

Karen L Madsen

List of Publications by Year in descending order

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156
papers

12,836
citations

28272

55
h-index

24978

109
g-index

159
all docs

159
docs citations

159
times ranked

15170
citing authors

#	ARTICLE	IF	CITATIONS
1	Probiotic bacteria enhance murine and human intestinal epithelial barrier function. <i>Gastroenterology</i> , 2001, 121, 580-591.	1.3	958
2	<i>Lactobacillus</i> species prevents colitis in interleukin 10 gene-deficient mice. <i>Gastroenterology</i> , 1999, 116, 1107-1114.	1.3	710
3	VSL#3 Probiotic-Mixture Induces Remission in Patients with Active Ulcerative Colitis. <i>American Journal of Gastroenterology</i> , 2005, 100, 1539-1546.	0.4	659
4	Characterization of the Gut Microbiome Using 16S or Shotgun Metagenomics. <i>Frontiers in Microbiology</i> , 2016, 7, 459.	3.5	659
5	Secreted bioactive factors from <i>Bifidobacterium infantis</i> enhance epithelial cell barrier function. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G1025-G1034.	3.4	480
6	Effect of Oral Capsule vs Colonoscopy-Delivered Fecal Microbiota Transplantation on Recurrent <i>Clostridium difficile</i> Infection. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1985.	7.4	446
7	Host immunoglobulin G selectively identifies pathobionts in pediatric inflammatory bowel diseases. <i>Microbiome</i> , 2019, 7, 1.	11.1	404
8	Probiotics in Critically Ill Patients. <i>Journal of Clinical Gastroenterology</i> , 2008, 42, S116-S118.	2.2	339
9	FODMAPs alter symptoms and the metabolome of patients with IBS: a randomised controlled trial. <i>Gut</i> , 2017, 66, 1241-1251.	12.1	330
10	DNA from probiotic bacteria modulates murine and human epithelial and immune function. <i>Gastroenterology</i> , 2004, 126, 1358-1373.	1.3	294
11	Interleukin-10 Gene-Deficient Mice Develop a Primary Intestinal Permeability Defect in Response to Enteric Microflora. <i>Inflammatory Bowel Diseases</i> , 1999, 5, 262-270.	1.9	259
12	Effects of <i>Lactobacillus helveticus</i> on murine behavior are dependent on diet and genotype and correlate with alterations in the gut microbiome. <i>Psychoneuroendocrinology</i> , 2013, 38, 1738-1747.	2.7	238
13	Air pollution effects on the gut microbiota. <i>Gut Microbes</i> , 2014, 5, 215-219.	9.8	219
14	Antibiotic therapy attenuates colitis in interleukin 10 gene-deficient mice. <i>Gastroenterology</i> , 2000, 118, 1094-1105.	1.3	215
15	The bacteriology of biopsies differs between newly diagnosed, untreated, Crohn's disease and ulcerative colitis patients. <i>Journal of Medical Microbiology</i> , 2006, 55, 1141-1149.	1.8	211
16	Environmental Particulate Matter Induces Murine Intestinal Inflammatory Responses and Alters the Gut Microbiome. <i>PLoS ONE</i> , 2013, 8, e62220.	2.5	210
17	Improved Glucose Homeostasis in Obese Mice Treated With Resveratrol Is Associated With Alterations in the Gut Microbiome. <i>Diabetes</i> , 2017, 66, 418-425.	0.6	189
18	Human gut microbiota and its relationship to health and disease. <i>Nutrition Reviews</i> , 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. <i>Clinical Gastroenterology and Hepatology</i> , 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. <i>Journal of Nutrition</i> , 2006, 136, 1483-1487.	2.9	178
21	Probiotic bacteria prevent hepatic damage and maintain colonic barrier function in a mouse model of sepsis. <i>Hepatology</i> , 2007, 46, 841-850.	7.3	171
22	Fecal Microbial Transplants Reduce Antibiotic-resistant Genes in Patients With Recurrent <i>Clostridium difficile</i> Infection. <i>Clinical Infectious Diseases</i> , 2016, 62, 1479-1486.	5.8	166
23	Probiotics and the Management of Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2004, 10, 286-299.	1.9	155
24	Effects of probiotic therapy in critically ill patients: a randomized, double-blind, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 816-823.	4.7	153
25	Estrogen receptor- β signaling modulates epithelial barrier function. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G621-G626.	3.4	138
26	Impact of Fecal Microbiota Transplantation on Obesity and Metabolic Syndrome—A Systematic Review. <i>Nutrients</i> , 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. <i>Infection and Immunity</i> , 2007, 75, 2572-2579.	2.2	126
28	MAP kinases contribute to IL-8 secretion by intestinal epithelial cells via a posttranscriptional mechanism. <i>American Journal of Physiology - Cell Physiology</i> , 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. <i>Inflammatory Bowel Diseases</i> , 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. <i>Nature Medicine</i> , 2021, 27, 1272-1279.	30.7	119
31	<i>Citrobacter rodentium</i> infection causes both mitochondrial dysfunction and intestinal epithelial barrier disruption in vivo: role of mitochondrial associated protein (Map). <i>Cellular Microbiology</i> , 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. <i>Scientific Reports</i> , 2019, 9, 12294.	3.3	115
33	Probiotics and nutraceuticals: non-medicinal treatments of gastrointestinal diseases. <i>Current Opinion in Pharmacology</i> , 2005, 5, 596-603.	3.5	112
34	Fecal microbiota transplantation in the management of hepatic encephalopathy. <i>Hepatology</i> , 2016, 63, 339-340.	7.3	109
35	Probiotics and prebiotics in gastrointestinal disorders. <i>Current Opinion in Gastroenterology</i> , 2004, 20, 146-155.	2.3	108
36	The Use of Probiotics in Gastrointestinal Disease. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 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. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1.	1.9	100
38	Vitamin D improves inflammatory bowel disease outcomes: Basic science and clinical review. <i>World Journal of Gastroenterology</i> , 2014, 20, 4934.	3.3	95
39	Novel Fecal Biomarkers That Precede Clinical Diagnosis of Ulcerative Colitis. <i>Gastroenterology</i> , 2021, 160, 1532-1545.	1.3	94
40	Inulin-type fructans and whey protein both modulate appetite but only fructans alter gut microbiota in adults with overweight/obesity: A randomized controlled trial. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700484.	3.3	91
41	Impact of dietary fiber supplementation on modulating microbiota-host metabolic axes in obesity. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 228-236.	4.2	88
42	Antisense Oligonucleotide Blockade of Tumor Necrosis Factor- α in Two Murine Models of Colitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 411-424.	2.5	85
43	Diet in the Pathogenesis and Management of Ulcerative Colitis; A Review of Randomized Controlled Dietary Interventions. <i>Nutrients</i> , 2019, 11, 1498.	4.1	77
44	Fecal transplant prevents gut dysbiosis and anxiety-like behaviour after spinal cord injury in rats. <i>PLoS ONE</i> , 2020, 15, e0226128.	2.5	77
45	Fecal Microbiota Transplantation Inducing Remission in Crohn's Colitis and the Associated Changes in Fecal Microbial Profile. <i>Journal of Clinical Gastroenterology</i> , 2014, 48, 625-628.	2.2	76
