Karsten Kristiansen

List of Publications by Year in Descending Order

412 papers	56,870 citations	89 h-index	235 g-index
445 ext. papers	69,481 ext. citations	9.8 avg, IF	6.82 L-index

#	Paper	IF	Citations
412	Integrative analyses of probiotics, pathogenic infections, and host immune response highlight the importance of gut microbiota in understanding disease recovery in rainbow trout (Oncorhynchus mykiss).. *Journal of Applied Microbiology*, **2022**,	4.7	1
411	A multi-omics approach unravels metagenomic and metabolic alterations of a probiotic and synbiotic additive in rainbow trout (Oncorhynchus mykiss).. *Microbiome*, **2022**, 10, 21	16.6	2
410	Whole-genome sequence of the planarian Dugesia japonica combining Illumina and PacBio data.. *Genomics*, **2022**, 114, 110293	4.3	4
409	Proteomic Analysis of the Protective Effect of Eriodictyol on Benzo(a)pyrene-Induced Caco-2 Cytotoxicity.. *Frontiers in Nutrition*, **2022**, 9, 839364	6.2	
408	In vitro digestion mimicking conditions in young and elderly reveals marked differences between profiles and potential bioactivity of peptides from meat and soy proteins. *Food Research International*, **2022**, 157, 111215	7	0
407	Effect of gastrointestinal alterations mimicking elderly conditions on in vitro digestion of meat and soy proteins.. *Food Chemistry*, **2022**, 383, 132465	8.5	2
406	Distinct Functional Metagenomic Markers Predict the Responsiveness to Anti-PD-1 Therapy in Chinese Non-Small Cell Lung Cancer Patients.. *Frontiers in Oncology*, **2022**, 12, 837525	5.3	0
405	Large-Scale Genomic Epidemiology of Klebsiella pneumoniae Identified Clone Divergence with Hypervirulent Plus Antimicrobial-Resistant Characteristics Causing Within-Ward Strain Transmissions.. *Microbiology Spectrum*, **2022**, e0269821	8.9	0
404	Intake of a chicken protein-based or soy protein-based diet differentially affects growth performance, absorptive capacity, and gut microbiota in young rats.. *Molecular Nutrition and Food Research*, **2022**, e2101124	5.9	
403	Profiling the Atopic Dermatitis Epidermal Transcriptome by Tape Stripping and BRB-seq. *International Journal of Molecular Sciences*, **2022**, 23, 6140	6.3	
402	Adipose MDM2 regulates systemic insulin sensitivity. *Scientific Reports*, **2021**, 11, 21839	4.9	0
401	Network of Interactions Between Gut Microbiome, Host Biomarkers, and Urine Metabolome in Carotid Atherosclerosis. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 708088	5.9	1
400	Systems-wide effects of short-term feed deprivation in obese mice. *Scientific Reports*, **2021**, 11, 5716	4.9	
399	Safety and efficacy of faecal microbiota transplantation for active peripheral psoriatic arthritis: an exploratory randomised placebo-controlled trial. *Annals of the Rheumatic Diseases*, **2021**, 80, 1158-1167	2.4	8
398	Characterization of respiratory microbial dysbiosis in hospitalized COVID-19 patients. *Cell Discovery* , **2021**, 7, 23	22.3	10
397	Developmental trajectory of the healthy human gut microbiota during the first 5 years of life. *Cell Host and Microbe*, **2021**, 29, 765-776.e3	23.4	55
396	The Baseline Gut Microbiota Directs Dieting-Induced Weight Loss Trajectories. *Gastroenterology*, **2021**, 160, 2029-2042.e16	13.3	19

