

Audrey M Neyrinck

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6910078/publications.pdf>

Version: 2024-02-01

129
papers

25,848
citations

30070

54
h-index

13771

129
g-index

132
all docs

132
docs citations

132
times ranked

25068
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Endotoxemia Initiates Obesity and Insulin Resistance. <i>Diabetes</i> , 2007, 56, 1761-1772.	0.6	4,964
2	Changes in Gut Microbiota Control Metabolic Endotoxemia-Induced Inflammation in High-Fat Diet-Induced Obesity and Diabetes in Mice. <i>Diabetes</i> , 2008, 57, 1470-1481.	0.6	3,897
3	Changes in gut microbiota control inflammation in obese mice through a mechanism involving GLP-2-driven improvement of gut permeability. <i>Gut</i> , 2009, 58, 1091-1103.	12.1	2,061
4	Prebiotic effects: metabolic and health benefits. <i>British Journal of Nutrition</i> , 2010, 104, S1-S63.	2.3	1,745
5	Selective increases of bifidobacteria in gut microflora improve high-fat-diet-induced diabetes in mice through a mechanism associated with endotoxaemia. <i>Diabetologia</i> , 2007, 50, 2374-2383.	6.3	1,507
6	Responses of Gut Microbiota and Glucose and Lipid Metabolism to Prebiotics in Genetic Obese and Diet-Induced Leptin-Resistant Mice. <i>Diabetes</i> , 2011, 60, 2775-2786.	0.6	881
7	Targeting gut microbiota in obesity: effects of prebiotics and probiotics. <i>Nature Reviews Endocrinology</i> , 2011, 7, 639-646.	9.6	653
8	Intestinal permeability, gut-bacterial dysbiosis, and behavioral markers of alcohol-dependence severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4485-93.	7.1	652
9	Insight into the prebiotic concept: lessons from an exploratory, double blind intervention study with inulin-type fructans in obese women. <i>Gut</i> , 2013, 62, 1112-1121.	12.1	632
10	Gut microbiota fermentation of prebiotics increases satietogenic and incretin gut peptide production with consequences for appetite sensation and glucose response after a meal. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1236-1243.	4.7	615
11	Prebiotic Effects of Wheat Arabinoxylan Related to the Increase in Bifidobacteria, Roseburia and Bacteroides/Prevotella in Diet-Induced Obese Mice. <i>PLoS ONE</i> , 2011, 6, e20944.	2.5	383
12	Oligofructose Promotes Satiety in Rats Fed a High-Fat Diet: Involvement of Glucagon-Like Peptide-1. <i>Obesity</i> , 2005, 13, 1000-1007.	4.0	326
13	Impact of inulin and oligofructose on gastrointestinal peptides. <i>British Journal of Nutrition</i> , 2005, 93, S157-S161.	2.3	248
14	Gut microbiota controls adipose tissue expansion, gut barrier and glucose metabolism: novel insights into molecular targets and interventions using prebiotics. <i>Beneficial Microbes</i> , 2014, 5, 3-17.	2.4	241
15	Gut microbiota-derived propionate reduces cancer cell proliferation in the liver. <i>British Journal of Cancer</i> , 2012, 107, 1337-1344.	6.4	238
16	Inulin-type fructans with prebiotic properties counteract GPR43 overexpression and PPAR β -related adipogenesis in the white adipose tissue of high-fat diet-fed mice. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 712-722.	4.2	237
17	Role of intestinal permeability and inflammation in the biological and behavioral control of alcohol-dependent subjects. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 911-918.	4.1	237
18	Gut microorganisms as promising targets for the management of type 2 diabetes. <i>Diabetologia</i> , 2015, 58, 2206-2217.	6.3	220

