

Mechanisms regulating intestinal barrier integrity and

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Microbiota in the Gastrointestinal Tract. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 116.	1.3	112
2	The Role of Gut Microbiota in Intestinal Inflammation with Respect to Diet and Extrinsic Stressors. <i>Microorganisms</i> , 2019, 7, 271.	1.6	186
3	Identification and Structure-Activity Relationship of Intestinal Epithelial Barrier Function Protective Collagen Peptides from Alaska Pollock Skin. <i>Marine Drugs</i> , 2019, 17, 450.	2.2	16
4	Chenodeoxycholic Acid (CDCA) Protects against the Lipopolysaccharide-Induced Impairment of the Intestinal Epithelial Barrier Function via the FXR-MLCK Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8868-8874.	2.4	48
5	Pretreatment with probiotic <i>Enterococcus faecium</i> NCIMB 11181 ameliorates necrotic enteritis-induced intestinal barrier injury in broiler chickens. <i>Scientific Reports</i> , 2019, 9, 10256.	1.6	43
6	Disruption of gut integrity and permeability contributes to enteritis in a fish-parasite model: a story told from serum metabolomics. <i>Parasites and Vectors</i> , 2019, 12, 486.	1.0	24
7	Effect of peristaltic-like movement on bioengineered intestinal tube. <i>Materials Today Bio</i> , 2019, 4, 100027.	2.6	4
8	Ursodeoxycholic acid: a promising therapeutic target for inflammatory bowel diseases?. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G872-G881.	1.6	22
9	16 $\alpha$ -Hydroxytrametenolic Acid from <i>Poria cocos</i> Improves Intestinal Barrier Function Through the Glucocorticoid Receptor-Mediated PI3K/Akt/NF- $\kappa$ B Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10871-10879.	2.4	25
10	Anti-Inflammatory Mechanisms of Koreanaside A, a Lignan Isolated from the Flower of <i>Forsythia koreana</i> , against LPS-Induced Macrophage Activation and DSS-Induced Colitis Mice: The Crucial Role of AP-1, NF- $\kappa$ B, and JAK/STAT Signaling. <i>Cells</i> , 2019, 8, 1163.	1.8	56
11	Development of a colorectal cancer diagnostic model and dietary risk assessment through gut microbiome analysis. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-15.	3.2	69
12	Advanced age promotes colonic dysfunction and gut-derived lung infection after stroke. <i>Aging Cell</i> , 2019, 18, e12980.	3.0	30
13	Lipocalin 24p3 Induction in Colitis Adversely Affects Inflammation and Contributes to Mortality. <i>Frontiers in Immunology</i> , 2019, 10, 812.	2.2	3
14	Milk polar lipids modulate lipid metabolism, gut permeability, and systemic inflammation in high-fat-fed C57BL/6J ob/ob mice, a model of severe obesity. <i>Journal of Dairy Science</i> , 2019, 102, 4816-4831.	1.4	29
15	Impact of the Gastro-Intestinal Bacterial Microbiome on Helicobacter-Associated Diseases. <i>Healthcare (Switzerland)</i> , 2019, 7, 34.	1.0	20
16	Dietary L-tryptophan alleviated LPS-induced intestinal barrier injury by regulating tight junctions in a Caco-2 cell monolayer model. <i>Food and Function</i> , 2019, 10, 2390-2398.	2.1	69
17	<i>Roseburia intestinalis</i> inhibits oncostatin M and maintains tight junction integrity in a murine model of acute experimental colitis. <i>Scandinavian Journal of Gastroenterology</i> , 2019, 54, 432-440.	0.6	27
18	The Role of Gut-Derived Microbial Antigens on Liver Fibrosis Initiation and Progression. <i>Cells</i> , 2019, 8, 1324.	1.8	39

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19	Butyrate attenuated fat gain through gut microbiota modulation in db/db mice following dapagliflozin treatment. <i>Scientific Reports</i> , 2019, 9, 20300.	1.6	27
20	Pharmacokinetic and pharmacodynamic insights from microfluidic intestine-on-a-chip models. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019, 15, 1005-1019.	1.5	35
21	Innate Lymphoid Cells: Regulators of Gut Barrier Function and Immune Homeostasis. <i>Journal of Immunology Research</i> , 2019, 2019, 1-15.	0.9	29
22	The Skin and Intestinal Microbiota and Their Specific Innate Immune Systems. <i>Frontiers in Immunology</i> , 2019, 10, 2950.	2.2	63
23	Ping-Pong Tumor and Host in Pancreatic Cancer Progression. <i>Frontiers in Oncology</i> , 2019, 9, 1359.	1.3	25
