

Eugene B Chang

List of Publications by Year in descending order

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Version: 2024-02-01

158
papers

17,155
citations

18482

62
h-index

15732

125
g-index

171
all docs

171
docs citations

171
times ranked

22727
citing authors

#	ARTICLE	IF	CITATIONS
1	Commensal <i>Bifidobacterium</i> promotes antitumor immunity and facilitates anti-PD-L1 efficacy. <i>Science</i> , 2015, 350, 1084-1089.	12.6	2,782
2	Dietary-fat-induced taurocholic acid promotes pathobiont expansion and colitis in IL10 ^{-/-} mice. <i>Nature</i> , 2012, 487, 104-108.	27.8	1,506
3	Effects of Diurnal Variation of Gut Microbes and High-Fat Feeding on Host Circadian Clock Function and Metabolism. <i>Cell Host and Microbe</i> , 2015, 17, 681-689.	11.0	634
4	16S rRNA gene-based analysis of fecal microbiota from preterm infants with and without necrotizing enterocolitis. <i>ISME Journal</i> , 2009, 3, 944-954.	9.8	508
5	Antibiotic-induced perturbations in gut microbial diversity influences neuro-inflammation and amyloidosis in a murine model of Alzheimer's disease. <i>Scientific Reports</i> , 2016, 6, 30028.	3.3	469
6	Exercise Prevents Weight Gain and Alters the Gut Microbiota in a Mouse Model of High Fat Diet-Induced Obesity. <i>PLoS ONE</i> , 2014, 9, e92193.	2.5	451
7	Small Intestine Microbiota Regulate Host Digestive and Absorptive Adaptive Responses to Dietary Lipids. <i>Cell Host and Microbe</i> , 2018, 23, 458-469.e5.	11.0	399
8	The Human Microbiome and Obesity: Moving beyond Associations. <i>Cell Host and Microbe</i> , 2017, 22, 589-599.	11.0	366
9	Chronic Sleep Disruption Alters Gut Microbiota, Induces Systemic and Adipose Tissue Inflammation and Insulin Resistance in Mice. <i>Scientific Reports</i> , 2016, 6, 35405.	3.3	316
10	Probiotics inhibit nuclear factor- κ B and induce heat shock proteins in colonic epithelial cells through proteasome inhibition. <i>Gastroenterology</i> , 2004, 127, 1474-1487.	1.3	307
11	Microbial signals drive pre-leukaemic myeloproliferation in a Tet2-deficient host. <i>Nature</i> , 2018, 557, 580-584.	27.8	296
12	Intestinal epithelial vitamin D receptor deletion leads to defective autophagy in colitis. <i>Gut</i> , 2015, 64, 1082-1094.	12.1	279
13	Inflammatory Bowel Diseases (IBD) and the Microbiome—Searching the Crime Scene for Clues. <i>Gastroenterology</i> , 2021, 160, 524-537.	1.3	276
14	Soluble factors from <i>Lactobacillus GG</i> activate MAPKs and induce cytoprotective heat shock proteins in intestinal epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C1018-C1030.	4.6	258
15	Regional Diversity of the Gastrointestinal Microbiome. <i>Cell Host and Microbe</i> , 2019, 26, 314-324.	11.0	247
16	hPepT1 transports muramyl dipeptide, activating NF- κ B and stimulating IL-8 secretion in human colonic Caco2/bbe cells. <i>Gastroenterology</i> , 2004, 127, 1401-1409.	1.3	223
17	The <i>Bacillus subtilis</i> Quorum-Sensing Molecule CSF Contributes to Intestinal Homeostasis via OCTN2, a Host Cell Membrane Transporter. <i>Cell Host and Microbe</i> , 2007, 1, 299-308.	11.0	218
18	Circadian Clock Regulation of Hepatic Lipid Metabolism by Modulation of m6A mRNA Methylation. <i>Cell Reports</i> , 2018, 25, 1816-1828.e4.	6.4	207

