

# Karsten Kristiansen

## List of Publications by Year in descending order

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Version: 2024-02-01

410  
papers

77,448  
citations

2696

98  
h-index

660

263  
g-index

445  
all docs

445  
docs citations

445  
times ranked

93021  
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.	0.5	3
2	Life History Recorded in the Vagino-cervical Microbiome Along with Multi-omes. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 304-321.	3.0	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.	2.2	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.	3.0	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 mykiss</i> ). <i>Overlook</i>	1.0	1
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.	4.9	25
7	Whole-genome sequence of the planarian <i>Dugesia japonica</i> combining Illumina and PacBio data. <i>Genomics</i> , 2022, 114, 110293.	1.3	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.	2.1	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.	1.6	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.	2.9	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.	4.2	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.	1.3	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.	1.2	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.	4.1	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.	1.5	1
16	Profiling the Atopic Dermatitis Epidermal Transcriptome by Tape Stripping and BRB-seq. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6140.	1.8	1
17	Proteomics and Metabolomics Profiling of Pork Exudate Reveals Meat Spoilage during Storage. <i>Metabolites</i> , 2022, 12, 570.	1.3	6
18	Status and perspectives of biomarker validation for diagnosis, stratification, and treatment. <i>Public Health</i> , 2021, 190, 173-175.	1.4	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.	5.3	86
20	Lysates of <i>Methylococcus capsulatus</i> Bath induce a lean-like microbiota, intestinal FoxP3+ROR $\gamma$ t+IL-17+ Tregs and improve metabolism. <i>Nature Communications</i> , 2021, 12, 1093.	5.8	24
21	An Expanded Gene Catalog of Mouse Gut Metagenomes. <i>MSphere</i> , 2021, 6, .	1.3	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.	1.5	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.	1.1	6
24	A genome-wide association study for gut metagenome in Chinese adults illuminates complex diseases. <i>Cell Discovery</i> , 2021, 7, 9.	3.1	49
25	Characterization of the human skin resistome and identification of two microbiota cutotypes. <i>Microbiome</i> , 2021, 9, 47.	4.9	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.	1.7	3
27	Systems-wide effects of short-term feed deprivation in obese mice. <i>Scientific Reports</i> , 2021, 11, 5716.	1.6	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.	0.5	40
29	Characterization of respiratory microbial dysbiosis in hospitalized COVID-19 patients. <i>Cell Discovery</i> , 2021, 7, 23.	3.1	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.	5.1	208
31	The Baseline Gut Microbiota Directs Dieting-Induced Weight Loss Trajectories. <i>Gastroenterology</i> , 2021, 160, 2029-2042.e16.	0.6	63
32	Genome-resolved metagenomics suggests a mutualistic relationship between <i>Mycoplasma</i> and salmonid hosts. <i>Communications Biology</i> , 2021, 4, 579.	2.0	55
33	Small Intestinal Tuft Cell Activity Associates With Energy Metabolism in Diet-Induced Obesity. <i>Frontiers in Immunology</i> , 2021, 12, 629391.	2.2	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.	1.6	42
35	Gut Microbiota Perturbation in IgA Deficiency Is Influenced by IgA-Autoantibody Status. <i>Gastroenterology</i> , 2021, 160, 2423-2434.e5.	0.6	34
36	A transomic cohort as a reference point for promoting a healthy human gut microbiome. <i>Medicine in Microecology</i> , 2021, 8, 100039.	0.7	24

