Matthias Van Hul

List of Publications by Year
in descending order

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55 papers	7,114 citations	159358 30 h-index	168136 53 g-index
55 all docs	55 docs citations	55 times ranked	9152 citing authors

#	Article	IF	Citations
1	Dysosmobacter welbionis is a newly isolated human commensal bacterium preventing diet-induced obesity and metabolic disorders in mice. Gut, 2022, 71, 534-543.	6.1	95
2	Exploring the endocannabinoidome in genetically obese (ob/ob) and diabetic (db/db) mice: Links with inflammation and gut microbiota. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159056.	1.2	12
3	Gut microbiome and health: mechanistic insights. Gut, 2022, 71, 1020-1032.	6.1	661
4	Toxicological safety evaluation of pasteurized Akkermansia muciniphila. Journal of Applied Toxicology, 2021, 41, 276-290.	1.4	30
5	Bacteria-derived long chain fatty acid exhibits anti-inflammatory properties in colitis. Gut, 2021, 70, 1088-1097.	6.1	105
6	Gut microbes participate in food preference alterations during obesity. Gut Microbes, 2021, 13, 1959242.	4.3	35
7	Do diet and microbes really â€˜PREDICTâ€™ cardiometabolic risks?. Nature Reviews Endocrinology, 2021, 17, 259-260.	4.3	7
8	Gut microbiome, endocrine control of gut barrier function and metabolic diseases. Journal of Endocrinology, 2021, 248, R67-R82.	1.2	85
9	Gut Microbiota and Host Metabolism: From Proof of Concept to Therapeutic Intervention. Microorganisms, 2021, 9, 1302.	1.6	46
10	Novel insights into the genetically obese (ob/ob) and diabetic (db/db) mice: two sides of the same coin. Microbiome, 2021, 9, 147.	4.9	92
11	Gut microbiome, endocrine control of gut barrier function and metabolic diseases. Journal of Endocrinology, 2021, 250, X1.	1.2	0
12	Rhubarb Supplementation Prevents Diet-Induced Obesity and Diabetes in Association with Increased Akkermansia muciniphila in Mice. Nutrients, 2020, 12, 2932.	1.7	45
13	Obesity and tripleâ€negativeâ€breastâ€cancer: Is apelin a new key target?. Journal of Cellular and Molecular Medicine, 2020, 24, 10233-10244.	1.6	16
14	Intestinal NAPE-PLD contributes to short-term regulation of food intake via gut-to-brain axis. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E647-E657.	1.8	14
15	Acetate: Friend or foe against breast tumour growth in the context of obesity?. Journal of Cellular and Molecular Medicine, 2020, 24, 14195-14204.	1.6	4
16	Comparison of the effects of soluble corn fiber and fructooligosaccharides on metabolism, inflammation, and gut microbiome of high-fat diet-fed mice. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E779-E791.	1.8	19
17	Novel strategy for oral peptide delivery in incretin-based diabetes treatment. Gut, 2020, 69, 911-919.	6.1	41
18	Hepatic NAPE-PLD Is a Key Regulator of Liver Lipid Metabolism. Cells, 2020, 9, 1247.	1.8	17

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19	Gut microbiota and regulation of myokine-adipokine function. Current Opinion in Pharmacology, 2020, 52, 9-17.	1.7	29
20	The colonoscopic leakage model: a new model to study the intestinal wound healing at molecular level. Gut, 2020, 69, 2071-2073.	6.1	1
21	Microbial signatures in metabolic tissues: a novel paradigm for obesity and diabetes?. Nature Metabolism, 2020, 2, 211-212.	5.1	11
22	Mediterranean diet, gut microbiota and health: when age and calories do not add up!. Gut, 2020, 69, 1167-1168.	6.1	35
23	Pasteurized Akkermansia muciniphila increases whole-body energy expenditure and fecal energy excretion in diet-induced obese mice. Gut Microbes, 2020, 11, 1231-1245.	4.3	134
24	La prÃ©paration colique en chirurgie colorectale. Praticien En Anesthesie Reanimation, 2020, 24, 35-40.	0.0	0
25	Gut microbiota and obesity: causally linked?. Expert Review of Gastroenterology and Hepatology, 2020, 14, 401-403.	1.4	19
26	From correlation to causality: the case of Subdoligranulum. Gut Microbes, 2020, 12, 1849998.	4.3	192
27	Supplementation with Akkermansia muciniphila in overweight and obese human volunteers: a proof-of-concept exploratory study. Nature Medicine, 2019, 25, 1096-1103.	15.2	1,281
28	Activation of Skeletal Stem and Progenitor Cells for Bone Regeneration Is Driven by PDGFRÎ² Signaling. Developmental Cell, 2019, 51, 236-254.e12.	3.1	64
29	Intestinal epithelial N-acylphosphatidylethanolamine phospholipase D links dietary fat to metabolic adaptations in obesity and steatosis. Nature Communications, 2019, 10, 457.	5.8	100
30	Targeting Carbohydrates and Polyphenols for a Healthy Microbiome and Healthy Weight. Current Nutrition Reports, 2019, 8, 307-316.	2.1	50
31	Hepatic MyD88 regulates liver inflammation by altering synthesis of oxysterols. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E99-E108.	1.8	15
32	Microbial regulation of organismal energy homeostasis. Nature Metabolism, 2019, 1, 34-46.	5.1	354
33	Reduced obesity, diabetes, and steatosis upon cinnamon and grape pomace are associated with changes in gut microbiota and markers of gut barrier. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E334-E352.	1.8	119
34	Increased gut permeability in cancer cachexia: mechanisms and clinical relevance. Oncotarget, 2018, 9, 18224-18238.	0.8	90
35	Rhubarb extract prevents hepatic inflammation induced by acute alcohol intake, an effect related to the modulation of the gut microbiota. Molecular Nutrition and Food Research, 2017, 61, 1500899.	1.5	138
36	Hepatocyte MyD88 affects bile acids, gut microbiota and metabolome contributing to regulate glucose and lipid metabolism. Gut, 2017, 66, 620-632.	6.1	125

