

Karsten Kristiansen

List of Publications by Year in descending order

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Version: 2024-02-01

410
papers

77,448
citations

2322

98
h-index

568

263
g-index

445
all docs

445
docs citations

445
times ranked

84955
citing authors

#	ARTICLE	IF	CITATIONS
1	Response to: "Correspondence on "Safety and efficacy of faecal microbiota transplantation for active peripheral psoriatic arthritis: an exploratory randomised placebo-controlled trial" by McGonagle et al". <i>Annals of the Rheumatic Diseases</i> , 2023, 82, e165-e165.	0.9	3
2	Life History Recorded in the Vagino-cervical Microbiome Along with Multi-omes. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 304-321.	6.9	18
3	Chromosome-scale assembly and whole-genome sequencing of 266 giant panda roundworms provide insights into their evolution, adaptation and potential drug targets. <i>Molecular Ecology Resources</i> , 2022, 22, 768-785.	4.8	6
4	Over 50,000 Metagenomically Assembled Draft Genomes for the Human Oral Microbiome Reveal New Taxa. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 246-259.	6.9	38
5	Integrative analyses of probiotics, pathogenic infections and host immune response highlight the importance of gut microbiota in understanding disease recovery in rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT1/Overlook		
6	A multi-omics approach unravels metagenomic and metabolic alterations of a probiotic and synbiotic additive in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Microbiome</i> , 2022, 10, 21.	11.1	25
7	Whole-genome sequence of the planarian <i>Dugesia japonica</i> combining Illumina and PacBio data. <i>Genomics</i> , 2022, 114, 110293.	2.9	8
8	Pot-pollen supplementation reduces fasting glucose and modulates the gut microbiota in high-fat/high-sucrose fed C57BL/6 mice. <i>Food and Function</i> , 2022, 13, 3982-3992.	4.6	2
9	Proteomic Analysis of the Protective Effect of Eriodictyol on Benzo(a)pyrene-Induced Caco-2 Cytotoxicity. <i>Frontiers in Nutrition</i> , 2022, 9, 839364.	3.7	1
10	In vitro digestion mimicking conditions in young and elderly reveals marked differences between profiles and potential bioactivity of peptides from meat and soy proteins. <i>Food Research International</i> , 2022, 157, 111215.	6.2	11
11	Effect of gastrointestinal alterations mimicking elderly conditions on in vitro digestion of meat and soy proteins. <i>Food Chemistry</i> , 2022, 383, 132465.	8.2	19
12	Distinct Functional Metagenomic Markers Predict the Responsiveness to Anti-PD-1 Therapy in Chinese Non-Small Cell Lung Cancer Patients. <i>Frontiers in Oncology</i> , 2022, 12, 837525.	2.8	6
13	Large-Scale Genomic Epidemiology of <i>Klebsiella pneumoniae</i> Identified Clone Divergence with Hypervirulent Plus Antimicrobial-Resistant Characteristics Causing Within-Ward Strain Transmissions. <i>Microbiology Spectrum</i> , 2022, 10, e0269821.	3.0	7
14	Multi-omics analyses of serum metabolome, gut microbiome and brain function reveal dysregulated microbiota-gut-brain axis in bipolar depression. <i>Molecular Psychiatry</i> , 2022, 27, 4123-4135.	7.9	57
15	Intake of a Chicken Protein-Based or Soy Protein-Based Diet Differentially Affects Growth Performance, Absorptive Capacity, and Gut Microbiota in Young Rats. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2101124.	3.3	1
16	Profiling the Atopic Dermatitis Epidermal Transcriptome by Tape Stripping and BRB-seq. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6140.	4.1	1
17	Proteomics and Metabolomics Profiling of Pork Exudate Reveals Meat Spoilage during Storage. <i>Metabolites</i> , 2022, 12, 570.	2.9	6
18	Status and perspectives of biomarker validation for diagnosis, stratification, and treatment. <i>Public Health</i> , 2021, 190, 173-175.	2.9	2