395	Genome-resolved metagenomics suggests a mutualistic relationship between Mycoplasma and salmonid hosts. *Communications Biology*, **2021**, 4, 579	6.7	12
394	Small Intestinal Tuft Cell Activity Associates With Energy Metabolism in Diet-Induced Obesity. *Frontiers in Immunology*, **2021**, 12, 629391	8.4	2
393	Characterization and description of Faecalibacterium butyricigenerans sp. nov. and F. longum sp. nov., isolated from human faeces. *Scientific Reports*, **2021**, 11, 11340	4.9	3
392	Gut Microbiota Perturbation in IgA Deficiency Is Influenced by IgA-Autoantibody Status. *Gastroenterology*, **2021**, 160, 2423-2434.e5	13.3	11
391	A transomic cohort as a reference point for promoting a healthy human gut microbiome. *Medicine in Microecology*, **2021**, 8, 100039	4.3	13
390	Response to: 'Correspondence on 'Safety and efficacy of faecal microbiota transplantation for active peripheral psoriatic arthritis: an exploratory randomised placebo-controlled trial'' by McGonagle. *Annals of the Rheumatic Diseases*, **2021**,	2.4	1
389	A porcine brain-wide RNA editing landscape. *Communications Biology*, **2021**, 4, 717	6.7	1
388	Maternal prenatal gut microbiota composition predicts child behaviour. *EBioMedicine*, **2021**, 68, 103400	8.8	6
387	Life History Recorded in the Vagino-cervical Microbiome Along with Multi-omics. *Genomics, Proteomics and Bioinformatics*, **2021**,	6.5	8
386	Status and perspectives of biomarker validation for diagnosis, stratification, and treatment. *Public Health*, **2021**, 190, 173-175	4	1
385	Sex- and age-related trajectories of the adult human gut microbiota shared across populations of different ethnicities. *Nature Aging*, **2021**, 1, 87-100		22
384	Lysates of Methylococcus capsulatus Bath induce a lean-like microbiota, intestinal FoxP3RORIL-17 Tregs and improve metabolism. *Nature Communications*, **2021**, 12, 1093	17.4	10
383	An Expanded Gene Catalog of Mouse Gut Metagenomes. *MSphere*, **2021**, 6,	5	4
382	Taxonomic Description and Genome Sequence of sp. nov., a Novel Cholesterol-Lowering Bacterium Isolated From Human Gut. *Frontiers in Microbiology*, **2021**, 12, 632361	5.7	3
381	Longitudinal Study of the Drug Resistance in of a Tertiary Hospital, China: Phenotypic Epidemiology Analysis (2013-2018). *Infection and Drug Resistance*, **2021**, 14, 613-626	4.2	1
380	A genome-wide association study for gut metagenome in Chinese adults illuminates complex diseases. *Cell Discovery*, **2021**, 7, 9	22.3	17
379	Characterization of the human skin resistome and identification of two microbiota cutotypes. *Microbiome*, **2021**, 9, 47	16.6	8
378	Nutritional composition and bioactive compounds of Melipona seminigra pot-pollen from Amazonas, Brazil. *Journal of the Science of Food and Agriculture*, **2021**, 101, 4907-4915	4.3	0

377	Cervicovaginal microbiome dynamics after taking oral probiotics. *Journal of Genetics and Genomics*, **2021**, 48, 716-726	4	4
376	Over 50,000 Metagenomically Assembled Draft Genomes for the Human Oral Microbiome Reveal New Taxa. *Genomics, Proteomics and Bioinformatics*, **2021**,	6.5	7
375	Dairy consumption and physical fitness tests associated with fecal microbiome in a Chinese cohort. *Medicine in Microecology*, **2021**, 100038	4.3	2
374	Disease trends in a young Chinese cohort according to fecal metagenome and plasma metabolites. *Medicine in Microecology*, **2021**, 100037	4.3	2
373	The maternal gut microbiome during pregnancy and offspring allergy and asthma. *Journal of Allergy and Clinical Immunology*, **2021**, 148, 669-678	11.5	3
372	Chromosome-scale genomes provide new insights into subspecies divergence and evolutionary characteristics of the giant panda. *Science Bulletin*, **2021**, 66, 2002-2013	10.6	0
371	An efficient pipeline for ancient DNA mapping and recovery of endogenous ancient DNA from whole-genome sequencing data. *Ecology and Evolution*, **2021**, 11, 390-401	2.8	2
370	A catalog of microbial genes from the bovine rumen unveils a specialized and diverse biomass-degrading environment. *GigaScience*, **2020**, 9,	7.6	21
369	Comparative Analysis of Sample Extraction and Library Construction for Shotgun Metagenomics. *Bioinformatics and Biology Insights*, **2020**, 14, 1177932220915459	5.3	3
368	Metagenome-wide association of gut microbiome features for schizophrenia. *Nature Communications*, **2020**, 11, 1612	17.4	73
367	Reply to: Transformation of naked mole-rat cells. *Nature*, **2020**, 583, E8-E13	50.4	5
366	The draft genome of mandrill (Mandrillus sphinx): An Old World monkey. *Scientific Reports*, **2020**, 10, 2431	4.9	2
365	Response of the Human Milk Microbiota to A Maternal Prebiotic Intervention is Individual and Influenced by Maternal Age. *Nutrients*, **2020**, 12,	6.7	9
364	Clinical characteristics of the BREATHE cohort - a real-life study on patients with asthma and COPD. *European Clinical Respiratory Journal*, **2020**, 7, 1736934	2	7
363	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. *BMJ Open*, **2020**, 10, e037041	3	1
362	Body fluid from the parasitic worm Ascaris suum inhibits broad-acting pro-inflammatory programs in dendritic cells. *Immunology*, **2020**, 159, 322-334	7.8	8
361	A Chromosome-Level Genome Assembly of Dendrobium Huoshanense Using Long Reads and Hi-C Data. *Genome Biology and Evolution*, **2020**, 12, 2486-2490	3.9	4
360	Assessment of fecal DNA extraction protocols for metagenomic studies. *GigaScience*, **2020**, 9,	7.6	11