46	Stanniocalcin: a novel protein regulating calcium and phosphate transport across mammalian intestine. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 274, G96-G102.	3.4	74
47	Glutamine supplementation improves intestinal barrier function in a weaned piglet model of <i>Escherichia coli</i> infection. <i>British Journal of Nutrition</i> , 2011, 106, 870-877.	2.3	72
48	Serum amyloid A activates NF- κ B and proinflammatory gene expression in human and murine intestinal epithelial cells. <i>European Journal of Immunology</i> , 2005, 35, 718-726.	2.9	71
49	Probiotics and the Immune Response. <i>Journal of Clinical Gastroenterology</i> , 2006, 40, 232-234.	2.2	70
50	VSL#3 Probiotic Upregulates Intestinal Mucosal Alkaline Sphingomyelinase and Reduces Inflammation. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 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. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E511-E519.	3.5	65
52	Mind The Gaps. <i>Journal of Clinical Gastroenterology</i> , 2011, 45, 240-245.	2.2	64
53	Amylose resistant starch (HAMRS2) supplementation increases the proportion of <i>Faecalibacterium</i> bacteria in end-stage renal disease patients: Microbial analysis from a randomized placebo-controlled trial. <i>Hemodialysis International</i> , 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. <i>American Journal of Physiology - Renal Physiology</i> , 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. <i>BMC Gastroenterology</i> , 2015, 15, 169.	2.0	59
56	Effects of probiotic therapy on portal pressure in patients with cirrhosis: a pilot study. <i>Liver International</i> , 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. <i>Autism Research</i> , 2021, 14, 1820-1836.	3.8	57
58	Non-Specific Abdominal Pain and Air Pollution: A Novel Association. <i>PLoS ONE</i> , 2012, 7, e47669.	2.5	57
59	The Role of Enteric Microflora in Inflammatory Bowel Disease: Human and Animal Studies with Probiotics and Prebiotics. <i>Gastroenterology Clinics of North America</i> , 2005, 34, 465-482.	2.2	51
60	Hyperhomocysteinemia as a potential contributor of colorectal cancer development in inflammatory bowel diseases: A review. <i>World Journal of Gastroenterology</i> , 2015, 21, 1081.	3.3	50
61	Determinants of Intestinal Permeability in Healthy First-Degree Relatives of Individuals with Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 879-887.	1.9	49
62	Lower Abundance and Impaired Function of CD71+ Erythroid Cells in Inflammatory Bowel Disease Patients During Pregnancy. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 230-244.	1.3	49
63	Postoperative Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 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. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 431-441.	1.3	47
65	Effect of chicory inulin-type fructan-containing snack bars on the human gut microbiota in low dietary fiber consumers in a randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 1286-1296.	4.7	47
66	Defining the Role of a Tailored Luminal Solution for Small Bowel Preservation. <i>American Journal of Transplantation</i> , 2002, 2, 229-236.	4.7	46
67	VSL#3 probiotic therapy does not reduce portal pressures in patients with decompensated cirrhosis. <i>Liver International</i> , 2013, 33, 1470-1477.	3.9	44
68	Adipose Tissue Development and Expansion from the Womb to Adolescence: An Overview. <i>Nutrients</i> , 2020, 12, 2735.	4.1	44
69	Antisense Oligonucleotides to poly(ADP-ribose) Polymerase-2 Ameliorate Colitis in Interleukin-10-Deficient Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 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-10-Deficient Mice. <i>Inflammatory Bowel Diseases</i> , 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 Crohn's Disease in Remission. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 1547-1557.	1.3	43
72	Ambient Ozone Concentrations and the Risk of Perforated and Nonperforated Appendicitis: A Multicity Case-Crossover Study. <i>Environmental Health Perspectives</i> , 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. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 336-341.	2.1	38
74	The role of antibiotic and probiotic therapies in current and future management of inflammatory Bowel disease. <i>Current Gastroenterology Reports</i> , 2006, 8, 486-498.	2.5	37
75	Inflammation and epithelial cell injury in AIDS enteropathy: involvement of endoplasmic reticulum stress. <i>FASEB Journal</i> , 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. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 723-732.	3.7	37
77	The success of fecal microbial transplantation in <i>Clostridium difficile</i> infection correlates with bacteriophage relative abundance in the donor: a retrospective cohort study. <i>Gut Microbes</i> , 2019, 10, 676-687.	9.8	35
78	Patients with Inflammatory Bowel Disease Exhibit Dysregulated Responses to Microbial DNA. <i>PLoS ONE</i> , 2012, 7, e37932.	2.5	34
79	Soluble Dextrin Fibers Alter the Intestinal Microbiota and Reduce Proinflammatory Cytokine Secretion in Male IL-10 ^{-/-} Deficient Mice. <i>Journal of Nutrition</i> , 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. <i>Journal of Clinical Medicine</i> , 2021, 10, 959.	2.4	33
81	Perturbation of the Human Microbiome as a Contributor to Inflammatory Bowel Disease. <i>Pathogens</i> , 2014, 3, 510-527.	2.8	32
82	Intravenous immunoglobulin skews macrophages to an anti-inflammatory, IL-10-producing activation state. <i>Journal of Leukocyte Biology</i> , 2015, 98, 983-994.	3.3	32
83	Normal Breast Milk Limits the Development of Colitis in IL-10 ^{-/-} Deficient Mice. <i>Inflammatory Bowel Diseases</i> , 2002, 8, 390-398.	1.9	31
84	Adenosine is a negative regulator of NF- κ B and MAPK signaling in human intestinal epithelial cells. <i>Cellular Immunology</i> , 2005, 237, 86-95.	3.0	28
85	Dietary and metabolomic determinants of relapse in ulcerative colitis patients: A pilot prospective cohort study. <i>World Journal of Gastroenterology</i> , 2017, 23, 3890.	3.3	28
86	Human small bowel storage: the role for luminal preservation solutions. <i>Transplantation</i> , 2003, 76, 709-714.	1.0	27
87	Fecal microbial transplantation as a therapeutic option in patients colonized with antibiotic resistant organisms. <i>Gut Microbes</i> , 2017, 8, 221-224.	9.8	26
88	Alleviating Ischemia-Reperfusion Injury in Small Bowel. <i>American Journal of Transplantation</i> , 2004, 4, 728-737.	4.7	25
89	Ameliorating Small Bowel Injury Using a Cavitory Two-Layer Preservation Method with Perfluorocarbon and a Nutrient-Rich Solution. <i>American Journal of Transplantation</i> , 2004, 4, 1421-1428.	4.7	24
90	A Distinctive Urinary Metabolomic Fingerprint Is Linked With Endoscopic Postoperative Disease Recurrence in Crohn's Disease Patients. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 861-870.	1.9	24