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19	Sex- and age-related trajectories of the adult human gut microbiota shared across populations of different ethnicities. <i>Nature Aging</i> , 2021, 1, 87-100.	11.6	86
20	Lysates of <i>Methylococcus capsulatus</i> Bath induce a lean-like microbiota, intestinal FoxP3+ROR γ t+IL-17+ Tregs and improve metabolism. <i>Nature Communications</i> , 2021, 12, 1093.	12.8	24
21	An Expanded Gene Catalog of Mouse Gut Metagenomes. <i>MSphere</i> , 2021, 6, .	2.9	13
22	Taxonomic Description and Genome Sequence of <i>Christensenella intestinhominis</i> sp. nov., a Novel Cholesterol-Lowering Bacterium Isolated From Human Gut. <i>Frontiers in Microbiology</i> , 2021, 12, 632361.	3.5	18
23	Longitudinal Study of the Drug Resistance in <i>Klebsiella pneumoniae</i> of a Tertiary Hospital, China: Phenotypic Epidemiology Analysis (2013â€“2018). <i>Infection and Drug Resistance</i> , 2021, Volume 14, 613-626.	2.7	6
24	A genome-wide association study for gut metagenome in Chinese adults illuminates complex diseases. <i>Cell Discovery</i> , 2021, 7, 9.	6.7	49
25	Characterization of the human skin resistome and identification of two microbiota cutotypes. <i>Microbiome</i> , 2021, 9, 47.	11.1	42
26	Nutritional composition and bioactive compounds of <i>Melipona seminigra</i> pollen from Amazonas, Brazil. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4907-4915.	3.5	3
27	Systems-wide effects of short-term feed deprivation in obese mice. <i>Scientific Reports</i> , 2021, 11, 5716.	3.3	6
28	Safety and efficacy of faecal microbiota transplantation for active peripheral psoriatic arthritis: an exploratory randomised placebo-controlled trial. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1158-1167.	0.9	40
29	Characterization of respiratory microbial dysbiosis in hospitalized COVID-19 patients. <i>Cell Discovery</i> , 2021, 7, 23.	6.7	34
30	Developmental trajectory of the healthy human gut microbiota during the first 5 years of life. <i>Cell Host and Microbe</i> , 2021, 29, 765-776.e3.	11.0	208
31	The Baseline Gut Microbiota Directs Dieting-Induced Weight Loss Trajectories. <i>Gastroenterology</i> , 2021, 160, 2029-2042.e16.	1.3	63
32	Genome-resolved metagenomics suggests a mutualistic relationship between <i>Mycoplasma</i> and salmonid hosts. <i>Communications Biology</i> , 2021, 4, 579.	4.4	55
33	Small Intestinal Tuft Cell Activity Associates With Energy Metabolism in Diet-Induced Obesity. <i>Frontiers in Immunology</i> , 2021, 12, 629391.	4.8	9
34	Characterization and description of <i>Faecalibacterium butyricigenerans</i> sp. nov. and <i>F. longum</i> sp. nov., isolated from human faeces. <i>Scientific Reports</i> , 2021, 11, 11340.	3.3	42
35	Gut Microbiota Perturbation in IgA Deficiency Is Influenced by IgA-Autoantibody Status. <i>Gastroenterology</i> , 2021, 160, 2423-2434.e5.	1.3	34
36	A transomic cohort as a reference point for promoting a healthy human gut microbiome. <i>Medicine in Microecology</i> , 2021, 8, 100039.	1.6	24