359	Data integration for prediction of weight loss in randomized controlled dietary trials. *Scientific Reports*, **2020**, 10, 20103	4.9	2
358	Transplantation of microbiota from drug-free patients with schizophrenia causes schizophrenia-like abnormal behaviors and dysregulated kynurenine metabolism in mice. *Molecular Psychiatry*, **2020**, 25, 2905-2918	15.1	82
357	Pretreatment Prevotella-to-Bacteroides ratio and markers of glucose metabolism as prognostic markers for dietary weight loss maintenance. *European Journal of Clinical Nutrition*, **2020**, 74, 338-347	5.2	17
356	Distinct gut metagenomics and metaproteomics signatures in prediabetics and treatment-naïve type 2 diabetics. *EBioMedicine*, **2019**, 47, 373-383	8.8	44
355	Effects of exercise and dietary protein sources on adiposity and insulin sensitivity in obese mice. *Journal of Nutritional Biochemistry*, **2019**, 66, 98-109	6.3	8
354	Viral integration drives multifocal HCC during the occult HBV infection. *Journal of Experimental and Clinical Cancer Research*, **2019**, 38, 261	12.8	17
353	Overexpression of cyclooxygenase-2 in adipocytes reduces fat accumulation in inguinal white adipose tissue and hepatic steatosis in high-fat fed mice. *Scientific Reports*, **2019**, 9, 8979	4.9	12
352	The Impact of Different Animal-Derived Protein Sources on Adiposity and Glucose Homeostasis during Feeding and Energy Restriction in Already Obese Mice. *Nutrients*, **2019**, 11,	6.7	8
351	Habitat fragmentation is associated with dietary shifts and microbiota variability in common vampire bats. *Ecology and Evolution*, **2019**, 9, 6508-6523	2.8	29
350	Single-cell RNA-seq reveals distinct dynamic behavior of sex chromosomes during early human embryogenesis. *Molecular Reproduction and Development*, **2019**, 86, 871-882	2.6	11
349	Human Paneth cell α-defensin-5 treatment reverses dyslipidemia and improves glucoregulatory capacity in diet-induced obese mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 317, E42-E52	6	12
348	Efficient and unique cobarcoding of second-generation sequencing reads from long DNA molecules enabling cost-effective and accurate sequencing, haplotyping, and de novo assembly. *Genome Research*, **2019**, 29, 798-808	9.7	74
347	Seafood intake and the development of obesity, insulin resistance and type 2 diabetes. *Nutrition Research Reviews*, **2019**, 32, 146-167	7	20
346	The first chromosome-level genome for a marine mammal as a resource to study ecology and evolution. *Molecular Ecology Resources*, **2019**, 19, 944-956	8.4	15
345	Interplay between food and gut microbiota in health and disease. *Food Research International*, **2019** , 115, 23-31	7	106
344	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. *International Journal of Obesity*, **2019**, 43, 149-157	5.5	101
343	Sequencing reveals protective and pathogenic effects on development of diabetes of rare GLIS3 variants. *PLoS ONE*, **2019**, 14, e0220805	3.7	2
342	Improving Species Identification of Ancient Mammals Based on Next-Generation Sequencing Data. *Genes*, **2019**, 10,	4.2	2

