

Akkermansia muciniphila-derived extracellular vesicles the regulation of tight junctions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Is It Time to Use Probiotics to Prevent or Treat Obesity?. <i>Nutrients</i> , 2018, 10, 1613.	1.7	72
2	Schistosome Egg Migration: Mechanisms, Pathogenesis and Host Immune Responses. <i>Frontiers in Immunology</i> , 2018, 9, 3042.	2.2	134
3	Human Breast-Milk Feeding Enhances the Humoral and Cell-Mediated Immune Response in Neonatal Piglets. <i>Journal of Nutrition</i> , 2018, 148, 1860-1870.	1.3	33
4	Pleiotropic effects of metformin: Shaping the microbiome to manage type 2 diabetes and postpone ageing. <i>Ageing Research Reviews</i> , 2018, 48, 87-98.	5.0	80
5	A next-generation beneficial microbe: <i>Akkermansia muciniphila</i> . <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018, 63, 33-35.	0.6	236
6	The Potential of Gut Commensals in Reinforcing Intestinal Barrier Function and Alleviating Inflammation. <i>Nutrients</i> , 2018, 10, 988.	1.7	380
7	Gram-Positive Bacterial Extracellular Vesicles and Their Impact on Health and Disease. <i>Frontiers in Microbiology</i> , 2018, 9, 1502.	1.5	191
8	Immune Cells and Microbiota Response to Iron Starvation. <i>Frontiers in Medicine</i> , 2018, 5, 109.	1.2	16
9	Lactation Stage-Dependency of the Sow Milk Microbiota. <i>Frontiers in Microbiology</i> , 2018, 9, 945.	1.5	55
10	Outside the liver box: The gut microbiota as pivotal modulator of liver diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 912-919.	1.8	22
11	Dietary plants, gut microbiota, and obesity: Effects and mechanisms. <i>Trends in Food Science and Technology</i> , 2019, 92, 194-204.	7.8	119
12	Probiotics for dietary management of non-alcoholic fatty liver disease. <i>Environmental Chemistry Letters</i> , 2019, 17, 1553-1563.	8.3	12
13	Biochemical characteristics and crystallographic evidence for substrate-assisted catalysis of a β -N-acetylhexosaminidase in <i>Akkermansia muciniphila</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 29-35.	1.0	9
14	Role of Dietary Lipids in Modulating Inflammation through the Gut Microbiota. <i>Nutrients</i> , 2019, 11, 117.	1.7	45
15	Postbiotics and Their Potential Applications in Early Life Nutrition and Beyond. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4673.	1.8	310
16	Regulation of Gut Microbiota and Metabolic Endotoxemia with Dietary Factors. <i>Nutrients</i> , 2019, 11, 2277.	1.7	155
17	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
18	<i>Akkermansia muciniphila</i> -Derived Extracellular Vesicles as a Mucosal Delivery Vector for Amelioration of Obesity in Mice. <i>Frontiers in Microbiology</i> , 2019, 10, 2155.	1.5	141