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37	A porcine brain-wide RNA editing landscape. <i>Communications Biology</i> , 2021, 4, 717.	4.4	5
38	Maternal prenatal gut microbiota composition predicts child behaviour. <i>EBioMedicine</i> , 2021, 68, 103400.	6.1	36
39	Cervicovaginal microbiome dynamics after taking oral probiotics. <i>Journal of Genetics and Genomics</i> , 2021, 48, 716-726.	3.9	8
40	Dairy consumption and physical fitness tests associated with fecal microbiome in a Chinese cohort. <i>Medicine in Microecology</i> , 2021, 9, 100038.	1.6	6
41	Disease trends in a young Chinese cohort according to fecal metagenome and plasma metabolites. <i>Medicine in Microecology</i> , 2021, , 100037.	1.6	2
42	The maternal gut microbiome during pregnancy and offspring allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 669-678.	2.9	55
43	Chromosome-scale genomes provide new insights into subspecies divergence and evolutionary characteristics of the giant panda. <i>Science Bulletin</i> , 2021, 66, 2002-2013.	9.0	13
44	An efficient pipeline for ancient DNA mapping and recovery of endogenous ancient DNA from whole-genome sequencing data. <i>Ecology and Evolution</i> , 2021, 11, 390-401.	1.9	6
45	Network of Interactions Between Gut Microbiome, Host Biomarkers, and Urine Metabolome in Carotid Atherosclerosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 708088.	3.9	5
46	Adipose MDM2 regulates systemic insulin sensitivity. <i>Scientific Reports</i> , 2021, 11, 21839.	3.3	7
47	Transplantation of microbiota from drug-free patients with schizophrenia causes schizophrenia-like abnormal behaviors and dysregulated kynurenine metabolism in mice. <i>Molecular Psychiatry</i> , 2020, 25, 2905-2918.	7.9	202
48	Pretreatment <i>Prevotella</i> -to- <i>Bacteroides</i> ratio and markers of glucose metabolism as prognostic markers for dietary weight loss maintenance. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 338-347.	2.9	26
49	Body fluid from the parasitic worm <i>Ascaris suum</i> inhibits broad-acting pro-inflammatory programs in dendritic cells. <i>Immunology</i> , 2020, 159, 322-334.	4.4	16
50	The Anti-Obesogenic Effect of Lean Fish Species Is Influenced by the Fatty Acid Composition in Fish Fillets. <i>Nutrients</i> , 2020, 12, 3038.	4.1	0
51	A Chromosome-Level Genome Assembly of <i>Dendrobium Huoshanense</i> Using Long Reads and Hi-C Data. <i>Genome Biology and Evolution</i> , 2020, 12, 2486-2490.	2.5	30
52	Assessment of fecal DNA extraction protocols for metagenomic studies. <i>GigaScience</i> , 2020, 9, .	6.4	35
53	Data integration for prediction of weight loss in randomized controlled dietary trials. <i>Scientific Reports</i> , 2020, 10, 20103.	3.3	10
54	A catalog of microbial genes from the bovine rumen unveils a specialized and diverse biomass-degrading environment. <i>GigaScience</i> , 2020, 9, .	6.4	35