#	ARTICLE	IF	CITATIONS
19	Inulin-type fructans modulate intestinal Bifidobacterium species populations and decrease fecal short-chain fatty acids in obese women. <i>Clinical Nutrition</i> , 2015, 34, 501-507.	5.0	220
20	Dietary modulation of clostridial cluster XIVa gut bacteria (<i>Roseburia</i> spp.) by chitin-glucan fiber improves host metabolic alterations induced by high-fat diet in mice. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 51-59.	4.2	215
21	Polyphenol-rich extract of pomegranate peel alleviates tissue inflammation and hypercholesterolaemia in high-fat diet-induced obese mice: potential implication of the gut microbiota. <i>British Journal of Nutrition</i> , 2013, 109, 802-809.	2.3	197
22	Restoring Specific Lactobacilli Levels Decreases Inflammation and Muscle Atrophy Markers in an Acute Leukemia Mouse Model. <i>PLoS ONE</i> , 2012, 7, e37971.	2.5	186
23	Wheat-derived arabinoxylan oligosaccharides with prebiotic effect increase satietogenic gut peptides and reduce metabolic endotoxemia in diet-induced obese mice. <i>Nutrition and Diabetes</i> , 2012, 2, e28-e28.	3.2	184
24	Modulation of the gut microbiota by nutrients with prebiotic properties: consequences for host health in the context of obesity and metabolic syndrome. <i>Microbial Cell Factories</i> , 2011, 10, S10.	4.0	172
25	Modulation of Glucagon-like Peptide 1 and Energy Metabolism by Inulin and Oligofructose: Experimental Data. <i>Journal of Nutrition</i> , 2007, 137, 2547S-2551S.	2.9	163
26	Potential modulation of plasma ghrelin and glucagon-like peptide-1 by anorexigenic cannabinoid compounds, SR141716A (rimonabant) and oleylethanolamide. <i>British Journal of Nutrition</i> , 2004, 92, 757-761.	2.3	154
27	Targeting the gut microbiota with inulin-type fructans: preclinical demonstration of a novel approach in the management of endothelial dysfunction. <i>Gut</i> , 2018, 67, 271-283.	12.1	150
28	Synbiotic approach restores intestinal homeostasis and prolongs survival in leukaemic mice with cachexia. <i>ISME Journal</i> , 2016, 10, 1456-1470.	9.8	149
29	Gut microbiota and metabolic disorders: how prebiotic can work?. <i>British Journal of Nutrition</i> , 2013, 109, S81-S85.	2.3	148
30	Coenzyme Q10 supplementation lowers hepatic oxidative stress and inflammation associated with diet-induced obesity in mice. <i>Biochemical Pharmacology</i> , 2009, 78, 1391-1400.	4.4	145
31	Discovery of the gut microbial signature driving the efficacy of prebiotic intervention in obese patients. <i>Gut</i> , 2020, 69, 1975-1987.	12.1	141
32	Rhubarb extract prevents hepatic inflammation induced by acute alcohol intake, an effect related to the modulation of the gut microbiota. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1500899.	3.3	138
33	The gut microbiota metabolite indole alleviates liver inflammation in mice. <i>FASEB Journal</i> , 2018, 32, 6681-6693.	0.5	137
34	High-fat diet induces depression-like behaviour in mice associated with changes in microbiome, neuropeptide Y, and brain metabolome. <i>Nutritional Neuroscience</i> , 2019, 22, 877-893.	3.1	133
35	Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1683-1695.	4.7	121
36	Physiological effects of dietary fructans extracted from <i>Agave tequilana</i> and <i>Dasyilirion</i> spp.. <i>British Journal of Nutrition</i> , 2008, 99, 254-261.	2.3	119