24	<i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> 2038 and <i>Streptococcus thermophilus</i> 1131 Induce the Expression of the REG3 Family in the Small Intestine of Mice via the Stimulation of Dendritic Cells and Type 3 Innate Lymphoid Cells. <i>Nutrients</i> , 2019, 11, 2998.	1.7	13
25	Role of colonic microbiota in the pathogenesis of ulcerative colitis. <i>BMC Gastroenterology</i> , 2019, 19, 10.	0.8	52
26	The intestinal intermediate filament network responds to and protects against microbial insults and toxins. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	23
27	The Epithelial Barrier Model Shows That the Properties of VSL#3 Depend from Where it is Manufactured. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 199-206.	0.6	18
28	Weight loss probiotic supplementation effect in overweight and obesity subjects: A review. <i>Clinical Nutrition</i> , 2020, 39, 694-704.	2.3	17
29	Intestinal Epithelial Chemokine (C-C Motif) Ligand 7 Overexpression Enhances Acetaminophen-Induced Hepatotoxicity in Mice. <i>American Journal of Pathology</i> , 2020, 190, 57-67.	1.9	13
30	Engineering commensal bacteria to rewire host-microbiome interactions. <i>Current Opinion in Biotechnology</i> , 2020, 62, 116-122.	3.3	26
31	Health-Promoting Properties of Proanthocyanidins for Intestinal Dysfunction. <i>Nutrients</i> , 2020, 12, 130.	1.7	60
32	The gut-liver-kidney axis: Novel regulator of fatty liver associated chronic kidney disease. <i>Pharmacological Research</i> , 2020, 152, 104617.	3.1	50
33	Oxyberberine, a novel gut microbiota-mediated metabolite of berberine, possesses superior anti-colitis effect: Impact on intestinal epithelial barrier, gut microbiota profile and TLR4-MyD88-NF- $\kappa$ B pathway. <i>Pharmacological Research</i> , 2020, 152, 104603.	3.1	157
34	Epithelial Barrier Function. , 2020, , 300-313.		2
35	You've got male: Sex and the microbiota-gut-brain axis across the lifespan. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100815.	2.5	128
36	Relationships Between Vitamin D, Gut Microbiome, and Systemic Autoimmunity. <i>Frontiers in Immunology</i> , 2019, 10, 3141.	2.2	121

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37	Weissella cibaria Attenuated LPS-Induced Dysfunction of Intestinal Epithelial Barrier in a Caco-2 Cell Monolayer Model. <i>Frontiers in Microbiology</i> , 2020, 11, 2039.	1.5	27
38	Prevention of Rat Intestinal Injury with a Drug Combination of Melatonin and Misoprostol. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6771.	1.8	7
39	Post-Delivery Milking Delay Influence on the Effect of Oral Supplementation with Bovine Colostrum as Measured with Intestinal Permeability Test. <i>Medicina (Lithuania)</i> , 2020, 56, 495.	0.8	15
40	Beneficial Effects of Proanthocyanidins on Intestinal Permeability and Its Relationship with Inflammation. , 0, , .		0
41	A polysaccharide from <i>Fagopyrum esculentum</i> Moench bee pollen alleviates microbiota dysbiosis to improve intestinal barrier function in antibiotic-treated mice. <i>Food and Function</i> , 2020, 11, 10519-10533.	2.1	26
42	Microbe-Driven Genotoxicity in Gastrointestinal Carcinogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7439.	1.8	10
43	&lt;p&gt;Dynamic Interplay Between Microbiota and Mucosal Immunity in Early Shaping of Asthma and its Implication for the COVID-19 Pandemic&lt;/p&gt;. <i>Journal of Asthma and Allergy</i> , 2020, Volume 13, 369-383.	1.5	5
44	Oral Exposure to 1,4-Dioxane Induces Hepatic Inflammation in Mice: The Potential Promoting Effect of the Gut Microbiome. <i>Environmental Science &amp; Technology</i> , 2020, 54, 10149-10158.	4.6	17
45	The microbiota-gut-brain axis: An emerging therapeutic target in chemotherapy-induced cognitive impairment. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 470-479.	2.9	25
46	<i>Riemerella anatipestifer</i> infection affects intestinal barrier structure and immune reactions in the duck caecum. <i>Avian Pathology</i> , 2020, 49, 572-580.	0.8	7
47	Ulcerative Colitis-Derived Colonoid Culture: A Multi-Mineral-Approach to Improve Barrier Protein Expression. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 577221.	1.8	16