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55	Comparative Analysis of Sample Extraction and Library Construction for Shotgun Metagenomics. <i>Bioinformatics and Biology Insights</i> , 2020, 14, 117793222091545.	2.0	8
56	Metagenome-wide association of gut microbiome features for schizophrenia. <i>Nature Communications</i> , 2020, 11, 1612.	12.8	204
57	Reply to: Transformation of naked mole-rat cells. <i>Nature</i> , 2020, 583, E8-E13.	27.8	11
58	The draft genome of mandrill (<i>Mandrillus sphinx</i>): An Old World monkey. <i>Scientific Reports</i> , 2020, 10, 2431.	3.3	3
59	Response of the Human Milk Microbiota to a Maternal Prebiotic Intervention Is Individual and Influenced by Maternal Age. <i>Nutrients</i> , 2020, 12, 1081.	4.1	10
60	Clinical characteristics of the BREATHE cohort – a real-life study on patients with asthma and COPD. <i>European Clinical Respiratory Journal</i> , 2020, 7, 1736934.	1.5	16
61	Treatment with the anti-IgE monoclonal antibody omalizumab in women with asthma undergoing fertility treatment: a proof-of-concept study – The PRO-ART study protocol. <i>BMJ Open</i> , 2020, 10, e037041.	1.9	3
62	The association between airway and systemic eosinophilia and symptoms and exacerbations differ between asthma and COPD patients. , 2020, , .		0
63	Distribution of T2 markers in real-life patients with asthma, COPD and asthma+COPD from the BREATHE study. , 2020, , .		0
64	The association between airway hyperresponsiveness to mannitol and T2 inflammatory markers in asthma versus COPD. , 2020, , .		0
65	IDDF2020-ABS-0141 – The gut microbiome and serum metabolome orchestrate healthy aging and longevity with novel implications for renal function. , 2020, , .		0
66	Interplay between food and gut microbiota in health and disease. <i>Food Research International</i> , 2019, 115, 23-31.	6.2	168
67	Prevotella-to-Bacteroides ratio predicts body weight and fat loss success on 24-week diets varying in macronutrient composition and dietary fiber: results from a post-hoc analysis. <i>International Journal of Obesity</i> , 2019, 43, 149-157.	3.4	173
68	Sequencing reveals protective and pathogenic effects on development of diabetes of rare GLIS3 variants. <i>PLoS ONE</i> , 2019, 14, e0220805.	2.5	4
69	Improving Species Identification of Ancient Mammals Based on Next-Generation Sequencing Data. <i>Genes</i> , 2019, 10, 509.	2.4	8
70	Dietary Protein Sources Differentially Affect the Growth of <i>Akkermansia muciniphila</i> and Maintenance of the Gut Mucus Barrier in Mice. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1900589.	3.3	32
71	Genome Sequencing Explores Complexity of Chromosomal Abnormalities in Recurrent Miscarriage. <i>American Journal of Human Genetics</i> , 2019, 105, 1102-1111.	6.2	66
72	The Human Milk Microbiota is Modulated by Maternal Diet. <i>Microorganisms</i> , 2019, 7, 502.	3.6	59

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73	Distinct gut metagenomics and metaproteomics signatures in prediabetics and treatment-naïve type 2 diabetics. <i>EBioMedicine</i> , 2019, 47, 373-383.	6.1	101
74	Effects of exercise and dietary protein sources on adiposity and insulin sensitivity in obese mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 66, 98-109.	4.2	14
75	Viral integration drives multifocal HCC during the occult HBV infection. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 261.	8.6	27
76	Overexpression of cyclooxygenase-2 in adipocytes reduces fat accumulation in inguinal white adipose tissue and hepatic steatosis in high-fat fed mice. <i>Scientific Reports</i> , 2019, 9, 8979.	3.3	22
77	The Impact of Different Animal-Derived Protein Sources on Adiposity and Glucose Homeostasis during Ad Libitum Feeding and Energy Restriction in Already Obese Mice. <i>Nutrients</i> , 2019, 11, 1153.	4.1	14
78	Habitat fragmentation is associated with dietary shifts and microbiota variability in common vampire bats. <i>Ecology and Evolution</i> , 2019, 9, 6508-6523.	1.9	61
79	Single-cell RNA-seq reveals distinct dynamic behavior of sex chromosomes during early human embryogenesis. <i>Molecular Reproduction and Development</i> , 2019, 86, 871-882.	2.0	23
80	Human Paneth cell Î±-defensin-5 treatment reverses dyslipidemia and improves glucoregulatory capacity in diet-induced obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E42-E52.	3.5	22
81	Efficient and unique cobarcoding of second-generation sequencing reads from long DNA molecules enabling cost-effective and accurate sequencing, haplotyping, and de novo assembly. <i>Genome Research</i> , 2019, 29, 798-808.	5.5	176
82	Seafood intake and the development of obesity, insulin resistance and type 2 diabetes. <i>Nutrition Research Reviews</i> , 2019, 32, 146-167.	4.1	40
83	The first chromosome-level genome for a marine mammal as a resource to study ecology and evolution. <i>Molecular Ecology Resources</i> , 2019, 19, 944-956.	4.8	27
84	Salmon in Combination with High Glycemic Index Carbohydrates Increases Diet-Induced Thermogenesis Compared with Salmon with Low Glycemic Index Carbohydrates—An Acute Randomized Cross-Over Meal Test Study. <i>Nutrients</i> , 2019, 11, 365.	4.1	3
85	Panel-based NGS reveals disease-causing mutations in hearing loss patients using BGISEQ-500 platform. <i>Medicine (United States)</i> , 2019, 98, e14860.	1.0	17
86	Correction: Amendments: Author Correction: A catalog of the mouse gut metagenome. <i>Nature Biotechnology</i> , 2019, 37, 102-102.	17.5	0
87	Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. <i>Microbiome</i> , 2019, 7, 2.	11.1	135
88	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. <i>Cell Metabolism</i> , 2019, 29, 50-63.e4.	16.2	50
89	Whole grain-rich diet reduces body weight and systemic low-grade inflammation without inducing major changes of the gut microbiome: a randomised cross-over trial. <i>Gut</i> , 2019, 68, 83-93.	12.1	278
90	The Effect of Lean and Seafood and Non-Seafood Diets on Fecal Metabolites and Gut Microbiome: Results from a Randomized Crossover Intervention Study. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1700976.	3.3	30