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19	Evaluation of the effects of extracellular vesicles derived from <i>Faecalibacterium prausnitzii</i> on lung cancer cell line. <i>Biologia (Poland)</i> , 2019, 74, 889-898.	0.8	23
20	Composition of the gut microbiota transcends genetic determinants of malaria infection severity and influences pregnancy outcome. <i>EBioMedicine</i> , 2019, 44, 639-655.	2.7	23
21	Alteration of the fecal microbiota in North-Eastern Han Chinese population with sporadic Parkinson's disease. <i>Neuroscience Letters</i> , 2019, 707, 134297.	1.0	73
22	Elucidation of <i>Akkermansia muciniphila</i> Probiotic Traits Driven by Mucin Depletion. <i>Frontiers in Microbiology</i> , 2019, 10, 1137.	1.5	85
23	The Immunomodulatory Properties of Extracellular Vesicles Derived from Probiotics: A Novel Approach for the Management of Gastrointestinal Diseases. <i>Nutrients</i> , 2019, 11, 1038.	1.7	83
24	Leaky gut: mechanisms, measurement and clinical implications in humans. <i>Gut</i> , 2019, 68, 1516-1526.	6.1	556
25	Extracellular Vesicles Derived from <i>Lactobacillus plantarum</i> Increase BDNF Expression in Cultured Hippocampal Neurons and Produce Antidepressant-like Effects in Mice. <i>Experimental Neurobiology</i> , 2019, 28, 158-171.	0.7	78
26	<i>Akkermansia muciniphila</i> is a promising probiotic. <i>Microbial Biotechnology</i> , 2019, 12, 1109-1125.	2.0	447
27	Dysregulation of Intestinal Epithelial Cell RIPK Pathways Promotes Chronic Inflammation in the IBD Gut. <i>Frontiers in Immunology</i> , 2019, 10, 1094.	2.2	52
28	Role of Gut Microbiota in the Pharmacological Effects of Natural Products. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-7.	0.5	23
29	Mining the microbiota for microbial and metabolite-based immunotherapies. <i>Nature Reviews Immunology</i> , 2019, 19, 305-323.	10.6	211
30	Role of melatonin in sleep deprivation-induced intestinal barrier dysfunction in mice. <i>Journal of Pineal Research</i> , 2019, 67, e12574.	3.4	153
31	Which Factors Associated With Activated Eosinophils Contribute to the Pathogenesis of Aspirin-Exacerbated Respiratory Disease?. <i>Allergy, Asthma and Immunology Research</i> , 2019, 11, 320.	1.1	26
32	Chronic paradoxical sleep deprivation-induced depression-like behavior, energy metabolism and microbial changes in rats. <i>Life Sciences</i> , 2019, 225, 88-97.	2.0	84
33	Jatrorrhizine Balances the Gut Microbiota and Reverses Learning and Memory Deficits in APP/PS1 transgenic mice. <i>Scientific Reports</i> , 2019, 9, 19575.	1.6	37
34	Type-2 Diabetics Reduces Spatial Variation of Microbiome Based on Extracellular Vesicles from Gut Microbes across Human Body. <i>Scientific Reports</i> , 2019, 9, 20136.	1.6	20
35	Severe gut microbiota dysbiosis caused by malnourishment can be partly restored during 3% weeks of refeeding with fortified corn-soy-blend in a piglet model of childhood malnutrition. <i>BMC Microbiology</i> , 2019, 19, 277.	1.3	7
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37	Dietary compounds and traditional Chinese medicine ameliorate type 2 diabetes by modulating gut microbiota. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 848-863.	5.4	132
38	Gut microbiota: a potential manipulator for host adipose tissue and energy metabolism. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 206-217.	1.9	46
39	Interleukin-17/interleukin-17 receptor axis elicits intestinal neutrophil migration, restrains gut dysbiosis and lipopolysaccharide translocation in high-fat diet-induced metabolic syndrome model. <i>Immunology</i> , 2019, 156, 339-355.	2.0	52
40	A next generation probiotic, <i>Akkermansia muciniphila</i> . <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 3227-3236.	5.4	244
41	Autologous Exosome Transfer: A New Personalised Treatment Concept to Prevent Colitis in a Murine Model. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 841-855.	0.6	24
42	Intestinal pathophysiological and microbial changes in sickle cell disease: Potential targets for therapeutic intervention. <i>British Journal of Haematology</i> , 2020, 188, 488-493.	1.2	17
43	<i>Akkermansia muciniphila</i> reduces <i>Porphyromonas gingivalis</i> -induced inflammation and periodontal bone destruction. <i>Journal of Clinical Periodontology</i> , 2020, 47, 202-212.	2.3	78
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47	The gut microbiome: an unexpected player in cancer immunity. <i>Current Opinion in Neurobiology</i> , 2020, 62, 48-52.	2.0	23
48	Effect and mechanism of vitamin D on the development of colorectal cancer based on intestinal flora disorder. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020, 35, 1023-1031.	1.4	32
49	Probiotic mixtures with aerobic constituent promoted the recovery of multi-barriers in DSS-induced chronic colitis. <i>Life Sciences</i> , 2020, 240, 117089.	2.0	42
50	Host- and Microbiota-Derived Extracellular Vesicles, Immune Function, and Disease Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 107.	1.8	142
51	Ageing, metabolism and the intestine. <i>EMBO Reports</i> , 2020, 21, e50047.	2.0	92
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57	A Cross-Sectional Study of the Gut Microbiota Composition in Moscow Long-Livers. <i>Microorganisms</i> , 2020, 8, 1162.	1.6	9
58	Pancreatic Macrophages: Critical Players in Obesity-Promoted Pancreatic Cancer. <i>Cancers</i> , 2020, 12, 1946.	1.7	13
59	<p>Intronic Variants in OCT1 are Associated with All-Cause and Cardiovascular Mortality in Metformin Users with Type 2 Diabetes<p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 2069-2080.	1.1	3
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61	Gut dysbiosis in Huntington’s disease: associations among gut microbiota, cognitive performance and clinical outcomes. <i>Brain Communications</i> , 2020, 2, fcaa110.	1.5	98
62	The Russian Doll Model: How Bacteria Shape Successful and Sustainable Inter-Kingdom Relationships. <i>Frontiers in Microbiology</i> , 2020, 11, 573759.	1.5	9
63	Liraglutide modulates gut microbiome and attenuates nonalcoholic fatty liver in db/db mice. <i>Life Sciences</i> , 2020, 261, 118457.	2.0	49
64	Beneficial Effects of Newly Isolated <i>Akkermansia muciniphila</i> Strains from the Human Gut on Obesity and Metabolic Dysregulation. <i>Microorganisms</i> , 2020, 8, 1413.	1.6	43
65	Exercise and intestinal permeability: another form of exercise-induced hormesis?. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G512-G518.	1.6	49
66	Dietary Alaska pollock protein alters insulin sensitivity and gut microbiota composition in rats. <i>Journal of Food Science</i> , 2020, 85, 3628-3637.	1.5	10
67	Efficacy of Sucralfate-Combined Quadruple Therapy on Gastric Mucosal Injury Induced by <i>Helicobacter pylori</i> and Its Effect on Gastrointestinal Flora. <i>BioMed Research International</i> , 2020, 2020, 1-14.	0.9	4
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69	The influence of the gut microbiome on obesity. <i>Journal of the American Association of Nurse Practitioners</i> , 2020, 32, 504-510.	0.5	1
70	Bidirectional interaction between intestinal microbiome and cancer: opportunities for therapeutic interventions. <i>Biomarker Research</i> , 2020, 8, 31.	2.8	31
71	The effect of <i>Faecalibacterium prausnitzii</i> and its extracellular vesicles on the permeability of intestinal epithelial cells and expression of PPARs and ANGPTL4 in the Caco-2 cell culture model. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1061-1069.	0.8	22
72	Influence of <i>Glycyrrhiza glabra</i> Extract on Growth, Gene Expression of Gut Integrity, and <i>Campylobacter jejuni</i> Colonization in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2020, 7, 612063.	0.9	37

