™s Mind And Gut Interactions Cohort (MAGIC) Study: a protocol for a prospective observational multicentre cohort study in inflammatory bowel disease and irritable bowel syndrome. BMJ Open, 2020, 10, e041733.	1.9	5
130	What Makes a Successful Donor? Fecal Transplant from Anxious-Like Rats Does Not Prevent Spinal Cord Injury-Induced Dysbiosis. Biology, 2021, 10, 254.	2.8	5
131	Ileocolic resection is associated with increased susceptibility to injury in a murine model of colitis. PLoS ONE, 2017, 12, e0184660.	2.5	5
132	The effect of fecal microbial transplant on intestinal microbial composition in short bowel neonatal piglets. Journal of Parenteral and Enteral Nutrition, 2022, , .	2.6	5
133	Vanadate reduces sodium-dependent glucose transport and increases glycolytic activity in LLC-PK1 epithelia. Journal of Cellular Physiology, 1994, 158, 459-466.	4.1	4
134	Peroxynitrite Enhances the Ability of Salmonella dublin to Invade T84 Monolayers. Shock, 2002, 18, 93-96.	2.1	4
135	Using Metabolomics to Decipher Probiotic Effects in Patients With Irritable Bowel Syndrome. Journal of Clinical Gastroenterology, 2011, 45, 389-390.	2.2	4
136	Clostridium difficile and Laparoscopic Bariatric Surgery: an Analysis of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program Database. Obesity Surgery, 2019, 29, 1881-1888.	2.1	4
137	Efficacy of metformin and fermentable fiber combination therapy in adolescents with severe obesity and insulin resistance: study protocol for a double-blind randomized controlled trial. Trials, 2021, 22, 148.	1.6	4
138	A New Approach to Inflammatory Bowel Disease Therapy. Pediatric Research, 2001, 49, 2-2.	2.3	4
139	ORALLY ADMINISTERED IMMUNOSUPPRESSANTS MODIFY INTESTINAL UPTAKE OF NUTRIENTS IN RABBITS. Transplantation, 1994, 58, 1241-1245.	1.0	4
140	Murine Ileocolic Bowel Resection with Primary Anastomosis. Journal of Visualized Experiments, 2014, , e52106.	0.3	3
141	Creatine-loading preserves intestinal barrier function during organ preservation. Cryobiology, 2018, 84, 69-76.	0.7	3
142	Reply to Jouhten et al. Clinical Infectious Diseases, 2016, 63, 711-712.	5.8	2
143	The Genetics of Postoperative Recurrence in Crohn Disease: A Systematic Review, Meta-analysis, and Framework for Future Work. Crohn's & Colitis 360, 2021, 3, .	1.1	2
144	Timing of Tributyrin Supplementation Differentially Modulates Gastrointestinal Inflammation and Gut Microbial Recolonization Following Murine Ileocecal Resection. Nutrients, 2021, 13, 2069.	4.1	2

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145	Prebiotics, Probiotics, Antibiotics, and Nutritional Therapies in IBD. , 2011, , 123-150.		2
146	Post-neonatal Outcomes of Infants Born to Women with Active Trimester One Inflammatory Bowel Disease: A Pilot Study. Digestive Diseases and Sciences, 2022, , 1.	2.3	2
147	M1774 Bacterial DNA Differentially Induces IL-17 Producing T Cell Responses Through Interactions With Intestinal Epithelial and Dendritic Cells. Gastroenterology, 2010, 138, S-416.	1.3	1
148	A Protocol for Roux-en-Y Gastric Bypass in Rats using Linear Staplers. Journal of Visualized Experiments, 2021, , .	0.3	1
149	Reply:. Hepatology, 2008, 47, 1422-1423.	7.3	0
150	Bacterial Overgrowth. , 0, , 1284-1294.		0
151	Pre- and Probiotics in Liver Health and Function. , 2010, , 97-116.		0
152	MD-2. Inflammatory Bowel Diseases, 2011, 17, 1436-1437.	1.9	0
153	Editorial: metabolomic biomarkers for colorectal adenocarcinoma and in the differentiation between irritable bowel syndrome and ulcerative colitis in clinical remission â€“ confounded by the gut microbiome? Authorsâ€™ reply. Alimentary Pharmacology and Therapeutics, 2019, 49, 1088-1089.	3.7	0
154	Response to Mocanu et al. Ongoing Inconsistencies in Weight Loss Reporting Following Bariatric Surgery: a Systematic Review. Obesity Surgery https://doi.org/10.1007/s11695-018-03702-6Mocanu. Obesity Surgery, 2020, 30, 3217-3218.	2.1	0
155	The Promise of Maintaining Diet-Induced Weight Loss by Swallowing Oneâ€™s Own Feces: Time to Provide a Do-It-Yourself Manual?. Gastroenterology, 2021, 160, 17-19.	1.3	0
156	Probiotics in the Prevention of Cancer. CRC Series in Modern Nutrition Science, 2004, , .	0.0	0