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91	cis-Urocanic Acid Attenuates Acute Dextran Sodium Sulphate-Induced Intestinal Inflammation. <i>PLoS ONE</i> , 2010, 5, e13676.	2.5	24
92	Epithelial Cell Extrusion Leads to Breaches in the Intestinal Epithelium. <i>Inflammatory Bowel Diseases</i> , 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. <i>BMC Gastroenterology</i> , 2015, 15, 131.	2.0	23
94	Role of Vitamin D in Infliximab-induced Remission in Adult Patients with Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 92-99.	1.9	23
95	Fecal Microbiota Transplantation: Beyond <i>Clostridium difficile</i> . <i>Current Infectious Disease Reports</i> , 2017, 19, 31.	3.0	23
96	Sex and Race Predict Adverse Outcomes Following Bariatric Surgery: an MBSAQIP Analysis. <i>Obesity Surgery</i> , 2020, 30, 1093-1101.	2.1	23
97	Analysis of Genetic Association of Intestinal Permeability in Healthy First-degree Relatives of Patients with Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 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. <i>EBioMedicine</i> , 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. <i>Nutrients</i> , 2020, 12, 2088.	4.1	20
100	The Gut Microbiota Profile in Children with Prader-Willi Syndrome. <i>Genes</i> , 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. <i>Gut Microbes</i> , 2022, 14, 2050636.	9.8	16
102	Basolateral membrane lipid dynamics alter Na ⁺ /K ⁺ ATPase activity in rabbit small intestine. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992, 70, 1483-1490.	1.4	15
103	Composition and Functions of the Gut Microbiome in Pediatric Obesity: Relationships with Markers of Insulin Resistance. <i>Microorganisms</i> , 2021, 9, 1490.	3.6	15
104	Metagenomics Versus Metatranscriptomics of the Murine Gut Microbiome for Assessing Microbial Metabolism During Inflammation. <i>Frontiers in Microbiology</i> , 2022, 13, 829378.	3.5	15
105	Interactions Between Microbes and the Gut Epithelium. <i>Journal of Clinical Gastroenterology</i> , 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. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 1802-1811.	2.4	14
107	Increased permeability occurs in rat ileum following induction of pancolitis. <i>Digestive Diseases and Sciences</i> , 1996, 41, 405-411.	2.3	13
108	Fecal Microbial Transplant After Ileocolic Resection Reduces Ileitis but Restores Colitis in IL-10 ^{-/-} Mice. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1479-1490.	1.9	13