#	ARTICLE	IF	CITATIONS
37	Non Digestible Oligosaccharides Modulate the Gut Microbiota to Control the Development of Leukemia and Associated Cachexia in Mice. <i>PLoS ONE</i> , 2015, 10, e0131009.	2.5	109
38	Dietary supplementation with laminarin, a fermentable marine Î² (1â€™3) glucan, protects against hepatotoxicity induced by LPS in rat by modulating immune response in the hepatic tissue. <i>International Immunopharmacology</i> , 2007, 7, 1497-1506.	3.8	94
39	Modulation of the Gut Microbiota by Nutrients with Prebiotic and Probiotic Properties. <i>Advances in Nutrition</i> , 2014, 5, 624S-633S.	6.4	92
40	Critical role of Kupffer cells in the management of diet-induced diabetes and obesity. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 351-356.	2.1	91
41	Prebiotic approach alleviates hepatic steatosis: Implication of fatty acid oxidative and cholesterol synthesis pathways. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 347-359.	3.3	90
42	Increased gut permeability in cancer cachexia: mechanisms and clinical relevance. <i>Oncotarget</i> , 2018, 9, 18224-18238.	1.8	90
43	Gut Microbiota-Induced Changes in Î²-Hydroxybutyrate Metabolism Are Linked to Altered Sociability and Depression in Alcohol Use Disorder. <i>Cell Reports</i> , 2020, 33, 108238.	6.4	87
44	Link between gut microbiota and health outcomes in inulin -treated obese patients: Lessons from the Food4Gut multicenter randomized placebo-controlled trial. <i>Clinical Nutrition</i> , 2020, 39, 3618-3628.	5.0	87
45	Contribution of the gut microbiota to the regulation of host metabolism and energy balance: a focus on the gutâ€™liver axis. <i>Proceedings of the Nutrition Society</i> , 2019, 78, 319-328.	1.0	84
46	Changes in Intestinal Bifidobacteria Levels Are Associated with the Inflammatory Response in Magnesium-Deficient Mice. <i>Journal of Nutrition</i> , 2010, 140, 509-514.	2.9	83
47	Hepatic n-3 Polyunsaturated Fatty Acid Depletion Promotes Steatosis and Insulin Resistance in Mice: Genomic Analysis of Cellular Targets. <i>PLoS ONE</i> , 2011, 6, e23365.	2.5	83
48	Dietary supplementation with chitosan derived from mushrooms changes adipocytokine profile in diet-induced obese mice, a phenomenon linked to its lipid-lowering action. <i>International Immunopharmacology</i> , 2009, 9, 767-773.	3.8	78
49	Nutritional interest of dietary fiber and prebiotics in obesity: Lessons from the MyNewGut consortium. <i>Clinical Nutrition</i> , 2020, 39, 414-424.	5.0	77
50	The DPP-4 inhibitor vildagliptin impacts the gut microbiota and prevents disruption of intestinal homeostasis induced by a Western diet in mice. <i>Diabetologia</i> , 2018, 61, 1838-1848.	6.3	76
51	<i>Klebsiella oxytoca</i> expands in cancer cachexia and acts as a gut pathobiont contributing to intestinal dysfunction. <i>Scientific Reports</i> , 2018, 8, 12321.	3.3	71
52	Role of the Lower and Upper Intestine in the Production and Absorption of Gut Microbiota-Derived PUFA Metabolites. <i>PLoS ONE</i> , 2014, 9, e87560.	2.5	67
53	Biomarkers for assessment of intestinal permeability in clinical practice. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, G11-G17.	3.4	65
54	A polyphenolic extract from green tea leaves activates fat browning in high-fat-diet-induced obese mice. <i>Journal of Nutritional Biochemistry</i> , 2017, 49, 15-21.	4.2	64