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37	A porcine brain-wide RNA editing landscape. <i>Communications Biology</i> , 2021, 4, 717.	2.0	5
38	Maternal prenatal gut microbiota composition predicts child behaviour. <i>EBioMedicine</i> , 2021, 68, 103400.	2.7	36
39	Cervicovaginal microbiome dynamics after taking oral probiotics. <i>Journal of Genetics and Genomics</i> , 2021, 48, 716-726.	1.7	8
40	Dairy consumption and physical fitness tests associated with fecal microbiome in a Chinese cohort. <i>Medicine in Microecology</i> , 2021, 9, 100038.	0.7	6
41	Disease trends in a young Chinese cohort according to fecal metagenome and plasma metabolites. <i>Medicine in Microecology</i> , 2021, , 100037.	0.7	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.	1.5	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.	4.3	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.	0.8	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.	1.8	5
46	Adipose MDM2 regulates systemic insulin sensitivity. <i>Scientific Reports</i> , 2021, 11, 21839.	1.6	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.	4.1	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.	1.3	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.	2.0	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.	1.7	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.	1.1	30
52	Assessment of fecal DNA extraction protocols for metagenomic studies. <i>GigaScience</i> , 2020, 9, .	3.3	35
53	Data integration for prediction of weight loss in randomized controlled dietary trials. <i>Scientific Reports</i> , 2020, 10, 20103.	1.6	10
54	A catalog of microbial genes from the bovine rumen unveils a specialized and diverse biomass-degrading environment. <i>GigaScience</i> , 2020, 9, .	3.3	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.	1.0	8
56	Metagenome-wide association of gut microbiome features for schizophrenia. <i>Nature Communications</i> , 2020, 11, 1612.	5.8	204
57	Reply to: Transformation of naked mole-rat cells. <i>Nature</i> , 2020, 583, E8-E13.	13.7	11
58	The draft genome of mandrill ( <i>Mandrillus sphinx</i> ): An Old World monkey. <i>Scientific Reports</i> , 2020, 10, 2431.	1.6	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.	1.7	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.	0.7	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.	0.8	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.	2.9	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.	1.6	173
68	Sequencing reveals protective and pathogenic effects on development of diabetes of rare GLIS3 variants. <i>PLoS ONE</i> , 2019, 14, e0220805.	1.1	4
69	Improving Species Identification of Ancient Mammals Based on Next-Generation Sequencing Data. <i>Genes</i> , 2019, 10, 509.	1.0	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.	1.5	32
71	Genome Sequencing Explores Complexity of Chromosomal Abnormalities in Recurrent Miscarriage. <i>American Journal of Human Genetics</i> , 2019, 105, 1102-1111.	2.6	66
72	The Human Milk Microbiota is Modulated by Maternal Diet. <i>Microorganisms</i> , 2019, 7, 502.	1.6	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.	2.7	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.	1.9	14
75	Viral integration drives multifocal HCC during the occult HBV infection. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 261.	3.5	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.	1.6	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.	1.7	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.	0.8	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.	1.0	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.	1.8	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.	2.4	176
82	Seafood intake and the development of obesity, insulin resistance and type 2 diabetes. <i>Nutrition Research Reviews</i> , 2019, 32, 146-167.	2.1	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.	2.2	27
84	Salmon in Combination with High Glycemic Index Carbohydrates Increases Diet-Induced Thermogenesis Compared with Salmon with Low Glycemic Index Carbohydratesâ€“An Acute Randomized Cross-Over Meal Test Study. <i>Nutrients</i> , 2019, 11, 365.	1.7	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.	0.4	17
86	Correction: Amendments: Author Correction: A catalog of the mouse gut metagenome. <i>Nature Biotechnology</i> , 2019, 37, 102-102.	9.4	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.	4.9	135
88	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. <i>Cell Metabolism</i> , 2019, 29, 50-63.e4.	7.2	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.	6.1	278
90	The Effect of Leanâ€“Seafood and Nonâ€“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.	1.5	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.	9.4	402
92	Applied Hologenomics: Feasibility and Potential in Aquaculture. <i>Trends in Biotechnology</i> , 2018, 36, 252-264.	4.9	51
93	Assessment of the cPAS-based BGISEQ-500 platform for metagenomic sequencing. <i>GigaScience</i> , 2018, 7, 1-8.	3.3	168
94	Aberrant intestinal microbiota in individuals with prediabetes. <i>Diabetologia</i> , 2018, 61, 810-820.	2.9	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.	1.5	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.	3.3	88
97	A novel affordable reagent for room temperature storage and transport of fecal samples for metagenomic analyses. <i>Microbiome</i> , 2018, 6, 43.	4.9	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.	0.8	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.	1.9	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.	0.9	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.	0.6	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.	0.6	37
