

Audrey M Neyrinck

List of Publications by Citations

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127
papers

19,976
citations

50
h-index

132
g-index

132
ext. papers

23,197
ext. citations

5.8
avg, IF

6.35
L-index

#	Paper	IF	Citations
127	Metabolic endotoxemia initiates obesity and insulin resistance. <i>Diabetes</i> , 2007 , 56, 1761-72	0.9	3888
126	Changes in gut microbiota control metabolic endotoxemia-induced inflammation in high-fat diet-induced obesity and diabetes in mice. <i>Diabetes</i> , 2008 , 57, 1470-81	0.9	3072
125	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, 1091-103	19.2	1643
124	Prebiotic effects: metabolic and health benefits. <i>British Journal of Nutrition</i> , 2010 , 104 Suppl 2, S1-63	3.6	1440
123	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, 2374-83	10.3	1248
122	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, 2775-86	0.9	701
121	Targeting gut microbiota in obesity: effects of prebiotics and probiotics. <i>Nature Reviews Endocrinology</i> , 2011 , 7, 639-46	15.2	540
120	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, 1112-21	19.2	517
119	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, 1236-43	7	502
118	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	11.5	455
117	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	3.7	317
116	Oligofructose promotes satiety in rats fed a high-fat diet: involvement of glucagon-like Peptide-1. <i>Obesity</i> , 2005 , 13, 1000-7		275
115	Impact of inulin and oligofructose on gastrointestinal peptides. <i>British Journal of Nutrition</i> , 2005 , 93 Suppl 1, S157-61	3.6	216
114	Inulin-type fructans with prebiotic properties counteract GPR43 overexpression and PPAR α -related adipogenesis in the white adipose tissue of high-fat diet-fed mice. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 712-22	6.3	204
113	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	4.9	193
112	Role of intestinal permeability and inflammation in the biological and behavioral control of alcohol-dependent subjects. <i>Brain, Behavior, and Immunity</i> , 2012 , 26, 911-8	16.6	186
111	Dietary modulation of clostridial cluster XIVa gut bacteria (Roseburia spp.) by chitin-glucan fiber improves host metabolic alterations induced by high-fat diet in mice. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 51-9	6.3	185

110	Gut microbiota-derived propionate reduces cancer cell proliferation in the liver. <i>British Journal of Cancer</i> , 2012 , 107, 1337-44	8.7	181
109	Gut microorganisms as promising targets for the management of type 2 diabetes. <i>Diabetologia</i> , 2015 , 58, 2206-17	10.3	169
108	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, 802-9	3.6	167
107	Inulin-type fructans modulate intestinal Bifidobacterium species populations and decrease fecal short-chain fatty acids in obese women. <i>Clinical Nutrition</i> , 2015 , 34, 501-7	5.9	162
106	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	4.7	157
105	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 Suppl 1, S10	6.4	142
104	Modulation of glucagon-like peptide 1 and energy metabolism by inulin and oligofructose: experimental data. <i>Journal of Nutrition</i> , 2007 , 137, 2547S-2551S	4.1	137
103	Restoring specific lactobacilli levels decreases inflammation and muscle atrophy markers in an acute leukemia mouse model. <i>PLoS ONE</i> , 2012 , 7, e37971	3.7	127
102	Potential modulation of plasma ghrelin and glucagon-like peptide-1 by anorexigenic cannabinoid compounds, SR141716A (rimonabant) and oleoylethanolamide. <i>British Journal of Nutrition</i> , 2004 , 92, 757-61	3.6	126
101	Coenzyme Q10 supplementation lowers hepatic oxidative stress and inflammation associated with diet-induced obesity in mice. <i>Biochemical Pharmacology</i> , 2009 , 78, 1391-400	6	117
100	Gut microbiota and metabolic disorders: How prebiotic can work?. <i>British Journal of Nutrition</i> , 2013 , 109 Suppl 2, S81-5	3.6	114
99	Physiological effects of dietary fructans extracted from Agave tequilana Gto. and Dasyilirion spp. <i>British Journal of Nutrition</i> , 2008 , 99, 254-61	3.6	108
98	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	19.2	100
97	Synbiotic approach restores intestinal homeostasis and prolongs survival in leukaemic mice with cachexia. <i>ISME Journal</i> , 2016 , 10, 1456-70	11.9	100
96	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	5.9	96
95	The gut microbiota metabolite indole alleviates liver inflammation in mice. <i>FASEB Journal</i> , 2018 , 32, fj201800544	10.9	84
94	Critical role of Kupffer cells in the management of diet-induced diabetes and obesity. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 385, 351-6	3.4	77
93	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	3.7	77