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19	Antibiotic-induced perturbations in microbial diversity during post-natal development alters amyloid pathology in an aged APPSWE/PS1 ^{E9} murine model of Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 10411.	3.3	206
20	Intracellular Hmgb1 Inhibits Inflammatory Nucleosome Release and Limits Acute Pancreatitis in Mice. <i>Gastroenterology</i> , 2014, 146, 1097-1107.e8.	1.3	200
21	Western diets, gut dysbiosis, and metabolic diseases: Are they linked?. <i>Gut Microbes</i> , 2017, 8, 130-142.	9.8	177
22	The Microbe-Derived Short Chain Fatty Acid Butyrate Targets miRNA-Dependent p21 Gene Expression in Human Colon Cancer. <i>PLoS ONE</i> , 2011, 6, e16221.	2.5	174
23	Cytosolic HMGB1 controls the cellular autophagy/apoptosis checkpoint during inflammation. <i>Journal of Clinical Investigation</i> , 2015, 125, 1098-1110.	8.2	173
24	Intratumoral accumulation of gut microbiota facilitates CD47-based immunotherapy via STING signaling. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	172
25	Inhibition of Na ⁺ /K ⁺ -ATPase by interferon β down-regulates intestinal epithelial transport and barrier function. <i>Gastroenterology</i> , 2001, 120, 1393-1403.	1.3	146
26	Exploring gut microbes in human health and disease: Pushing the envelope. <i>Genes and Diseases</i> , 2014, 1, 132-139.	3.4	144
27	GLUTAMINE REDUCES CYTOKINE RELEASE, ORGAN DAMAGE, AND MORTALITY IN A RAT MODEL OF ENDOTOXEMIA. <i>Shock</i> , 2001, 16, 398-402.	2.1	143
28	Butyrate inhibits pro-proliferative miR-92a by diminishing c-Myc-induced miR-17-92a cluster transcription in human colon cancer cells. <i>Molecular Cancer</i> , 2015, 14, 180.	19.2	135
29	T cell activation causes diarrhea by increasing intestinal permeability and inhibiting epithelial Na ⁺ /K ⁺ -ATPase. <i>Journal of Clinical Investigation</i> , 2002, 110, 1739-1747.	8.2	134
30	A gene-targeted approach to investigate the intestinal butyrate-producing bacterial community. <i>Microbiome</i> , 2013, 1, 8.	11.1	129
31	Diet, microbes, and host genetics: the perfect storm in inflammatory bowel diseases. <i>Journal of Gastroenterology</i> , 2013, 48, 315-321.	5.1	128
32	Standard Colonic Lavage Alters the Natural State of Mucosal-Associated Microbiota in the Human Colon. <i>PLoS ONE</i> , 2012, 7, e32545.	2.5	127
33	Gene-targeted microfluidic cultivation validated by isolation of a gut bacterium listed in Human Microbiome Project's Most Wanted taxa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9768-9773.	7.1	126
34	The gut microbiota and inflammatory bowel diseases. <i>Translational Research</i> , 2017, 179, 38-48.	5.0	124
35	Hepatocyte-specific high-mobility group box 1 deletion worsens the injury in liver ischemia/reperfusion: A role for intracellular high-mobility group box 1 in cellular protection. <i>Hepatology</i> , 2014, 59, 1984-1997.	7.3	123
36	Composition of Dietary Fat Source Shapes Gut Microbiota Architecture and Alters Host Inflammatory Mediators in Mouse Adipose Tissue. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013, 37, 746-754.	2.6	119