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109	Metabolomic profiling to characterize acute intestinal ischemia/reperfusion injury. <i>PLoS ONE</i> , 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. <i>Transplantation</i> , 2008, 85, 878-884.	1.0	12
111	Western diet-induced anxiolytic effects in mice are associated with alterations in tryptophan metabolism. <i>Nutritional Neuroscience</i> , 2016, 19, 337-345.	3.1	12
112	Ongoing Inconsistencies in Weight Loss Reporting Following Bariatric Surgery: a Systematic Review. <i>Obesity Surgery</i> , 2019, 29, 1375-1387.	2.1	12
113	Intravenous immunoglobulin (IVIg) or IVIg-treated macrophages reduce DSS-induced colitis by inducing macrophage IL-10 production. <i>European Journal of Immunology</i> , 2019, 49, 1251-1268.	2.9	12
114	Application of metabolomics to the study of irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13884.	3.0	12
115	Dietary patterns, food groups and nutrients in Crohn's disease: associations with gut and systemic inflammation. <i>Scientific Reports</i> , 2021, 11, 1674.	3.3	11
116	POTENTIATING THE BENEFIT OF VASCULAR-SUPPLIED GLUTAMINE DURING SMALL BOWEL STORAGE. <i>Transplantation</i> , 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. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 101-110.	1.9	10
118	Endospore forming bacteria may be associated with maintenance of surgically-induced remission in Crohn's disease. <i>Scientific Reports</i> , 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. <i>Scientific Reports</i> , 2021, 11, 23813.	3.3	10
120	Fecal Microbial Transplantation in Inflammatory Bowel Disease: A Movement Too Big to Be Ignored. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 588-590.	4.7	9
121	A BACH2 Gene Variant Is Associated with Postoperative Recurrence of Crohn's Disease. <i>Journal of the American College of Surgeons</i> , 2018, 226, 902-908.	0.5	9
122	The Importance of Impermeant Support in Small Bowel Preservation: A Morphologic, Metabolic and Functional study. <i>American Journal of Transplantation</i> , 2001, 1, 236-242.	4.7	7
123	Intestinal decontamination using povidone-iodine compromises small bowel storage quality. <i>Transplantation</i> , 2003, 75, 1460-1462.	1.0	7
124	Small bowel fibrosis and systemic inflammatory response after ileocolonic anastomosis in IL-10 null mice. <i>Journal of Surgical Research</i> , 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. <i>BMC Nephrology</i> , 2020, 21, 517.	1.8	7
126	Epithelial Gaps in a Rodent Model of Inflammatory Bowel Disease: A Quantitative Validation Study. <i>Clinical and Translational Gastroenterology</i> , 2011, 2, e3.	2.5	6