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77	Commensal Obligate Anaerobic Bacteria and Health: Production, Storage, and Delivery Strategies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 550.	2.0	40
78	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
79	The Bacterium <i>Akkermansia muciniphila</i> : A Sentinel for Gut Permeability and Its Relevance to HIV-Related Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 645.	2.2	84
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81	Isolation and Characterization of Extracellular Vesicles Secreted In Vitro by Porcine Microbiota. <i>Microorganisms</i> , 2020, 8, 983.	1.6	9
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92	<i>Lonicera caerulea</i> L. Polyphenols Alleviate Oxidative Stress-Induced Intestinal Environment Imbalance and Lipopolysaccharide-Induced Liver Injury in HFD-Fed Rats by Regulating the Nrf2/HO-1/NQO1 and MAPK Pathways. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901315.	1.5	56
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108	A comprehensive systematic review of the effectiveness of <i>Akkermansia muciniphila</i> , a member of the gut microbiome, for the management of obesity and associated metabolic disorders. <i>Archives of Physiology and Biochemistry</i> , 2023, 129, 741-751.	1.0	14

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111	DSS-induced colitis is associated with adipose tissue dysfunction and disrupted hepatic lipid metabolism leading to hepatosteatosis and dyslipidemia in mice. <i>Scientific Reports</i> , 2021, 11, 5283.	1.6	37
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113	Extracellular Vesicles and Their Role in the Spatial and Temporal Expansion of Tumorâ€”Immune Interactions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3374.	1.8	9
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124	Validity and safety of ID-JPL934 in lower gastrointestinal symptom improvement. <i>Scientific Reports</i> , 2021, 11, 13046.	1.6	6
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130	Extracellular vesicles-mediated interaction within intestinal microenvironment in inflammatory bowel disease. <i>Journal of Advanced Research</i> , 2022, 37, 221-233.	4.4	45
131	Leaky Gut: Effect of Dietary Fiber and Fats on Microbiome and Intestinal Barrier. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7613.	1.8	88
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144	Urine Microbial Extracellular Vesicles Can Be Potential and Novel Biomarkers for Allergic Diseases. <i>Allergy, Asthma and Immunology Research</i> , 2021, 13, 5.	1.1	10
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146	Modulation of serotonin signaling/metabolism by <i>Akkermansia muciniphila</i> and its extracellular vesicles through the gut-brain axis in mice. <i>Scientific Reports</i> , 2020, 10, 22119.	1.6	75
148	Does the Gut Microbiota Modulate Host Physiology through Polymicrobial Biofilms?. <i>Microbes and Environments</i> , 2020, 35, n/a.	0.7	13

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151	Gut microbiota and diabetes: From correlation to causality and mechanism. <i>World Journal of Diabetes</i> , 2020, 11, 293-308.	1.3	86
152	Association between Gut Microbiome Composition and Rotavirus Vaccine Response among Nicaraguan Infants. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 213-219.	0.6	35
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