92	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	3.6	77
91	Prebiotic approach alleviates hepatic steatosis: implication of fatty acid oxidative and cholesterol synthesis pathways. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 347-59	5.9	76
90	Dietary supplementation with laminarin, a fermentable marine beta (1-3) glucan, protects against hepatotoxicity induced by LPS in rat by modulating immune response in the hepatic tissue. <i>International Immunopharmacology</i> , 2007 , 7, 1497-506	5.8	74
89	Modulation of the gut microbiota by nutrients with prebiotic and probiotic properties. <i>Advances in Nutrition</i> , 2014 , 5, 624S-633S	10	68
88	Discovery of the gut microbial signature driving the efficacy of prebiotic intervention in obese patients. <i>Gut</i> , 2020 , 69, 1975-1987	19.2	67
87	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, 767-73	5.8	67
86	Changes in intestinal bifidobacteria levels are associated with the inflammatory response in magnesium-deficient mice. <i>Journal of Nutrition</i> , 2010 , 140, 509-14	4.1	62
85	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	3.7	61
84	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	7	60
83	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	3.7	53
82	The loss of metabolic control on alcohol drinking in heavy drinking alcohol-dependent subjects. <i>PLoS ONE</i> , 2012 , 7, e38682	3.7	52
81	Nutritional interest of dietary fiber and prebiotics in obesity: Lessons from the MyNewGut consortium. <i>Clinical Nutrition</i> , 2020 , 39, 414-424	5.9	51
80	Klebsiella oxytoca expands in cancer cachexia and acts as a gut pathobiont contributing to intestinal dysfunction. <i>Scientific Reports</i> , 2018 , 8, 12321	4.9	50
79	Increased gut permeability in cancer cachexia: mechanisms and clinical relevance. <i>Oncotarget</i> , 2018 , 9, 18224-18238	3.3	50
78	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	6.3	50
77	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, 722-8	3.8	49
76	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, 6533-8	4.8	49
75	Contribution of the gut microbiota to the regulation of host metabolism and energy balance: a focus on the gut-liver axis. <i>Proceedings of the Nutrition Society</i> , 2019 , 78, 319-328	2.9	44

74	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, 1603-13	5.9	41
73	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	1.6	41
72	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	10.3	41
71	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	0	39
70	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	5.9	37
69	Sirtuin inhibition attenuates the production of inflammatory cytokines in lipopolysaccharide-stimulated macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 420, 857-61	3.4	36
68	Curcuma longa extract associated with white pepper lessens high fat diet-induced inflammation in subcutaneous adipose tissue. <i>PLoS ONE</i> , 2013 , 8, e81252	3.7	36
67	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	4.9	33
66	Spirulina Protects against Hepatic Inflammation in Aging: An Effect Related to the Modulation of the Gut Microbiota?. <i>Nutrients</i> , 2017 , 9,	6.7	33
65	Ezetimibe and simvastatin modulate gut microbiota and expression of genes related to cholesterol metabolism. <i>Life Sciences</i> , 2015 , 132, 77-84	6.8	32
64	Gut Microbiota-Induced Changes in β -Hydroxybutyrate Metabolism Are Linked to Altered Sociability and Depression in Alcohol Use Disorder. <i>Cell Reports</i> , 2020 , 33, 108238	10.6	32
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	5.7	29
62	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	3.6	29
61	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	5.9	24
60	Modulation of paracetamol metabolism by Kupffer cells: a study on rat liver slices. <i>Life Sciences</i> , 1999 , 65, 2851-9	6.8	24
59	Wheat-derived arabinoxylan oligosaccharides with bifidogenic properties abolishes metabolic disorders induced by western diet in mice. <i>Nutrition and Diabetes</i> , 2018 , 8, 15	4.7	22
58	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, 462-9	3.6	22
57	Prebiotics: actual and potential effects in inflammatory and malignant colonic diseases. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2003 , 6, 581-6	3.8	22

56	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	3.7	21
55	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, 1423-32	5.8	21
54	Kupffer cell activity is involved in the hepatoprotective effect of dietary oligofructose in rats with endotoxic shock. <i>Journal of Nutrition</i> , 2004 , 134, 1124-9	4.1	21
53	Inhibition of Kupffer cell activity induces hepatic triglyceride synthesis in fasted rats, independent of lipopolysaccharide challenge. <i>Journal of Hepatology</i> , 2002 , 36, 466-73	13.4	21
52	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	5.9	20
51	Intestinal Sucrase as a Novel Target Contributing to the Regulation of Glycemia by Prebiotics. <i>PLoS ONE</i> , 2016 , 11, e0160488	3.7	20
50	Functional Effects of EPS-Producing Administration on Energy Metabolic Alterations of Diet-Induced Obese Mice. <i>Frontiers in Microbiology</i> , 2019 , 10, 1809	5.7	19
49	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	5.1	19
48	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	15.3	19
47	Microbiota and nonalcoholic fatty liver disease: promising prospects for clinical interventions?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2019 , 22, 393-400	3.8	19
46	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, 1570-7	6.8	17
45	Microbiome response to diet: focus on obesity and related diseases. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020 , 21, 369-380	10.5	17
44	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	4.6	15
43	Chitin-glucan and pomegranate polyphenols improve endothelial dysfunction. <i>Scientific Reports</i> , 2019 , 9, 14150	4.9	14
42	Inulin Improves Postprandial Hypertriglyceridemia by Modulating Gene Expression in the Small Intestine. <i>Nutrients</i> , 2018 , 10,	6.7	14
41	Kupffer cell-derived prostaglandin E2 is involved in regulation of lipid synthesis in rat liver tissue. <i>Cell Biochemistry and Function</i> , 2004 , 22, 327-32	4.2	14
40	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 Suppl 1, S45		12
39	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	7.2	12