341	Dietary Protein Sources Differentially Affect the Growth of Akkermansia muciniphila and Maintenance of the Gut Mucus Barrier in Mice. *Molecular Nutrition and Food Research*, **2019**, 63, e1900589	5.9	21
340	Genome Sequencing Explores Complexity of Chromosomal Abnormalities in Recurrent Miscarriage. *American Journal of Human Genetics*, **2019**, 105, 1102-1111	11	34
339	The Human Milk Microbiota is Modulated by Maternal Diet. *Microorganisms*, **2019**, 7,	4.9	34
338	1,520 reference genomes from cultivated human gut bacteria enable functional microbiome analyses. *Nature Biotechnology*, **2019**, 37, 179-185	44.5	213
337	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. *Nutrients*, **2019**, 11,	6.7	1
336	Panel-based NGS reveals disease-causing mutations in hearing loss patients using BGISEQ-500 platform. *Medicine (United States)*, **2019**, 98, e14860	1.8	7
335	Amendments: Author Correction: A catalog of the mouse gut metagenome. *Nature Biotechnology*, **2019**, 37, 102	44.5	
334	Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. *Microbiome*, **2019**, 7, 2	16.6	82
333	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. *Cell Metabolism*, **2019**, 29, 50-63.e4	24.6	29
332	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. *Gut*, **2019**, 68, 83-93	19.2	162
331	The Effect of Lean-Seafood and Non-Seafood Diets on Fecal Metabolites and Gut Microbiome: Results from a Randomized Crossover Intervention Study. *Molecular Nutrition and Food Research*, **2019**, 63, e1700976	5.9	22
330	Applied Hologenomics: Feasibility and Potential in Aquaculture. *Trends in Biotechnology*, **2018**, 36, 252-264	13.1	25
329	Assessment of the cPAS-based BGISEQ-500 platform for metagenomic sequencing. *GigaScience*, **2018**, 7, 1-8	7.6	82
328	Aberrant intestinal microbiota in individuals with prediabetes. *Diabetologia*, **2018**, 61, 810-820	10.3	163
327	Development and clinical validation of a circulating tumor DNA test for the identification of clinically actionable mutations in nonsmall cell lung cancer. *Genes Chromosomes and Cancer*, **2018**, 57, 211-220	5	12
326	Ibuprofen alters human testicular physiology to produce a state of compensated hypogonadism. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E715-E724	11.5	67
325	A novel affordable reagent for room temperature storage and transport of fecal samples for metagenomic analyses. *Microbiome*, **2018**, 6, 43	16.6	33
324	Efficacy and safety of faecal microbiota transplantation in patients with psoriatic arthritis: protocol for a 6-month, double-blind, randomised, placebo-controlled trial. *BMJ Open*, **2018**, 8, e019231	3	41

323	Age-dependent alterations of glucose clearance and homeostasis are temporally separated and modulated by dietary fat. *Journal of Nutritional Biochemistry*, **2018**, 54, 66-76	6.3	8
322	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. *Applied Physiology, Nutrition and Metabolism*, **2018**, 43, 1-10	3	16
321	Targeted next-generation sequencing as a comprehensive test for Mendelian diseases: a cohort diagnostic study. *Scientific Reports*, **2018**, 8, 11646	4.9	3
320	Dissecting the expression landscape of mitochondrial genes in lung squamous cell carcinoma and lung adenocarcinoma. *Oncology Letters*, **2018**, 16, 3992-4000	2.6	4
319	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. *Frontiers in Immunology*, **2018**, 9, 908	8.4	34
318	Effects of Frozen Storage on Phospholipid Content in Atlantic Cod Fillets and the Influence on Diet-Induced Obesity in Mice. *Nutrients*, **2018**, 10,	6.7	5
317	Zinc finger and interferon-stimulated genes play a vital role in TB-IRIS following HAART in AIDS. *Personalized Medicine*, **2018**, 15, 251-269	2.2	5
316	CRISPR/Cascade 9-Mediated Genome Editing-Challenges and Opportunities. *Frontiers in Genetics*, **2018**, 9, 240	4.5	36
315	Multi-cohort analysis of colorectal cancer metagenome identified altered bacteria across populations and universal bacterial markers. *Microbiome*, **2018**, 6, 70	16.6	165
314	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. *Appetite*, **2018**, 130, 199-208	4.5	5
313	Establishment of a Macaca fascicularis gut microbiome gene catalog and comparison with the human, pig, and mouse gut microbiomes. *GigaScience*, **2018**, 7,	7.6	27
312	Comprehensive targeted super-deep next generation sequencing enhances differential diagnosis of solitary pulmonary nodules. *Journal of Thoracic Disease*, **2018**, 10, S820-S829	2.6	14
311	Next generation sequencing-based molecular profiling of lung adenocarcinoma using pleural effusion specimens. *Journal of Thoracic Disease*, **2018**, 10, 2631-2637	2.6	24
310	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. *Nature Communications*, **2018**, 9, 4630	17.4	69
309	Whole-genome sequencing of 175 Mongolians uncovers population-specific genetic architecture and gene flow throughout North and East Asia. *Nature Genetics*, **2018**, 50, 1696-1704	36.3	27
308	Dietary Proteins, Brown Fat, and Adiposity. *Frontiers in Physiology*, **2018**, 9, 1792	4.6	6
307	MetaPGN: a pipeline for construction and graphical visualization of annotated pangenome networks. *GigaScience*, **2018**, 7,	7.6	4
306	The metagenome of the female upper reproductive tract. *GigaScience*, **2018**, 7,	7.6	43