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91	1,520 reference genomes from cultivated human gut bacteria enable functional microbiome analyses. <i>Nature Biotechnology</i> , 2019, 37, 179-185.	17.5	402
92	Applied Hologenomics: Feasibility and Potential in Aquaculture. <i>Trends in Biotechnology</i> , 2018, 36, 252-264.	9.3	51
93	Assessment of the cPAS-based BGISEQ-500 platform for metagenomic sequencing. <i>GigaScience</i> , 2018, 7, 1-8.	6.4	168
94	Aberrant intestinal microbiota in individuals with prediabetes. <i>Diabetologia</i> , 2018, 61, 810-820.	6.3	313
95	Development and clinical validation of a circulating tumor DNA test for the identification of clinically actionable mutations in nonsmall cell lung cancer. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 211-220.	2.8	24
96	Ibuprofen alters human testicular physiology to produce a state of compensated hypogonadism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E715-E724.	7.1	88
97	A novel affordable reagent for room temperature storage and transport of fecal samples for metagenomic analyses. <i>Microbiome</i> , 2018, 6, 43.	11.1	53
98	Efficacy and safety of faecal microbiota transplantation in patients with psoriatic arthritis: protocol for a 6-month, double-blind, randomised, placebo-controlled trial. <i>BMJ Open</i> , 2018, 8, e019231.	1.9	51
99	Age-dependent alterations of glucose clearance and homeostasis are temporally separated and modulated by dietary fat. <i>Journal of Nutritional Biochemistry</i> , 2018, 54, 66-76.	4.2	12
100	High intake of dairy during energy restriction does not affect energy balance or the intestinal microflora compared with low dairy intake in overweight individuals in a randomized controlled trial. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 1-10.	1.9	23
101	Comprehensive targeted super-deep next generation sequencing enhances differential diagnosis of solitary pulmonary nodules. <i>Journal of Thoracic Disease</i> , 2018, 10, S820-S829.	1.4	15
102	Next generation sequencing-based molecular profiling of lung adenocarcinoma using pleural effusion specimens. <i>Journal of Thoracic Disease</i> , 2018, 10, 2631-2637.	1.4	37
103	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. <i>Nature Communications</i> , 2018, 9, 4630.	12.8	124
104	Whole-genome sequencing of 175 Mongolians uncovers population-specific genetic architecture and gene flow throughout North and East Asia. <i>Nature Genetics</i> , 2018, 50, 1696-1704.	21.4	38
105	Dietary Proteins, Brown Fat, and Adiposity. <i>Frontiers in Physiology</i> , 2018, 9, 1792.	2.8	11
106	MetaPGN: a pipeline for construction and graphical visualization of annotated pangenome networks. <i>GigaScience</i> , 2018, 7, .	6.4	6
107	The metagenome of the female upper reproductive tract. <i>GigaScience</i> , 2018, 7, .	6.4	68
108	A gene catalogue of the Sprague-Dawley rat gut metagenome. <i>GigaScience</i> , 2018, 7, .	6.4	57