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127	Increasing Small Intestinal Permeability Worsens Colitis in the IL-10 ^{-/-} Mouse and Prevents the Induction of Oral Tolerance to Ovalbumin. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 8-18.	1.9	5
128	Fecal microbiota transplantation for hepatic encephalopathy: Ready for prime time?. <i>Hepatology</i> , 2017, 66, 1713-1715.	7.3	5
129	IMAGINE Network'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. <i>BMJ Open</i> , 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. <i>Biology</i> , 2021, 10, 254.	2.8	5
131	Ileocolic resection is associated with increased susceptibility to injury in a murine model of colitis. <i>PLoS ONE</i> , 2017, 12, e0184660.	2.5	5
132	The effect of fecal microbial transplant on intestinal microbial composition in short bowel neonatal piglets. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, , .	2.6	5
133	Vanadate reduces sodium-dependent glucose transport and increases glycolytic activity in LLC-PK1 epithelia. <i>Journal of Cellular Physiology</i> , 1994, 158, 459-466.	4.1	4
134	Peroxynitrite Enhances the Ability of Salmonella dublin to Invade T84 Monolayers. <i>Shock</i> , 2002, 18, 93-96.	2.1	4
135	Using Metabolomics to Decipher Probiotic Effects in Patients With Irritable Bowel Syndrome. <i>Journal of Clinical Gastroenterology</i> , 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. <i>Obesity Surgery</i> , 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. <i>Trials</i> , 2021, 22, 148.	1.6	4
138	A New Approach to Inflammatory Bowel Disease Therapy. <i>Pediatric Research</i> , 2001, 49, 2-2.	2.3	4
139	ORALLY ADMINISTERED IMMUNOSUPPRESSANTS MODIFY INTESTINAL UPTAKE OF NUTRIENTS IN RABBITS. <i>Transplantation</i> , 1994, 58, 1241-1245.	1.0	4
140	Murine Ileocolic Bowel Resection with Primary Anastomosis. <i>Journal of Visualized Experiments</i> , 2014, , e52106.	0.3	3
141	Creatine-loading preserves intestinal barrier function during organ preservation. <i>Cryobiology</i> , 2018, 84, 69-76.	0.7	3
142	Reply to Jouhten et al. <i>Clinical Infectious Diseases</i> , 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. <i>Crohn's & Colitis 360</i> , 2021, 3, .	1.1	2
144	Timing of Tributyrin Supplementation Differentially Modulates Gastrointestinal Inflammation and Gut Microbial Recolonization Following Murine Ileocecal Resection. <i>Nutrients</i> , 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
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