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37	Combined endogenous MR biomarkers to predict basal tumor oxygenation and response to hyperoxic challenge. NMR in Biomedicine, 2017, 30, e3836.	1.6	13
38	A polyphenolic extract from green tea leaves activates fat browning in high-fat-diet-induced obese mice. Journal of Nutritional Biochemistry, 2017, 49, 15-21.	1.9	64
39	A purified membrane protein from Akkermansia muciniphila or the pasteurized bacterium improves metabolism in obese and diabetic mice. Nature Medicine, 2017, 23, 107-113.	15.2	1,451
40	Nutritional depletion in nâ€3 PUFA in apoE knockâ€out mice: A new model of endothelial dysfunction associated with fatty liver disease. Molecular Nutrition and Food Research, 2016, 60, 2198-2207.	1.5	4
41	Endocannabinoids â€" at the crossroads between the gut microbiota and host metabolism. Nature Reviews Endocrinology, 2016, 12, 133-143.	4.3	275
42	Gelatinase A (MMP-2) promotes murine adipogenesis. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1449-1456.	1.1	39
43	Adipose tissue NAPE-PLD controls fat mass development by altering the browning process and gut microbiota. Nature Communications, 2015, 6, 6495.	5.8	144
44	Novel opportunities for next-generation probiotics targeting metabolic syndrome. Current Opinion in Biotechnology, 2015, 32, 21-27.	3.3	127
45	Intestinal epithelial MyD88 is a sensor switching host metabolism towards obesity according to nutritional status. Nature Communications, 2014, 5, 5648.	5.8	197
46	Osteoblast recruitment to sites of bone formation in skeletal development, homeostasis, and regeneration. Birth Defects Research Part C: Embryo Today Reviews, 2013, 99, 170-191.	3.6	154
47	Differential effects of a gelatinase inhibitor on adipocyte differentiation and adipose tissue development. Clinical and Experimental Pharmacology and Physiology, 2013, 40, n/a-n/a.	0.9	10
48	Caloric restriction improves coagulation and inflammation profile in obese mice. Thrombosis Research, 2012, 129, 74-79.	0.8	29
49	CD36 promotes adipocyte differentiation and adipogenesis. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 949-956.	1.1	82
50	Role of Thrombospondinâ€2 in Murine Adipose Tissue Angiogenesis and Development. Obesity, 2012, 20, 1757-1762.	1.5	16
51	Matrix metalloproteinase inhibition affects adipose tissue mass in obese mice. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 544-550.	0.9	9
52	Matrix metalloproteinase inhibition impairs murine adipose tissue development independently of leptin. Endocrine Journal, 2011, 58, 101-107.	0.7	30
53	Effect of weight loss on gelatinase levels in obese mice. Clinical and Experimental Pharmacology and Physiology, 2011, 38, 647-649.	0.9	9
54	Gelatinase B (MMP-9) deficiency does not affect murine adipose tissue development. Thrombosis and Haemostasis, 2010, 104, 165-171.	1.8	29

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55	MFN2 mutation distribution and genotype/phenotype correlation in Charcot-Marie-Tooth type 2. Brain, 2006, 129, 2093-2102.	3.7	351