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109	Targeted next-generation sequencing as a comprehensive test for Mendelian diseases: a cohort diagnostic study. <i>Scientific Reports</i> , 2018, 8, 11646.	3.3	17
110	Dissecting the expression landscape of mitochondrial genes in lung squamous cell carcinoma and lung adenocarcinoma. <i>Oncology Letters</i> , 2018, 16, 3992-4000.	1.8	6
111	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. <i>Frontiers in Immunology</i> , 2018, 9, 908.	4.8	56
112	Effects of Frozen Storage on Phospholipid Content in Atlantic Cod Fillets and the Influence on Diet-Induced Obesity in Mice. <i>Nutrients</i> , 2018, 10, 695.	4.1	7
113	Zinc finger and interferon-stimulated genes play a vital role in TB-IRIS following HAART in AIDS. <i>Personalized Medicine</i> , 2018, 15, 251-269.	1.5	7
114	CRISPR/Cas9-Mediated Genome Editing-Challenges and Opportunities. <i>Frontiers in Genetics</i> , 2018, 9, 240.	2.3	45
115	Multi-cohort analysis of colorectal cancer metagenome identified altered bacteria across populations and universal bacterial markers. <i>Microbiome</i> , 2018, 6, 70.	11.1	344
116	Meals based on cod or veal in combination with high or low glycemic index carbohydrates did not affect diet-induced thermogenesis, appetite sensations, or subsequent energy intake differently. <i>Appetite</i> , 2018, 130, 199-208.	3.7	6
117	Establishment of a <i>Macaca fascicularis</i> gut microbiome gene catalog and comparison with the human, pig, and mouse gut microbiomes. <i>GigaScience</i> , 2018, 7, .	6.4	53
118	Characterization of genomic clones using circulating tumor DNA in patients with hepatocarcinoma. <i>Translational Cancer Research</i> , 2018, 7, 321-329.	1.0	1
119	Metagenomic analysis of faecal microbiome as a tool towards targeted non-invasive biomarkers for colorectal cancer. <i>Gut</i> , 2017, 66, 70-78.	12.1	865
120	Mammary alveolar epithelial cells convert to brown adipocytes in post-lactating mice. <i>Journal of Cellular Physiology</i> , 2017, 232, 2923-2928.	4.1	26
121	High-fat feeding rather than obesity drives taxonomical and functional changes in the gut microbiota in mice. <i>Microbiome</i> , 2017, 5, 43.	11.1	132
122	Lipidomic profiling reveals distinct differences in plasma lipid composition in healthy, prediabetic, and type 2 diabetic individuals. <i>GigaScience</i> , 2017, 6, 1-12.	6.4	49
123	Obesity is associated with depot-specific alterations in adipocyte DNA methylation and gene expression. <i>Adipocyte</i> , 2017, 6, 124-133.	2.8	34
124	Acute infection with the intestinal parasite <i>Trichuris muris</i> has long-term consequences on mucosal mast cell homeostasis and epithelial integrity. <i>European Journal of Immunology</i> , 2017, 47, 257-268.	2.9	18
125	Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. <i>Nature Medicine</i> , 2017, 23, 859-868.	30.7	1,074
126	Prenatal exposure to paracetamol/acetaminophen and precursor aniline impairs masculinisation of male brain and behaviour. <i>Reproduction</i> , 2017, 154, 145-152.	2.6	37