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37	IFN- γ downregulates expression of Na ⁺ /H ⁺ exchangers NHE2 and NHE3 in rat intestine and human Caco-2/bbe cells. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1224-C1232.	4.6	117
38	Crosstalk between NF- κ B and β -catenin pathways in bacterial-colonized intestinal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, G129-G137.	3.4	116
39	Regional Mucosa-Associated Microbiota Determine Physiological Expression of TLR2 and TLR4 in Murine Colon. <i>PLoS ONE</i> , 2010, 5, e13607.	2.5	110
40	Diet, gut microbes, and the pathogenesis of inflammatory bowel diseases. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600129.	3.3	110
41	Peripartum Antibiotics Promote Gut Dysbiosis, Loss of Immune Tolerance, and Inflammatory Bowel Disease in Genetically Prone Offspring. <i>Cell Reports</i> , 2017, 20, 491-504.	6.4	109
42	Plasma microbiome-modulated indole- and phenyl-derived metabolites associate with advanced atherosclerosis and postoperative outcomes. <i>Journal of Vascular Surgery</i> , 2018, 68, 1552-1562.e7.	1.1	105
43	Luminal bacterial flora determines physiological expression of intestinal epithelial cytoprotective heat shock proteins 25 and 72. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G696-G704.	3.4	104
44	Microbial metabolites in health and disease: Navigating the unknown in search of function. <i>Journal of Biological Chemistry</i> , 2017, 292, 8553-8559.	3.4	103
45	Short-chain fatty acids induce intestinal epithelial heat shock protein 25 expression in rats and IEC 18 cells. <i>Gastroenterology</i> , 2001, 121, 631-639.	1.3	101
46	Enteric flora and lymphocyte-derived cytokines determine expression of heat shock proteins in mouse colonic epithelial cells. <i>Gastroenterology</i> , 2003, 124, 1395-1407.	1.3	99
47	Heat-shock protein 72 protects against oxidant-induced injury of barrier function of human colonic epithelial Caco2/bbe cells. <i>Gastroenterology</i> , 1999, 117, 115-122.	1.3	89
48	Intersection of the Gut Microbiome and Circadian Rhythms in Metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 25-36.	7.1	89
49	Interleukin-11-induced heat shock protein 25 confers intestinal epithelial-specific cytoprotection from oxidant stress. <i>Gastroenterology</i> , 2003, 124, 1358-1368.	1.3	88
50	A polyphenol-rich fraction obtained from table grapes decreases adiposity, insulin resistance and markers of inflammation and impacts gut microbiota in high-fat-fed mice. <i>Journal of Nutritional Biochemistry</i> , 2016, 31, 150-165.	4.2	87
51	T cell activation causes diarrhea by increasing intestinal permeability and inhibiting epithelial Na ⁺ /K ⁺ -ATPase. <i>Journal of Clinical Investigation</i> , 2002, 110, 1739-1747.	8.2	87
52	Translational Inhibition of Colonic Epithelial Heat Shock Proteins by IFN- γ and TNF- α in Intestinal Inflammation. <i>Gastroenterology</i> , 2007, 133, 1893-1904.	1.3	85
53	Divergent responses of viral and bacterial communities in the gut microbiome to dietary disturbances in mice. <i>ISME Journal</i> , 2016, 10, 1217-1227.	9.8	85
54	Genetic and Metabolic Signals during Acute Enteric Bacterial Infection Alter the Microbiota and Drive Progression to Chronic Inflammatory Disease. <i>Cell Host and Microbe</i> , 2016, 19, 21-31.	11.0	81