#	ARTICLE	IF	CITATIONS
55	Gut Microbial Metabolites of Polyunsaturated Fatty Acids Correlate with Specific Fecal Bacteria and Serum Markers of Metabolic Syndrome in Obese Women. <i>Lipids</i> , 2014, 49, 397-402.	1.7	63
56	The Loss of Metabolic Control on Alcohol Drinking in Heavy Drinking Alcohol-Dependent Subjects. <i>PLoS ONE</i> , 2012, 7, e38682.	2.5	58
57	Effect on Components of the Intestinal Microflora and Plasma Neuropeptide Levels of Feeding <i>Lactobacillus delbrueckii</i> , <i>Bifidobacterium lactis</i> , and Inulin to Adult and Elderly Rats. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6533-6538.	3.1	55
58	Fat binding capacity and modulation of the gut microbiota both determine the effect of wheat bran fractions on adiposity. <i>Scientific Reports</i> , 2017, 7, 5621.	3.3	51
59	Potential interest of gut microbial changes induced by non-digestible carbohydrates of wheat in the management of obesity and related disorders. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 722-728.	2.5	50
60	<i>Spirulina</i> Protects against Hepatic Inflammation in Aging: An Effect Related to the Modulation of the Gut Microbiota?. <i>Nutrients</i> , 2017, 9, 633.	4.1	49
61	Ability of the gut microbiota to produce PUFA-derived bacterial metabolites: Proof of concept in germ-free versus conventionalized mice. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1603-1613.	3.3	48
62	Sirtuin inhibition attenuates the production of inflammatory cytokines in lipopolysaccharide-stimulated macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 857-861.	2.1	47
63	The Potential Role of the Dipeptidyl Peptidase-4-Like Activity From the Gut Microbiota on the Host Health. <i>Frontiers in Microbiology</i> , 2018, 9, 1900.	3.5	47
64	Prebiotic dietary fibre intervention improves fecal markers related to inflammation in obese patients: results from the Food4Gut randomized placebo-controlled trial. <i>European Journal of Nutrition</i> , 2021, 60, 3159-3170.	3.9	46
65	<i>Curcuma longa</i> Extract Associated with White Pepper Lessens High Fat Diet-Induced Inflammation in Subcutaneous Adipose Tissue. <i>PLoS ONE</i> , 2013, 8, e81252.	2.5	44
66	Ezetimibe and simvastatin modulate gut microbiota and expression of genes related to cholesterol metabolism. <i>Life Sciences</i> , 2015, 132, 77-84.	4.3	43
67	Hepatic steatosis in n-3 fatty acid depleted mice: focus on metabolic alterations related to tissue fatty acid composition. <i>BMC Physiology</i> , 2008, 8, 21.	3.6	42
68	Implication of fermentable carbohydrates targeting the gut microbiota on conjugated linoleic acid production in high-fat-fed mice. <i>British Journal of Nutrition</i> , 2013, 110, 998-1011.	2.3	40
69	Milk Polar Lipids in a High-Fat Diet Can Prevent Body Weight Gain: Modulated Abundance of Gut Bacteria in Relation with Fecal Loss of Specific Fatty Acids. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801078.	3.3	35
70	Functional Effects of EPS-Producing <i>Bifidobacterium</i> Administration on Energy Metabolic Alterations of Diet-Induced Obese Mice. <i>Frontiers in Microbiology</i> , 2019, 10, 1809.	3.5	35
71	Prebiotic effect on mood in obese patients is determined by the initial gut microbiota composition: A randomized, controlled trial. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 289-298.	4.1	35
72	Characterization of fructans and dietary fibre profiles in raw and steamed vegetables. <i>International Journal of Food Sciences and Nutrition</i> , 2018, 69, 682-689.	2.8	33

#	ARTICLE	IF	CITATIONS
73	Metabolite profiling reveals the interaction of chitin-glucan with the gut microbiota. <i>Gut Microbes</i> , 2020, 12, 1810530.	9.8	31
74	Multi-compartment metabolomics and metagenomics reveal major hepatic and intestinal disturbances in cancer cachectic mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 456-475.	7.3	30
75	Specific gut microbial, biological, and psychiatric profiling related to binge eating disorders: A cross-sectional study in obese patients. <i>Clinical Nutrition</i> , 2021, 40, 2035-2044.	5.0	30
76	Modulation of paracetamol metabolism by Kupffer cells: A study on rat liver slices. <i>Life Sciences</i> , 1999, 65, 2851-2859.	4.3	29
77	Towards microbiome-informed dietary recommendations for promoting metabolic and mental health: Opinion papers of the MyNewGut project. <i>Clinical Nutrition</i> , 2018, 37, 2191-2197.	5.0	29
78	Microbiota analysis and transient elastography reveal new extra-hepatic components of liver steatosis and fibrosis in obese patients. <i>Scientific Reports</i> , 2021, 11, 659.	3.3	29
79	Wheat-derived arabinoxylan oligosaccharides with bifidogenic properties abolishes metabolic disorders induced by western diet in mice. <i>Nutrition and Diabetes</i> , 2018, 8, 15.	3.2	28
80	Microbiota and nonalcoholic fatty liver disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2019, 22, 393-400.	2.5	28
81	Microbiome response to diet: focus on obesity and related diseases. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 369-380.	5.7	28
82	Immunomodulatory properties of two wheat bran fractions "aleurone-enriched and crude fractions" in obese mice fed a high fat diet. <i>International Immunopharmacology</i> , 2008, 8, 1423-1432.	3.8	27
83	Lipid peroxidation is not a prerequisite for the development of obesity and diabetes in high-fat-fed mice. <i>British Journal of Nutrition</i> , 2009, 102, 462-469.	2.3	27
84	Intestinal Sucrase as a Novel Target Contributing to the Regulation of Glycemia by Prebiotics. <i>PLoS ONE</i> , 2016, 11, e0160488.	2.5	27
85	Hepatoprotective Effects of Indole, a Gut Microbial Metabolite, in Leptin-Deficient Obese Mice. <i>Journal of Nutrition</i> , 2021, 151, 1507-1516.	2.9	27
86	Microbiome and metabolic disorders related to obesity: Which lessons to learn from experimental models?. <i>Trends in Food Science and Technology</i> , 2016, 57, 256-264.	15.1	26
87	Prebiotics: actual and potential effects in inflammatory and malignant colonic diseases. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2003, 6, 581-586.	2.5	25
88	Chitin-glucan and pomegranate polyphenols improve endothelial dysfunction. <i>Scientific Reports</i> , 2019, 9, 14150.	3.3	25
89	Kupffer Cell Activity Is Involved in the Hepatoprotective Effect of Dietary Oligofructose in Rats with Endotoxic Shock. <i>Journal of Nutrition</i> , 2004, 134, 1124-1129.	2.9	24
90	Particle size determines the anti-inflammatory effect of wheat bran in a model of fructose over-consumption: Implication of the gut microbiota. <i>Journal of Functional Foods</i> , 2018, 41, 155-162.	3.4	24