48	Impact of Fermentable Protein, by Feeding High Protein Diets, on Microbial Composition, Microbial Catabolic Activity, Gut Health and beyond in Pigs. <i>Microorganisms</i> , 2020, 8, 1735.	1.6	32
49	Anti-inflammatory effects of monoterpenoids in rats with TNBS-induced colitis. <i>PharmaNutrition</i> , 2020, 14, 100240.	0.8	10
50	Effective Combination Therapy of Angiotensin-II Receptor Blocker and Rifaximin for Hepatic Fibrosis in Rat Model of Nonalcoholic Steatohepatitis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5589.	1.8	21
51	The role of gut microbiome in chemical-induced metabolic and toxicological murine disease models. <i>Life Sciences</i> , 2020, 258, 118172.	2.0	21
52	Neohesperidin attenuates obesity by altering the composition of the gut microbiota in high-fat diet-fed mice. <i>FASEB Journal</i> , 2020, 34, 12053-12071.	0.2	46
53	The control of the intestinal epithelium integrity in irritable bowel syndrome patients. , 2020, , 43-56.		0
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55	Phenolic Compounds Promote Diversity of Gut Microbiota and Maintain Colonic Health. <i>Digestive Diseases and Sciences</i> , 2021, 66, 3270-3289.	1.1	22
56	Interplay of intestinal microbiota and mucosal immunity in inflammatory bowel disease: a relationship of frenemies. <i>Therapeutic Advances in Gastroenterology</i> , 2020, 13, 175628482093518.	1.4	16
57	Novel Dietary Proteins Selectively Affect Intestinal Health In Vitro after <i>Clostridium difficile</i> -Secreted Toxin A Exposure. <i>Nutrients</i> , 2020, 12, 2782.	1.7	3
58	Effect of Perfluorooctanoic Acid on the Epigenetic and Tight Junction Genes of the Mouse Intestine. <i>Toxics</i> , 2020, 8, 64.	1.6	25
59	Salvianolic acid B prevents body weight gain and regulates gut microbiota and LPS/TLR4 signaling pathway in high-fat diet-induced obese mice. <i>Food and Function</i> , 2020, 11, 8743-8756.	2.1	35
60	Three-tissue microphysiological system for studying inflammatory responses in gut-liver Axis. <i>Biomedical Microdevices</i> , 2020, 22, 65.	1.4	15
61	p-Cymene and Rosmarinic Acid Ameliorate TNBS-Induced Intestinal Inflammation Upkeeping ZO-1 and MUC-2: Role of Antioxidant System and Immunomodulation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5870.	1.8	33
62	Modulation of the Gut Microbiota by Shen-Yan-Fang-Shuai Formula Improves Obesity Induced by High-Fat Diets. <i>Frontiers in Microbiology</i> , 2020, 11, 564376.	1.5	3
63	Cornelian Cherry Iridoid-Polyphenolic Extract Improves Mucosal Epithelial Barrier Integrity in Rat Experimental Colitis and Exerts Antimicrobial and Antiadhesive Activities In Vitro. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	1.9	18
64	Doxorubicin increases permeability of murine small intestinal epithelium and cultured T84 monolayers. <i>Scientific Reports</i> , 2020, 10, 21486.	1.6	6
65	The microbiota-gut-brain axis: Focus on the fundamental communication pathways. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 176, 43-110.	0.9	35
66	<p>Gut Microbiota, Peroxisome Proliferator-Activated Receptors, and Hepatocellular Carcinoma</p>. <i>Journal of Hepatocellular Carcinoma</i> , 2020, Volume 7, 271-288.	1.8	16
67	Effect of Fat-Soluble Vitamins A, D, E and K on Vitamin Status and Metabolic Profile in Patients with Fat Malabsorption with and without Urolithiasis. <i>Nutrients</i> , 2020, 12, 3110.	1.7	11
68	Intestinal Explant Cultures from Gilthead Seabream ( <i>Sparus aurata</i> , L.) Allowed the Determination of Mucosal Sensitivity to Bacterial Pathogens and the Impact of a Plant Protein Diet. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7584.	1.8	6
69	Gallic acid affects intestinal-epithelial-cell integrity and selected amino-acid uptake in porcine <i>in vitro</i> and <i>ex vivo</i> permeability models. <i>British Journal of Nutrition</i> , 2021, 126, 492-500.	1.2	6
70	Particulate Matter Decreases Intestinal Barrier-Associated Proteins Levels in 3D Human Intestinal Model. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3234.	1.2	18