38	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	10.3	12
37	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	16.6	11
36	Biomarkers for assessment of intestinal permeability in clinical practice. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 321, G11-G17	5.1	11
35	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	5.9	10
34	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, L354-61	5.8	10
33	A Preventive Prebiotic Supplementation Improves the Sweet Taste Perception in Diet-Induced Obese Mice. <i>Nutrients</i> , 2019 , 11,	6.7	9
32	Metabolite profiling reveals the interaction of chitin-glucan with the gut microbiota. <i>Gut Microbes</i> , 2020 , 12, 1810530	8.8	9
31	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	5.2	9
30	Positive interaction between prebiotics and thiazolidinedione treatment on adiposity in diet-induced obese mice. <i>Obesity</i> , 2014 , 22, 1653-61	8	8
29	Ffar2 expression regulates leukaemic cell growth in vivo. <i>British Journal of Cancer</i> , 2017 , 117, 1336-1340.7		8
28	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	4.9	8
27	Hepatoprotective Effects of Indole, a Gut Microbial Metabolite, in Leptin-Deficient Obese Mice. <i>Journal of Nutrition</i> , 2021 , 151, 1507-1516	4.1	8
26	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, 238-44	4	7
25	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	4.9	7
24	Inflammation-induced cholestasis in cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 , 12, 70-90	10.3	7
23	Efficacy of advanced pace-mapping technology for idiopathic premature ventricular complexes ablation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2018 , 51, 271-277	2.4	6
22	Assessment of liver phagocytic activity using EPR spectrometry and imaging. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 565-9	3.3	6
21	Prebiotics and Lipid Metabolism183-192		6

20	Implication of trans-11,trans-13 conjugated linoleic acid in the development of hepatic steatosis. <i>PLoS ONE</i> , 2018 , 13, e0192447	3.7	5
19	Prebiotic Effect of Berberine and Curcumin Is Associated with the Improvement of Obesity in Mice. <i>Nutrients</i> , 2021 , 13,	6.7	5
18	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	5.9	5
17	A dynamic association between myosteatosis and liver stiffness: Results from a prospective interventional study in obese patients. <i>JHEP Reports</i> , 2021 , 3, 100323	10.3	4
16	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,	6.7	3
15	Nutritional depletion in n-3 PUFA in apoE knock-out mice: A new model of endothelial dysfunction associated with fatty liver disease. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2198-2207	5.9	3
14	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	8.8	3
13	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,	2.9	2
12	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	2
11	Response to "Comment on: Dietary supplementation with laminarin, a fermentable marine [(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	5.8	2
10	Commentary on : Prebiotic effects: metabolic and health benefits. <i>British Journal of Nutrition</i> , 2021 , 1-7	3.6	2
9	approach to evaluate the fermentation pattern of inulin-rich food in obese individuals. <i>British Journal of Nutrition</i> , 2020 , 123, 472-479	3.6	2
8	Dietary fiber deficiency as a component of malnutrition associated with psychological alterations in alcohol use disorder. <i>Clinical Nutrition</i> , 2021 , 40, 2673-2682	5.9	2
7	Noninvasive monitoring of fibre fermentation in healthy volunteers by analyzing breath volatile metabolites: lessons from the FiberTAG intervention study. <i>Gut Microbes</i> , 2021 , 13, 1-16	8.8	2
6	Prebiotics supplementation improves the endothelial dysfunction in n-3 PUFA-depleted ApoE-/- mice. <i>Archives of Public Health</i> , 2014 , 72, 05	2.6	1
5	Implication du microbiote intestinal dans l'obésité et les pathologies associées : quelles perspectives thérapeutiques et nutritionnelles ?. <i>Obesite</i> , 2012 , 7, 234-239	0.1	1
4	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	11.4	1
3	Microbiota and Metabolite Profiling as Markers of Mood Disorders: A Cross-Sectional Study in Obese Patients.. <i>Nutrients</i> , 2021 , 14,	6.7	1

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| 2 | 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 | 8.8 | 1 |
| 1 | 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 | 8.8 | 1 |