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55	Tissue distribution of Na ⁺ /H ⁺ exchanger isoforms NHE2 and NHE4 in rat intestine and kidney. <i>American Journal of Physiology - Cell Physiology</i> , 1997, 273, C1496-C1505.	4.6	80
56	Table grape consumption reduces adiposity and markers of hepatic lipogenesis and alters gut microbiota in butter fat-fed mice. <i>Journal of Nutritional Biochemistry</i> , 2016, 27, 123-135.	4.2	80
57	Bacteria-free solution derived from <i>Lactobacillus plantarum</i> inhibits multiple NF-kappaB pathways and inhibits proteasome function. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 1537-1547.	1.9	77
58	Compound K, a Ginsenoside Metabolite, Inhibits Colon Cancer Growth via Multiple Pathways Including p53-p21 Interactions. <i>International Journal of Molecular Sciences</i> , 2013, 14, 2980-2995.	4.1	76
59	Droplet-based high-throughput cultivation for accurate screening of antibiotic resistant gut microbes. <i>ELife</i> , 2020, 9, .	6.0	73
60	<i>Oxalobacter formigenes</i> Derived Bioactive Factors Stimulate Oxalate Transport by Intestinal Epithelial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 876-887.	6.1	70
61	Gut microbiota as a transducer of dietary cues to regulate host circadian rhythms and metabolism. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 679-689.	17.8	70
62	Membrane-limited expression and regulation of Na ⁺ /H ⁺ exchanger isoforms by P2 receptors in the rat submandibular gland duct. <i>Journal of Physiology</i> , 1998, 513, 341-357.	2.9	68
63	Protective role of HSP72 against <i>Clostridium difficile</i> toxin A-induced intestinal epithelial cell dysfunction. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 284, C1073-C1082.	4.6	65
64	Intestinal epithelial HMGB1 inhibits bacterial infection via STAT3 regulation of autophagy. <i>Autophagy</i> , 2019, 15, 1935-1953.	9.1	63
65	Antibiotics Suppress Activation of Intestinal Mucosal Mast Cells and Reduce Dietary Lipid Absorption in Sprague-Dawley Rats. <i>Gastroenterology</i> , 2016, 151, 923-932.	1.3	62
66	Ginsenoside compound K, not Rb1, possesses potential chemopreventive activities in human colorectal cancer. <i>International Journal of Oncology</i> , 2012, 40, 1970-6.	3.3	61
67	Activation of bile acid signaling improves metabolic phenotypes in high-fat diet-induced obese mice. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G286-G304.	3.4	59
68	The Gut Microbiome and Inflammatory Bowel Diseases. <i>Annual Review of Medicine</i> , 2022, 73, 455-468.	12.2	57
69	Mutual reinforcement of pathophysiological host-microbe interactions in intestinal stasis models. <i>Physiological Reports</i> , 2017, 5, e13182.	1.7	55
70	Role and regulation of intestinal epithelial heat shock proteins in health and disease. <i>Chinese Journal of Digestive Diseases</i> , 2004, 5, 45-50.	1.0	54
71	IBD and the Gut Microbiota from Bench to Personalized Medicine. <i>Current Gastroenterology Reports</i> , 2015, 17, 15.	2.5	54
72	Report of the National Heart, Lung, and Blood Institute Working Group on the Role of Microbiota in Blood Pressure Regulation. <i>Hypertension</i> , 2017, 70, 479-485.	2.7	53

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73	Western Diet Promotes Intestinal Colonization by Collagenolytic Microbes and Promotes Tumor Formation After Colorectal Surgery. <i>Gastroenterology</i> , 2020, 158, 958-970.e2.	1.3	53
74	The intestinal microbiota in the pathogenesis of inflammatory bowel diseases: new insights into complex disease. <i>Clinical Science</i> , 2018, 132, 2013-2028.	4.3	51
75	Synergistic depletion of gut microbial consortia, but not individual antibiotics, reduces amyloidosis in APPPS1-21 Alzheimer's transgenic mice. <i>Scientific Reports</i> , 2020, 10, 8183.	3.3	51
76	Regulation of apical membrane Na ⁺ /H ⁺ exchangers NHE2 and NHE3 in intestinal epithelial cell line C2/bbe. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 275, C693-C701.	4.6	50
77	Microbiome characterization by high-throughput transfer RNA sequencing and modification analysis. <i>Nature Communications</i> , 2018, 9, 5353.	12.8	48
78	Minimizing confounders and increasing data quality in murine models for studies of the gut microbiome. <i>PeerJ</i> , 2018, 6, e5166.	2.0	48
79	Gut microbiota-driven brain A β amyloidosis in mice requires microglia. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	44
80	Laser capture microdissection and metagenomic analysis of intact mucosa-associated microbial communities of human colon. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 1333-1342.	3.6	42
81	American ginseng suppresses Western diet-promoted tumorigenesis in model of inflammation-associated colon cancer: role of EGFR. <i>BMC Complementary and Alternative Medicine</i> , 2011, 11, 111.	3.7	42
82	Lubiprostone Decreases Mouse Colonic Inner Mucus Layer Thickness and Alters Intestinal Microbiota. <i>Digestive Diseases and Sciences</i> , 2013, 58, 668-677.	2.3	42
83	Tumor necrosis factor- α and interferon- γ increase PepT1 expression and activity in the human colon carcinoma cell line Caco-2/bbe and in mouse intestine. <i>Pflügers Archiv European Journal of Physiology</i> , 2006, 452, 71-80.	2.8	41
84	Expression of multiple Na ⁺ /H ⁺ exchanger isoforms in rat parotid acinar and ductal cells. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 276, G470-G478.	3.4	40
85	Regional differences in colonic mucosa-associated microbiota determine the physiological expression of host heat shock proteins. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, G1266-G1275.	3.4	38
86	Patient-Specific <i>Bacteroides</i> Genome Variants in Pouchitis. <i>MBio</i> , 2016, 7, .	4.1	38
87	Nanotraps for the containment and clearance of SARS-CoV-2. <i>Matter</i> , 2021, 4, 2059-2082.	10.0	38
88	Epithelial Secretory Response to Inflammation. <i>Annals of the New York Academy of Sciences</i> , 1992, 664, 210-221.	3.8	37
89	The Colitis-Associated Transcriptional Profile of Commensal <i>Bacteroides thetaiotaomicron</i> Enhances Adaptive Immune Responses to a Bacterial Antigen. <i>PLoS ONE</i> , 2012, 7, e42645.	2.5	36
90	The role of diet in triggering human inflammatory disorders in the modern age. <i>Microbes and Infection</i> , 2013, 15, 765-774.	1.9	35