103	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. <i>Nature Communications</i> , 2018, 9, 4630.	5.8	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.	9.4	38
105	Dietary Proteins, Brown Fat, and Adiposity. <i>Frontiers in Physiology</i> , 2018, 9, 1792.	1.3	11
106	MetaPGN: a pipeline for construction and graphical visualization of annotated pangenome networks. <i>GigaScience</i> , 2018, 7, .	3.3	6
107	The metagenome of the female upper reproductive tract. <i>GigaScience</i> , 2018, 7, .	3.3	68
108	A gene catalogue of the Sprague-Dawley rat gut metagenome. <i>GigaScience</i> , 2018, 7, .	3.3	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.	1.6	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.	0.8	6
111	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. <i>Frontiers in Immunology</i> , 2018, 9, 908.	2.2	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.	1.7	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.	0.8	7
114	CRISPR/Cas9-Mediated Genome Editing-Challenges and Opportunities. <i>Frontiers in Genetics</i> , 2018, 9, 240.	1.1	45
115	Multi-cohort analysis of colorectal cancer metagenome identified altered bacteria across populations and universal bacterial markers. <i>Microbiome</i> , 2018, 6, 70.	4.9	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.	1.8	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, .	3.3	53
118	Characterization of genomic clones using circulating tumor DNA in patients with hepatocarcinoma. <i>Translational Cancer Research</i> , 2018, 7, 321-329.	0.4	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.	6.1	865
120	Mammary alveolar epithelial cells convert to brown adipocytes in post-lactating mice. <i>Journal of Cellular Physiology</i> , 2017, 232, 2923-2928.	2.0	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.	4.9	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.	3.3	49
123	Obesity is associated with depot-specific alterations in adipocyte DNA methylation and gene expression. <i>Adipocyte</i> , 2017, 6, 124-133.	1.3	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.	1.6	18
125	Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. <i>Nature Medicine</i> , 2017, 23, 859-868.	15.2	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.	1.1	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.	2.2	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.	1.6	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.	1.6	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.	1.5	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.	1.5	89
132	The gut microbiome in atherosclerotic cardiovascular disease. <i>Nature Communications</i> , 2017, 8, 845.	5.8	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.	5.8	572
134	Taxonomic structure and functional association of foxtail millet root microbiome. <i>GigaScience</i> , 2017, 6, 1-12.	3.3	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.	1.7	57
136	Analyses of gut microbiota and plasma bile acids enable stratification of patients for antidiabetic treatment. <i>Nature Communications</i> , 2017, 8, 1785.	5.8	312
137	Two distinct metacommunities characterize the gut microbiota in Crohn's disease patients. <i>GigaScience</i> , 2017, 6, 1-11.	3.3	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.	0.3	35
139	Increased microvascular permeability in mice lacking <i>Epac1</i> ( <i>Rapgef3</i> ). <i>Acta Physiologica</i> , 2017, 219, 441-452.	1.8	36
140	An esophageal squamous cell carcinoma classification system that reveals potential targets for therapy. <i>Oncotarget</i> , 2017, 8, 49851-49860.	0.8	18
141	Links between Dietary Protein Sources, the Gut Microbiota, and Obesity. <i>Frontiers in Physiology</i> , 2017, 8, 1047.	1.3	83
142	Sequencing and de novo assembly of 150 genomes from Denmark as a population reference. <i>Nature</i> , 2017, 548, 87-91.	13.7	130
143	Synthesis and biological evaluation of dihydropyrano-[2,3-c]pyrazoles as a new class of PPAR $\beta$ partial agonists. <i>PLoS ONE</i> , 2017, 12, e0162642.	1.1	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.	1.4	40

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145	Systematic Comparative Evaluation of Methods for Investigating the TCR <sup>Î²</sup> Repertoire. <i>PLoS ONE</i> , 2016, 11, e0152464.	1.1	58
146	Novel Y-chromosomal microdeletions associated with non-obstructive azoospermia uncovered by high throughput sequencing of sequence-tagged sites (STSs). <i>Scientific Reports</i> , 2016, 6, 21831.	1.6	11
147	A randomised, controlled, crossover study of the effect of diet on angiotensin-like protein 4 (ANGPTL4) through modification of the gut microbiome. <i>Journal of Nutritional Science</i> , 2016, 5, e45.	0.7	16
148	Shotgun Metagenomics of 250 Adult Twins Reveals Genetic and Environmental Impacts on the Gut Microbiome. <i>Cell Systems</i> , 2016, 3, 572-584.e3.	2.9	261
149	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. <i>Immunity</i> , 2016, 44, 860-874.	6.6	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. <i>Journal of Nutritional Biochemistry</i> , 2016, 33, 119-127.	1.9	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. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 427-40.	1.2	10
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