71	Bisphenol A exposure induces gut microbiota dysbiosis and consequent activation of gut-liver axis leading to hepatic steatosis in CD-1 mice. <i>Environmental Pollution</i> , 2020, 265, 114880.	3.7	71
72	Hypoxia Inducible Factor-1 $\alpha$ : The Curator of Gut Homeostasis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 227.	1.8	66

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73	Metabolomics Reveals Altered Hepatic Bile Acids, Gut Microbiome Metabolites, and Cell Membrane Lipids Associated with Marginal Vitamin A Deficiency in a Mongolian Gerbil Model. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901319.	1.5	6
75	Intestinal Permeability in Children with Celiac Disease after the Administration of Oligofructose-Enriched Inulin into a Gluten-Free Diet—Results of a Randomized, Placebo-Controlled, Pilot Trial. <i>Nutrients</i> , 2020, 12, 1736.	1.7	20
76	Gut Microbiome in Psoriasis: An Updated Review. <i>Pathogens</i> , 2020, 9, 463.	1.2	61
77	Potential therapeutic applications of the gut microbiome in obesity: from brain function to body detoxification. <i>International Journal of Obesity</i> , 2020, 44, 1818-1831.	1.6	10
78	Tryptophan Metabolites Along the Microbiota-Gut-Brain Axis: An Interkingdom Communication System Influencing the Gut in Health and Disease. <i>International Journal of Tryptophan Research</i> , 2020, 13, 117864692092898.	1.0	111
79	Obacunone Protects Against Ulcerative Colitis in Mice by Modulating Gut Microbiota, Attenuating TLR4/NF- $\kappa$ B Signaling Cascades, and Improving Disrupted Epithelial Barriers. <i>Frontiers in Microbiology</i> , 2020, 11, 497.	1.5	38
80	Human Intestinal Mononuclear Phagocytes in Health and Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2020, 11, 410.	2.2	54
81	Effects of heat stress on the gut health of poultry. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	94
82	Colistin and tylosin enhances disaccharidase activities, and improves morphology and permeability of the intestine of broilers. <i>British Poultry Science</i> , 2020, 61, 465-470.	0.8	6
83	The impact of oligosaccharide content, glycosidic linkages and lactose content of galacto-oligosaccharides (GOS) on the expression of mucus-related genes in goblet cells. <i>Food and Function</i> , 2020, 11, 3506-3515.	2.1	21
84	<i>Antrodia cinnamomea</i> Confers Obesity Resistance and Restores Intestinal Barrier Integrity in Leptin-deficient Obese Mice. <i>Nutrients</i> , 2020, 12, 726.	1.7	5
85	The role of gut microbiota in bone homeostasis. <i>Bone</i> , 2020, 135, 115317.	1.4	78
86	Effect of dietary inclusion of 1% or 3% of native chicory inulin on the large intestinal mucosa proteome of growing pigs. <i>Animal</i> , 2020, 14, 1647-1658.	1.3	6
87	Porcine circovirus type 2 exploits JNK-mediated disruption of tight junctions to facilitate <i>Streptococcus suis</i> translocation across the tracheal epithelium. <i>Veterinary Research</i> , 2020, 51, 31.	1.1	8
88	Serum Catestatin Levels and Arterial Stiffness Parameters Are Increased in Patients with Inflammatory Bowel Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 628.	1.0	28
89	Evaluation of Intestinal Epithelial Barrier Function in Inflammatory Bowel Diseases Using Murine Intestinal Organoids. <i>Tissue Engineering and Regenerative Medicine</i> , 2020, 17, 641-650.	1.6	15
90	Improvement of intestinal stem cells and barrier function via energy restriction in middle-aged C57BL/6 mice. <i>Nutrition Research</i> , 2020, 81, 47-57.	1.3	5
91	Toxicokinetic Studies in Piglets Reveal Age-Related Differences in Systemic Exposure to Zearalenone, Zearalenone-14-Glucoside, and Zearalenone-14-Sulfate. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7757-7764.	2.4	7

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92	High-Throughput Screen Identifies Host and Microbiota Regulators of Intestinal Barrier Function. <i>Gastroenterology</i> , 2020, 159, 1807-1823.	0.6	102
93	The voltage-gated potassium channel KV1.3 as a therapeutic target for venom-derived peptides. <i>Biochemical Pharmacology</i> , 2020, 181, 114146.	2.0	39
94	Anisakis simplex products impair intestinal epithelial barrier function and occludin and zonula occludens-1 localisation in differentiated Caco-2 cells. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008462.	1.3	11