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91	Daikenchuto (TUâ€100) shapes gut microbiota architecture and increases the production of ginsenoside metabolite compound K. <i>Pharmacology Research and Perspectives</i> , 2016, 4, e00215.	2.4	34
92	The Gut Microbiota. <i>Gastroenterology Clinics of North America</i> , 2016, 45, 601-614.	2.2	34
93	Determination of American ginseng saponins and their metabolites in human plasma, urine and feces samples by liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1015-1016, 62-73.	2.3	34
94	Small intestinal microbiota: the neglected stepchild needed for fat digestion and absorption. <i>Gut Microbes</i> , 2019, 10, 235-240.	9.8	34
95	Michael addition-based probes for ratiometric fluorescence imaging of protein S-depalmitoylases in live cells and tissues. <i>Chemical Science</i> , 2017, 8, 7588-7592.	7.4	31
96	Transcriptional Modulation of Intestinal Innate Defense/Inflammation Genes by Preterm Infant Microbiota in a Humanized Gnotobiotic Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0124504.	2.5	30
97	Diet, gut microbes, and genetics in immune function: can we leverage our current knowledge to achieve better outcomes in inflammatory bowel diseases?. <i>Current Opinion in Immunology</i> , 2014, 31, 16-23.	5.5	29
98	Butyrate and bioactive proteolytic form of Wnt-5a regulate colonic epithelial proliferation and spatial development. <i>Scientific Reports</i> , 2016, 6, 32094.	3.3	28
99	Inflammation-induced, 3â€2UTR-dependent translational inhibition of Hsp70 mRNA impairs intestinal homeostasis. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G1003-G1011.	3.4	26
100	Cytokine regulation of OCTN2 expression and activity in small and large intestine. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 907-916.	1.9	26
101	High-fat diet disrupts REG3Î³ and gut microbial rhythms promoting metabolic dysfunction. <i>Cell Host and Microbe</i> , 2022, 30, 809-823.e6.	11.0	26
102	Significant difference in active metabolite levels of ginseng in humans consuming Asian or Western diet: The link with enteric microbiota. <i>Biomedical Chromatography</i> , 2017, 31, e3851.	1.7	25
103	The microbiome: Composition and locations. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 176, 1-42.	1.7	23
104	Vancomycin treatment and butyrate supplementation modulate gut microbe composition and severity of neointimal hyperplasia after arterial injury. <i>Physiological Reports</i> , 2015, 3, e12627.	1.7	22
105	Insights into the pathogenesis of ulcerative colitis from a murine model of stasis-induced dysbiosis, colonic metaplasia, and genetic susceptibility. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G973-G988.	3.4	22
106	Oxidants potentiate Ca ²⁺ - and cAMP-stimulated Cl ⁻ secretion in intestinal epithelial T84 cells. <i>Gastroenterology</i> , 2001, 120, 89-98.	1.3	21
107	Heat shock protein 72 binds and protects dihydrofolate reductase against oxidative injury. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 185-192.	2.1	21
108	Studying the Enteric Microbiome in Inflammatory Bowel Diseases: Getting through the Growing Pains and Moving Forward. <i>Frontiers in Microbiology</i> , 2011, 2, 144.	3.5	20