305	A gene catalogue of the Sprague-Dawley rat gut metagenome. *GigaScience*, **2018**, 7,	7.6	41
304	Metagenomic analysis of faecal microbiome as a tool towards targeted non-invasive biomarkers for colorectal cancer. *Gut*, **2017**, 66, 70-78	19.2	488
303	Mammary alveolar epithelial cells convert to brown adipocytes in post-lactating mice. *Journal of Cellular Physiology*, **2017**, 232, 2923-2928	7	19
302	High-fat feeding rather than obesity drives taxonomical and functional changes in the gut microbiota in mice. *Microbiome*, **2017**, 5, 43	16.6	77
301	Lipidomic profiling reveals distinct differences in plasma lipid composition in healthy, prediabetic, and type 2 diabetic individuals. *GigaScience*, **2017**, 6, 1-12	7.6	28
300	Obesity is associated with depot-specific alterations in adipocyte DNA methylation and gene expression. *Adipocyte*, **2017**, 6, 124-133	3.2	20
299	Acute infection with the intestinal parasite Trichuris muris has long-term consequences on mucosal mast cell homeostasis and epithelial integrity. *European Journal of Immunology*, **2017**, 47, 257-268	6.1	13
298	Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. *Nature Medicine*, **2017**, 23, 859-868	50.5	627
297	Prenatal exposure to paracetamol/acetaminophen and precursor aniline impairs masculinisation of male brain and behaviour. *Reproduction*, **2017**, 154, 145-152	3.8	32
296	Dietary intake and adipose tissue content of long-chain n-3 PUFAs and subsequent 5-y change in body weight and waist circumference. *American Journal of Clinical Nutrition*, **2017**, 105, 1148-1157	7	6
295	Effects of Gliadin consumption on the Intestinal Microbiota and Metabolic Homeostasis in Mice Fed a High-fat Diet. *Scientific Reports*, **2017**, 7, 44613	4.9	19
294	Induction of lipogenesis in white fat during cold exposure in mice: link to lean phenotype. *International Journal of Obesity*, **2017**, 41, 372-380	5.5	29
293	A safflower oil based high-fat/high-sucrose diet modulates the gut microbiota and liver phospholipid profiles associated with early glucose intolerance in the absence of tissue inflammation. *Molecular Nutrition and Food Research*, **2017**, 61, 1600528	5.9	14
292	Eosinophilic airway inflammation in asthmatic patients is associated with an altered airway microbiome. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 407-417.e11	11.5	58
291	The gut microbiome in atherosclerotic cardiovascular disease. *Nature Communications*, **2017**, 8, 845	17.4	575
290	The microbiota continuum along the female reproductive tract and its relation to uterine-related diseases. *Nature Communications*, **2017**, 8, 875	17.4	308
289	Taxonomic structure and functional association of foxtail millet root microbiome. *GigaScience*, **2017** , 6, 1-12	7.6	1155
288	Comprehensive genomic profiling of lung cancer using a validated panel to explore therapeutic targets in East Asian patients. *Cancer Science*, **2017**, 108, 2487-2494	6.9	43