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127	Dietary intake and adipose tissue content of long-chain nâ€“3 PUFAs and subsequent 5-y change in body weight and waist circumference. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1148-1157.	4.7	7
128	Effects of Gliadin consumption on the Intestinal Microbiota and Metabolic Homeostasis in Mice Fed a High-fat Diet. <i>Scientific Reports</i> , 2017, 7, 44613.	3.3	24
129	Induction of lipogenesis in white fat during cold exposure in mice: link to lean phenotype. <i>International Journal of Obesity</i> , 2017, 41, 372-380.	3.4	38
130	A safflower oil based highâ€“fat/highâ€“sucrose diet modulates the gut microbiota and liver phospholipid profiles associated with early glucose intolerance in the absence of tissue inflammation. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600528.	3.3	19
131	Eosinophilic airway inflammation in asthmatic patients is associated with an altered airway microbiome. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 407-417.e11.	2.9	89
132	The gut microbiome in atherosclerotic cardiovascular disease. <i>Nature Communications</i> , 2017, 8, 845.	12.8	1,029
133	The microbiota continuum along the female reproductive tract and its relation to uterine-related diseases. <i>Nature Communications</i> , 2017, 8, 875.	12.8	572
134	Taxonomic structure and functional association of foxtail millet root microbiome. <i>GigaScience</i> , 2017, 6, 1-12.	6.4	1,228
135	Comprehensive genomic profiling of lung cancer using a validated panel to explore therapeutic targets in East Asian patients. <i>Cancer Science</i> , 2017, 108, 2487-2494.	3.9	57
136	Analyses of gut microbiota and plasma bile acids enable stratification of patients for antidiabetic treatment. <i>Nature Communications</i> , 2017, 8, 1785.	12.8	312
137	Two distinct metacommunities characterize the gut microbiota in Crohn's disease patients. <i>GigaScience</i> , 2017, 6, 1-11.	6.4	75
138	Visualization and Quantification of Browning Using a <i>Ucp1</i> -2A-Luciferase Knock-in Mouse Model. <i>Diabetes</i> , 2017, 66, 407-417.	0.6	35
139	Increased microvascular permeability in mice lacking <i>Epac1</i> (<i>Rapgef3</i>). <i>Acta Physiologica</i> , 2017, 219, 441-452.	3.8	36
140	An esophageal squamous cell carcinoma classification system that reveals potential targets for therapy. <i>Oncotarget</i> , 2017, 8, 49851-49860.	1.8	18
141	Links between Dietary Protein Sources, the Gut Microbiota, and Obesity. <i>Frontiers in Physiology</i> , 2017, 8, 1047.	2.8	83
142	Sequencing and de novo assembly of 150 genomes from Denmark as a population reference. <i>Nature</i> , 2017, 548, 87-91.	27.8	130
143	Synthesis and biological evaluation of dihydropyrano-[2,3-c]pyrazoles as a new class of PPAR β partial agonists. <i>PLoS ONE</i> , 2017, 12, e0162642.	2.5	10
144	FFAR4 (GPR120) Signaling Is Not Required for Anti-Inflammatory and Insulin-Sensitizing Effects of Omega-3 Fatty Acids. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.0	40

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145	Systematic Comparative Evaluation of Methods for Investigating the TCR ^Î 2 Repertoire. PLoS ONE, 2016, 11, e0152464.	2.5	58
146	Novel Y-chromosomal microdeletions associated with non-obstructive azoospermia uncovered by high throughput sequencing of sequence-tagged sites (STSs). Scientific Reports, 2016, 6, 21831.	3.3	11
147	A randomised, controlled, crossover study of the effect of diet on angiotensin-like protein 4 (ANGPTL4) through modification of the gut microbiome. Journal of Nutritional Science, 2016, 5, e45.	1.9	16
148	Shotgun Metagenomics of 250 Adult Twins Reveals Genetic and Environmental Impacts on the Gut Microbiome. Cell Systems, 2016, 3, 572-584.e3.	6.2	261
149	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. Immunity, 2016, 44, 860-874.	14.3	118
150	Intake of a Western diet containing cod instead of pork alters fatty acid composition in tissue phospholipids and attenuates obesity and hepatic lipid accumulation in mice. Journal of Nutritional Biochemistry, 2016, 33, 119-127.	4.2	32
151	Depletion of regulatory T cells leads to an exacerbation of delayed-type hypersensitivity arthritis in C57BL/6 mice that can be counteracted by IL-17 blockade. DMM Disease Models and Mechanisms, 2016, 9, 427-40.	2.4	10
152	Dietary fat drives whole-body insulin resistance and promotes intestinal inflammation independent of body weight gain. Metabolism: Clinical and Experimental, 2016, 65, 1706-1719.	3.4	22
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