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109	Dietary antioxidant micronutrients alter mucosal inflammatory risk in a murine model of genetic and microbial susceptibility. <i>Journal of Nutritional Biochemistry</i> , 2018, 54, 95-104.	4.2	20
110	Early-Life Microbial Restitution Reduces Colitis Risk Promoted by Antibiotic-Induced Gut Dysbiosis in Interleukin 10 ^{-/-} Mice. <i>Gastroenterology</i> , 2021, 161, 940-952.e15.	1.3	20
111	Towards Anatomic Scale Agent-Based Modeling with a Massively Parallel Spatially Explicit General-Purpose Model of Enteric Tissue (SEGMEnt_HPC). <i>PLoS ONE</i> , 2015, 10, e0122192.	2.5	20
112	Distinct roles of intracellular heat shock protein 70 in maintaining gastrointestinal homeostasis. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G164-G178.	3.4	19
113	Epithelial wound healing in inflammatory bowel diseases: the next therapeutic frontier. <i>Translational Research</i> , 2021, 236, 35-51.	5.0	19
114	TU-100 (Daikenchuto) and Ginger Ameliorate Anti-CD3 Antibody Induced T Cell-Mediated Murine Enteritis: Microbe-Independent Effects Involving Akt and NF- κ B Suppression. <i>PLoS ONE</i> , 2014, 9, e97456.	2.5	19
115	Time-, Sex-, and Dose-Dependent Alterations of the Gut Microbiota by Consumption of Dietary Daikenchuto (TU-100). <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-18.	1.2	18
116	Expression and phosphorylation of NHE1 in wild-type and transformed human and rodent fibroblasts. <i>Journal of Cellular Physiology</i> , 1994, 161, 351-357.	4.1	16
117	Early Transcriptomic Changes in the Ileal Pouch Provide Insight into the Molecular Pathogenesis of Pouchitis and Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 1.	1.9	16
118	A Multifunctional Neutralizing Antibody-Conjugated Nanoparticle Inhibits and Inactivates SARS-CoV-2. <i>Advanced Science</i> , 2022, 9, e2103240.	11.2	16
119	TGR5 signaling mitigates parenteral nutrition-associated liver disease. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G322-G335.	3.4	15
120	Diet-induced expansion of pathobionts in experimental colitis. <i>Gut Microbes</i> , 2013, 4, 172-174.	9.8	14
121	Microbiota control acute arterial inflammation and neointimal hyperplasia development after arterial injury. <i>PLoS ONE</i> , 2018, 13, e0208426.	2.5	14
122	Responsible stewardship for communicating microbiome research to the press and public. <i>Nature Medicine</i> , 2019, 25, 872-874.	30.7	14
123	Functional predictions from inference and observation in sequence-based inflammatory bowel disease research. <i>Genome Biology</i> , 2012, 13, 169.	9.6	14
124	Navigating the Microbial Basis of Inflammatory Bowel Diseases: Seeing the Light at the End of the Tunnel. <i>Gut and Liver</i> , 2016, 10, 502-508.	2.9	14
125	Bethanechol inhibition of chicken intestinal brush border Na/H exchange: Role of protein kinase C and other calcium-dependent processes. <i>Journal of Cellular Physiology</i> , 1992, 152, 362-371.	4.1	13
126	Mechanisms and treatment of diarrhea in inflammatory bowel diseases. <i>Inflammatory Bowel Diseases</i> , 1997, 3, 114-131.	1.9	13