#	ARTICLE	IF	CITATIONS
91	Inulin Improves Postprandial Hypertriglyceridemia by Modulating Gene Expression in the Small Intestine. <i>Nutrients</i> , 2018, 10, 532.	4.1	24
92	A dynamic association between myosteatosis and liver stiffness: Results from a prospective interventional study in obese patients. <i>JHEP Reports</i> , 2021, 3, 100323.	4.9	24
93	Inflammation-induced cholestasis in cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 70-90.	7.3	24
94	Inhibition of Kupffer cell activity induces hepatic triglyceride synthesis in fasted rats, independent of lipopolysaccharide challenge. <i>Journal of Hepatology</i> , 2002, 36, 466-473.	3.7	23
95	Prebiotic Effect of Berberine and Curcumin Is Associated with the Improvement of Obesity in Mice. <i>Nutrients</i> , 2021, 13, 1436.	4.1	22
96	Physical activity enhances the improvement of body mass index and metabolism by inulin: a multicenter randomized placebo-controlled trial performed in obese individuals. <i>BMC Medicine</i> , 2022, 20, 110.	5.5	21
97	Improvement of gastrointestinal discomfort and inflammatory status by a synbiotic in middle-aged adults: a double-blind randomized placebo-controlled trial. <i>Scientific Reports</i> , 2021, 11, 2627.	3.3	18
98	Role of apoptotic signaling pathway in metabolic disturbances occurring in liver tissue after cryopreservation: Study on rat precision-cut liver slices. <i>Life Sciences</i> , 2006, 78, 1570-1577.	4.3	17
99	A Preventive Prebiotic Supplementation Improves the Sweet Taste Perception in Diet-Induced Obese Mice. <i>Nutrients</i> , 2019, 11, 549.	4.1	17
100	Precision-cut liver slices in culture as a tool to assess the physiological involvement of Kupffer cells in hepatic metabolism. <i>Comparative Hepatology</i> , 2004, 3, S45.	0.9	16
101	Kupffer cell-derived prostaglandin E2 is involved in regulation of lipid synthesis in rat liver tissue. <i>Cell Biochemistry and Function</i> , 2004, 22, 327-332.	2.9	15
102	Involvement of gut microbial fermentation in the metabolic alterations occurring in n-3 polyunsaturated fatty acids-depleted mice. <i>Nutrition and Metabolism</i> , 2011, 8, 44.	3.0	15
103	The Janus Face of Cereals: Wheat-Derived Prebiotics Counteract the Detrimental Effect of Gluten on Metabolic Homeostasis in Mice Fed a High-Fat/High-Sucrose Diet. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900632.	3.3	15
104	Restoring an adequate dietary fiber intake by inulin supplementation: a pilot study showing an impact on gut microbiota and sociability in alcohol use disorder patients. <i>Gut Microbes</i> , 2022, 14, 2007042.	9.8	15
105	Nicotinamide enhances apoptosis of G(M)-CSF-treated neutrophils and attenuates endotoxin-induced airway inflammation in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 300, L354-L361.	2.9	14
106	Insight into the involvement of Kupffer cell-derived mediators in the hepatoprotective effect of glycine upon inflammation: study on rat precision-cut liver slices. <i>Inflammation Research</i> , 2005, 54, 106-112.	4.0	12
107	Ffar2 expression regulates leukaemic cell growth in vivo. <i>British Journal of Cancer</i> , 2017, 117, 1336-1340.	6.4	12
108	Dietary fiber deficiency as a component of malnutrition associated with psychological alterations in alcohol use disorder. <i>Clinical Nutrition</i> , 2021, 40, 2673-2682.	5.0	11

