

Steven Aalvink

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,461
citations

394421

19
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

5285
citing authors

#	ARTICLE	IF	CITATIONS
1	Inter-species Metabolic Interactions in an In-vitro Minimal Human Gut Microbiome of Core Bacteria. Npj Biofilms and Microbiomes, 2022, 8, 21.	6.4	26
2	Production of inactivated gram-positive and gram-negative species with preserved cellular morphology and integrity. Journal of Microbiological Methods, 2021, 184, 106208.	1.6	12
3	A Continuous Battle for Host-Derived Glycans Between a Mucus Specialist and a Glycan Generalist in vitro and in vivo. Frontiers in Microbiology, 2021, 12, 632454.	3.5	15
4	Selection and characterization of a SpaCBA pilus-secreting food-grade derivative of Lacticaseibacillus rhamnosus GG. Applied Microbiology and Biotechnology, 2021, 105, 1123-1131.	3.6	4
5	Duodenal <i>Anaerobutyricum soehngenii</i> infusion stimulates GLP-1 production, ameliorates glycaemic control and beneficially shapes the duodenal transcriptome in metabolic syndrome subjects: a randomised double-blind placebo-controlled cross-over study. Gut, 2021, , gutjnl-2020-323297.	12.1	16
6	Genomic convergence between <i>Akkermansia muciniphila</i> in different mammalian hosts. BMC Microbiology, 2021, 21, 298.	3.3	10
7	<i>Bacteroides thetaiotaomicron</i> Fosters the Growth of Butyrate-Producing <i>Anaerostipes caccae</i> in the Presence of Lactose and Total Human Milk Carbohydrates. Microorganisms, 2020, 8, 1513.	3.6	26
8	<i>Akkermansia muciniphila</i> uses human milk oligosaccharides to thrive in the early life conditions in vitro. Scientific Reports, 2020, 10, 14330.	3.3	96
9	Growth rate alterations of human colorectal cancer cells by 157 gut bacteria. Gut Microbes, 2020, 12, 1799733.	9.8	26
10	Treatment with <i>Anaerobutyricum soehngenii</i> : a pilot study of safety and dose-response effects on glucose metabolism in human subjects with metabolic syndrome. Npj Biofilms and Microbiomes, 2020, 6, 16.	6.4	53
11	Development of omics-based protocols for the microbiological characterization of multi-strain formulations marketed as probiotics: the case of VSL#3. Microbial Biotechnology, 2019, 12, 1371-1386.	4.2	30
12	Antibiotics-induced monodominance of a novel gut bacterial order. Gut, 2019, 68, 1781-1790.	12.1	73
13	<i>Akkermansia muciniphila</i> ameliorates the age-related decline in colonic mucus thickness and attenuates immune activation in accelerated aging Ercc1 ^{+/+} 7 mice. Immunity and Ageing, 2019, 16, 6.	4.2	130
14	<i>Trichococcus shcherbakoviae</i> sp. nov., isolated from a laboratory-scale anaerobic EGSB bioreactor operated at low temperature. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 529-534.	1.7	23
15	Deciphering the trophic interaction between <i>Akkermansia muciniphila</i> and the butyrogenic gut commensal <i>Anaerostipes caccae</i> using a metatranscriptomic approach. Antonie Van Leeuwenhoek, 2018, 111, 859-873.	1.7	90
16	Model-driven design of a minimal medium for <i>Akkermansia muciniphila</i> confirms mucus adaptation. Microbial Biotechnology, 2018, 11, 476-485.	4.2	57
17	Reclassification of <i>Eubacterium hallii</i> as <i>Anaerobutyricum hallii</i> gen. nov., comb. nov., and description of <i>Anaerobutyricum soehngenii</i> sp. nov., a butyrate and propionate-producing bacterium from infant faeces. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3741-3746.	1.7	77
18	Microbial shifts and signatures of long-term remission in ulcerative colitis after faecal microbiota transplantation. ISME Journal, 2017, 11, 1877-1889.	9.8	157

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19	Action and function of Akkermansia muciniphila in microbiome ecology, health and disease. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2017, 31, 637-642.	2.4	191
20	Microbial Metabolic Networks at the Mucus Layer Lead to Diet-Independent Butyrate and Vitamin B ₁₂ Production by Intestinal Symbionts. MBio, 2017, 8, .	4.1	269
21	A purified membrane protein from Akkermansia muciniphila or the pasteurized bacterium improves metabolism in obese and diabetic mice. Nature Medicine, 2017, 23, 107-113.	30.7	1,451
22	Distinct fecal and oral microbiota composition in human type 1 diabetes, an observational study. PLoS ONE, 2017, 12, e0188475.	2.5	163
23	Pili-like proteins of Akkermansia muciniphila modulate host immune responses and gut barrier function. PLoS ONE, 2017, 12, e0173004.	2.5	340
24	Intestinal Ralstonia pickettii augments glucose intolerance in obesity. PLoS ONE, 2017, 12, e0181693.	2.5	53
25	Akkermansia glycaniphila sp. nov., an anaerobic mucin-degrading bacterium isolated from reticulated python faeces. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4614-4620.	1.7	68