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127	Transplanting a Microbial Organ: the Good, the Bad, and the Unknown. MBio, 2016, 7, .	4.1	13
128	Mechanisms and Treatment of Diarrhea in Inflammatory Bowel Diseases. Inflammatory Bowel Diseases, 1997, 3, 114-131.	1.9	12
129	Fructose diet alleviates acetaminophen-induced hepatotoxicity in mice. PLoS ONE, 2017, 12, e0182977.	2.5	12
130	Functional predictions from inference and observation in sequence-based inflammatory bowel disease research. Genome Biology, 2012, 13, 169.	8.8	11
131	High-Fat Diet Alters the Retinal Transcriptome in the Absence of Gut Microbiota. Cells, 2021, 10, 2119.	4.1	11
132	Do heat shock proteins play any role in gut inflammation?. Inflammatory Bowel Diseases, 2008, 14, S102-S103.	1.9	10
133	Daikenchuto (TUâ€100) Suppresses Tumor Development in the Azoxymethane and APC^{min/+} Mouse Models of Experimental Colon Cancer. Phytotherapy Research, 2017, 31, 90-99.	5.8	10
134	Navigating the Human Gut Microbiome: Pathway to Success from Lessons Learned. Gastroenterology, 2020, 159, 2019-2024.	1.3	10
135	Microbial Physiology of the Digestive Tract and Its Role in Inflammatory Bowel Diseases. , 2018, , 795-810.		9
136	Bile Diversion Improves Metabolic Phenotype Dependent on Farnesoid X Receptor (FXR). Obesity, 2019, 27, 803-812.	3.0	8
137	IBD Microbial Metabolome: The Good, Bad, and Unknown. Trends in Endocrinology and Metabolism, 2020, 31, 807-809.	7.1	8
138	The regulatory role of <sc>N⁶</sc>-methyladenosine modification in the interaction between host and microbes. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1725.	6.4	8
139	Metagenomic Alterations in Gut Microbiota Precede and Predict Onset of Colitis in the IL10 Gene-Deficient Murine Model. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 491-502.	4.5	7
140	Daikenchuto (TUâ€100) alters murine hepatic and intestinal drug metabolizing enzymes in an inÂvivo dietary model: effects of gender and withdrawal. Pharmacology Research and Perspectives, 2017, 5, e00361.	2.4	5
141	Gnotobiotic Operations and Assembly for Development of Germ-Free Animal Model of Laser-Induced Choroidal Neovascularization. Translational Vision Science and Technology, 2021, 10, 14.	2.2	5
142	Do heat shock proteins play any role in gut inflammation?. Inflammatory Bowel Diseases, 2008, 14, S102-S103.	1.9	4
143	Microbiota composition modulates inflammation and neointimal hyperplasia after arterial angioplasty. Journal of Vascular Surgery, 2020, 71, 1378-1389.e3.	1.1	4
144	The Gut Microbiome: Reaching the Promise Through Discoveryâ€” Advancing Knowledge and Discovery of the Gut Microbiome in the Age of Precision Medicine. Gastroenterology, 2021, 160, 479-482.	1.3	4

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145	Intracellular HMGB1: defender of client proteins and cell fate. <i>Oncotarget</i> , 2015, 6, 8432-8433.	1.8	4
146	Regional alterations in intestinal sucrase expression in streptozocin-treated chronically diabetic rats. <i>Digestive Diseases and Sciences</i> , 1992, 37, 1078-1083.	2.3	3
147	Phorbol dibutyrate-specific protein phosphorylation in brush border membranes of chicken enterocytes. <i>Journal of Cellular Physiology</i> , 1994, 159, 347-355.	4.1	3
148	Luminal bacterial flora determine physiological expression of intestinal epithelial cytoprotective heat shock protein 25 and 72 expression. <i>Gastroenterology</i> , 2003, 124, A484.	1.3	3
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