#	ARTICLE	IF	CITATIONS
109	Positive interaction between prebiotics and thiazolidinedione treatment on adiposity in diet-induced obese mice. <i>Obesity</i> , 2014, 22, 1653-1661.	3.0	9
110	Development of a Repertoire and a Food Frequency Questionnaire for Estimating Dietary Fiber Intake Considering Prebiotics: Input from the FiberTAG Project. <i>Nutrients</i> , 2020, 12, 2824.	4.1	8
111	Noninvasive monitoring of fibre fermentation in healthy volunteers by analyzing breath volatile metabolites: lessons from the FiberTAG intervention study. <i>Cut Microbes</i> , 2021, 13, 1-16.	9.8	8
112	Implication of trans-11,trans-13 conjugated linoleic acid in the development of hepatic steatosis. <i>PLoS ONE</i> , 2018, 13, e0192447.	2.5	8
113	Are Kupffer cells involved in the metabolic adaptation of the liver to dietary carbohydrates given after fasting?. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000, 1475, 238-244.	2.4	7
114	Efficacy of advanced pace-mapping technology for idiopathic premature ventricular complexes ablation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2018, 51, 271-277.	1.3	7
115	Prebiotics and Lipid Metabolism. , 0, , 183-192.		7
116	Commentary on: prebiotic effects: metabolic and health benefits. <i>British Journal of Nutrition</i> , 2022, 127, 554-555.	2.3	7
117	Liver alterations are not improved by inulin supplementation in alcohol use disorder patients during alcohol withdrawal: A pilot randomized, double-blind, placebo-controlled study. <i>EBioMedicine</i> , 2022, 80, 104033.	6.1	7
118	Breath volatile metabolome reveals the impact of dietary fibres on the gut microbiota: Proof of concept in healthy volunteers. <i>EBioMedicine</i> , 2022, 80, 104051.	6.1	7
119	Assessment of liver phagocytic activity using EPR spectrometry and imaging. <i>Magnetic Resonance Imaging</i> , 2009, 27, 565-569.	1.8	6
120	Microbiota and Metabolite Profiling as Markers of Mood Disorders: A Cross-Sectional Study in Obese Patients. <i>Nutrients</i> , 2022, 14, 147.	4.1	6
121	Chitin-glucan supplementation improved postprandial metabolism and altered gut microbiota in subjects at cardiometabolic risk in a randomized trial. <i>Scientific Reports</i> , 2022, 12, .	3.3	6
122	Lack of anti-inflammatory effect of coenzyme Q10 supplementation in the liver of rodents after lipopolysaccharide challenge. <i>Clinical Nutrition Experimental</i> , 2015, 1, 10-18.	2.0	4
123	Nutritional depletion in $n-3$ PUFA in apoE knockout mice: A new model of endothelial dysfunction associated with fatty liver disease. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2198-2207.	3.3	4
124	<i>In vitro</i> approach to evaluate the fermentation pattern of inulin-rich food in obese individuals. <i>British Journal of Nutrition</i> , 2020, 123, 472-479.	2.3	3
125	Response to "Comment on: Dietary supplementation with laminarin, a fermentable marine β (1-3) glucan, protects against hepatotoxicity induced by LPS in rat by modulating immune response in the hepatic tissue". <i>International Immunopharmacology</i> , 2008, 8, 516-517.	3.8	2
126	Influence of the Mediterranean diet on the production of short-chain fatty acids in women at risk for breast cancer (LIBRE). <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	1.0	2

#	ARTICLE	IF	CITATIONS
127	Prebiotics supplementation improves the endothelial dysfunction in n-3 PUFA-depleted ApoE ^{-/-} mice. Archives of Public Health, 2014, 72, O5.	2.4	1
128	Breath volatile compounds and conjugated polyunsaturated fatty acids as metabolic biomarkers reflecting the interaction between chitin-glucan and the gut microbiota.. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0
129	Chitin-Glucan Supplementation Altered Gut Microbiota and Improved Postprandial Metabolism in Subjects at Cardiometabolic Risk. Current Developments in Nutrition, 2022, 6, 331.	0.3	0