95	Correlation between Antibodies to Bacterial Lipopolysaccharides and Barrier Proteins in Sera Positive for ASCA and ANCA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1381.	1.8	10
96	Intestinal intermediate filament polypeptides in <i>C. elegans</i> : Common and isotype-specific contributions to intestinal ultrastructure and function. <i>Scientific Reports</i> , 2020, 10, 3142.	1.6	23
97	Zinc L-Aspartate enhances intestinal stem cell activity to protect the integrity of the intestinal mucosa against deoxynivalenol through activation of the Wnt/ $\beta$ -catenin signaling pathway. <i>Environmental Pollution</i> , 2020, 262, 114290.	3.7	30
98	Toxic tall fescue grazing increases susceptibility of the Angus steer fecal microbiota and plasma/urine metabolome to environmental effects. <i>Scientific Reports</i> , 2020, 10, 2497.	1.6	11
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100	PAMP protects intestine from Enterohemorrhagic <i>Escherichia coli</i> infection through destroying cell membrane and inhibiting inflammatory response. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 939-946.	1.0	6
101	Effects of <i>Enteromyxum</i> spp. (Myxozoa) infection in the regulation of intestinal E-cadherin: Turbot against gilthead sea bream. <i>Journal of Fish Diseases</i> , 2020, 43, 337-346.	0.9	9
102	Detrimental Role of Nerve Injury-Induced Protein 1 in Myeloid Cells under Intestinal Inflammatory Conditions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 614.	1.8	13
103	Inflammatory bowel disease and targeted oral anti-TNF therapy. <i>Advances in Protein Chemistry and Structural Biology</i> , 2020, 119, 157-198.	1.0	13
104	The early life microbiota protects neonatal mice from pathological small intestinal epithelial cell shedding. <i>FASEB Journal</i> , 2020, 34, 7075-7088.	0.2	27
105	Evaluation of Microbiome-Host Relationships in the Zebrafish Gastrointestinal System Reveals Adaptive Immunity Is a Target of Bis(2-ethylhexyl) Phthalate (DEHP) Exposure. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5719-5728.	4.6	46
106	<i>cis</i> -9, <i>trans</i> -11, but not <i>trans</i> -10, <i>cis</i> -12 CLA isomer, impairs intestinal epithelial barrier function in IPEC-J2 cells and mice through activation of GPR120-[Ca <sup>2+</sup> ] <sub>i</sub> and the MLCK signaling pathway. <i>Food and Function</i> , 2020, 11, 3657-3667.	2.1	12
107	Role of Gut Microbiota in Neuroendocrine Regulation of Carbohydrate and Lipid Metabolism via the Microbiota-Gut-Brain-Liver Axis. <i>Microorganisms</i> , 2020, 8, 527.	1.6	101
108	Protective properties of grape-seed proanthocyanidins in human ex vivo acute colonic dysfunction induced by dextran sodium sulfate. <i>European Journal of Nutrition</i> , 2021, 60, 79-88.	1.8	15
109	Antioxidant Analogue 6-Amino-2,4,5-Trimethylpyridin-3-ol Ameliorates Experimental Colitis in Mice. <i>Digestive Diseases and Sciences</i> , 2021, 66, 1022-1033.	1.1	2

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110	Association between yogurt consumption and plasma soluble CD14 in two prospective cohorts of US adults. <i>European Journal of Nutrition</i> , 2021, 60, 929-938.	1.8	6
111	How to approach adult patients with asymptomatic esophageal eosinophilia. <i>Ecological Management and Restoration</i> , 2021, 34, .	0.2	9
112	Could there be a role of serum zonulin increase in the development of hypercalcemia in primary hyperparathyroidism. <i>Endocrine</i> , 2021, 72, 234-238.	1.1	0
113	Plasma citrulline correlates with basolateral amino acid transporter LAT4 expression in human small intestine. <i>Clinical Nutrition</i> , 2021, 40, 2244-2251.	2.3	9
114	Pectin in diet: Interactions with the human microbiome, role in gut homeostasis, and nutrient-drug interactions. <i>Carbohydrate Polymers</i> , 2021, 255, 117388.	5.1	66
115	Roadmap to functional characterization of the human intestinal microbiota in its interaction with the host. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113751.	1.4	9
116	Nutritional Control of Intestinal Stem Cells in Homeostasis and Tumorigenesis. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 20-35.	3.1	24
117	Gut immunity in European sea bass ( <i>Dicentrarchus labrax</i> ): a review. <i>Fish and Shellfish Immunology</i> , 2021, 108, 94-108.	1.6	19
118	Prophylactic and therapeutic supplementation using fructo-oligosaccharide improves the intestinal homeostasis after mucositis induced by 5- fluorouracil. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111012.	2.5	18
119	Scutellaria baicalensis Georgi polysaccharide ameliorates DSS-induced ulcerative colitis by improving intestinal barrier function and modulating gut microbiota. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1035-1045.	3.6	211
120	Spermidine ameliorates high-fat diet-induced hepatic steatosis and adipose tissue inflammation in preexisting obese mice. <i>Life Sciences</i> , 2021, 265, 118739.	2.0	26
121	Review article: Epidemiological and animal evidence for the role of air pollution in intestinal diseases. <i>Science of the Total Environment</i> , 2021, 757, 143718.	3.9	43
122	Prenylated xanthenes from mangosteen ( <i>Garcinia mangostana</i> ) activate the AhR and Nrf2 pathways and protect intestinal barrier integrity in HT-29 cells. <i>Free Radical Biology and Medicine</i> , 2021, 163, 102-115.	1.3	16
123	Microbiota-derived extracellular vesicles and metabolic syndrome. <i>Acta Physiologica</i> , 2021, 231, e13600.	1.8	16
124	Benefits of bacteria-derived exopolysaccharides on gastrointestinal microbiota, immunity and health. <i>Journal of Functional Foods</i> , 2021, 76, 104289.	1.6	61
125	A comprehensive review of the strategies to improve oral drug absorption with special emphasis on the cellular and molecular mechanisms. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102178.	1.4	8
126	In vitro copper oxide nanoparticle toxicity on intestinal barrier. <i>Journal of Applied Toxicology</i> , 2021, 41, 291-302.	1.4	6
127	Endocannabinoids, endocannabinoid-like molecules and their precursors in human small intestinal lumen and plasma: does diet affect them?. <i>European Journal of Nutrition</i> , 2021, 60, 2203-2215.	1.8	12

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128	Comparative analysis of beneficial effects of vancomycin treatment on Th1 and Th2 biased mice and the role of gut microbiota. <i>Journal of Applied Microbiology</i> , 2021, 130, 1337-1356.	1.4	14
129	Microbiome-gut-brain axis in cancer treatment-related psychoneurological toxicities and symptoms: a systematic review. <i>Supportive Care in Cancer</i> , 2021, 29, 605-617.	1.0	37
130	Interactions between the epithelial barrier and the microbiota in the reproductive tract. , 2021, , 387-436.		2
131	Intestinal microbiota mediates the beneficial effects of n-3 polyunsaturated fatty acids during dietary obesity. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2021, 28, 21.	0.6	3
132	Gut Microbial Changes and their Contribution to Post-Burn Pathology. <i>Shock</i> , 2021, 56, 329-344.	1.0	13
133	Senolytic Combination of Dasatinib and Quercetin Alleviates Intestinal Senescence and Inflammation and Modulates the Gut Microbiome in Aged Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1895-1905.	1.7	113
134	Chronic opioid use modulates human enteric microbiota and intestinal barrier integrity. <i>Gut Microbes</i> , 2021, 13, 1946368.	4.3	36
135	Eriodictyol attenuates dextran sodium sulphate-induced colitis in mice by regulating the sonic hedgehog signalling pathway. <i>Pharmaceutical Biology</i> , 2021, 59, 972-983.	1.3	11
136	Butyrate-producing human gut symbiont, <i>Clostridium butyricum</i> , and its role in health and disease. <i>Gut Microbes</i> , 2021, 13, 1-28.	4.3	157
137	Gut-Brain Connection: Microbiome, Gut Barrier, and Environmental Sensors. <i>Immune Network</i> , 2021, 21, e20.	1.6	39
138	A High Amylose Wheat Diet Improves Gastrointestinal Health Parameters and Gut Microbiota in Male and Female Mice. <i>Foods</i> , 2021, 10, 220.	1.9	7
139	Plumericin Protects against Experimental Inflammatory Bowel Disease by Restoring Intestinal Barrier Function and Reducing Apoptosis. <i>Biomedicines</i> , 2021, 9, 67.	1.4	9
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