287	Analyses of gut microbiota and plasma bile acids enable stratification of patients for antidiabetic treatment. *Nature Communications*, **2017**, 8, 1785	17.4	192
286	Two distinct metacommunities characterize the gut microbiota in Crohn's disease patients. *GigaScience*, **2017**, 6, 1-11	7.6	40
285	Visualization and Quantification of Browning Using a Ucp1-2A-Luciferase Knock-in Mouse Model. *Diabetes*, **2017**, 66, 407-417	0.9	27
284	Increased microvascular permeability in mice lacking Epac1 (Rapgef3). *Acta Physiologica*, **2017**, 219, 441-452	5.2	24
283	An esophageal squamous cell carcinoma classification system that reveals potential targets for therapy. *Oncotarget*, **2017**, 8, 49851-49860	3.3	15
282	Links between Dietary Protein Sources, the Gut Microbiota, and Obesity. *Frontiers in Physiology*, **2017**, 8, 1047	4.6	50
281	Synthesis and biological evaluation of dihydropyrano-[2,3-c]pyrazoles as a new class of PPAR partial agonists. *PLoS ONE*, **2017**, 12, e0162642	3.7	5
280	Sequencing and de novo assembly of 150 genomes from Denmark as a population reference. *Nature*, **2017**, 548, 87-91	50.4	87
279	Human gut microbes impact host serum metabolome and insulin sensitivity. *Nature*, **2016**, 535, 376-81	50.4	977
278	A reference gene catalogue of the pig gut microbiome. *Nature Microbiology*, **2016**, 1, 16161	26.6	233
277	Integrated metabolomics and metagenomics analysis of plasma and urine identified microbial metabolites associated with coronary heart disease. *Scientific Reports*, **2016**, 6, 22525	4.9	89
276	The Mouse Intestinal Bacterial Collection (miBC) provides host-specific insight into cultured diversity and functional potential of the gut microbiota. *Nature Microbiology*, **2016**, 1, 16131	26.6	222
275	Importance of the fat content within the cheese-matrix for blood lipid profile, faecal fat excretion, and gut microbiome in growing pigs. *International Dairy Journal*, **2016**, 61, 67-75	3.5	11
274	Effect of a long-term high-protein diet on survival, obesity development, and gut microbiota in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E886-99	6	34
273	p53 regulates expression of uncoupling protein 1 through binding and repression of PPAR coactivator-1*American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E116-28	6	24
272	Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility. *Toxicological Sciences*, **2016**, 150, 178-89	4.4	43
271	Macronutrient composition determines accumulation of persistent organic pollutants from dietary exposure in adipose tissue of mice. *Journal of Nutritional Biochemistry*, **2016**, 27, 307-16	6.3	13
270	The protein source determines the potential of high protein diets to attenuate obesity development in C57BL/6J mice. *Adipocyte*, **2016**, 5, 196-211	3.2	29

269	Diet-induced obesity, energy metabolism and gut microbiota in C57BL/6J mice fed Western diets based on lean seafood or lean meat mixtures. *Journal of Nutritional Biochemistry*, **2016**, 31, 127-36	6.3	25
268	The elusive endogenous adipogenic PPAR agonists: Lining up the suspects. *Progress in Lipid Research*, **2016**, 61, 149-62	14.3	28
267	Design and synthesis of novel Y-shaped barbituric acid derivatives as PPAR activators. *European Journal of Medicinal Chemistry*, **2016**, 108, 423-435	6.8	17
266	FFAR4 (GPR120) Signaling Is Not Required for Anti-Inflammatory and Insulin-Sensitizing Effects of Omega-3 Fatty Acids. *Mediators of Inflammation*, **2016**, 2016, 1536047	4.3	36
265	Systematic Comparative Evaluation of Methods for Investigating the TCR Repertoire. *PLoS ONE*, **2016**, 11, e0152464	3.7	29
264	Novel Y-chromosomal microdeletions associated with non-obstructive azoospermia uncovered by high throughput sequencing of sequence-tagged sites (STSs). *Scientific Reports*, **2016**, 6, 21831	4.9	8
263	A randomised, controlled, crossover study of the effect of diet on angiopoietin-like protein 4 (ANGPTL4) through modification of the gut microbiome. *Journal of Nutritional Science*, **2016**, 5, e45	2.7	12
262	Shotgun Metagenomics of 250 Adult Twins Reveals Genetic and Environmental Impacts on the Gut Microbiome. *Cell Systems*, **2016**, 3, 572-584.e3	10.6	172
261	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. *Immunity*, **2016**, 44, 860-74	32.3	91
260	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, 119-27	6.3	23
259	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	4.1	10
258	Dietary fat drives whole-body insulin resistance and promotes intestinal inflammation independent of body weight gain. *Metabolism: Clinical and Experimental*, **2016**, 65, 1706-1719	12.7	17
257	Marine fatty acids aggravate hepatotoxicity of HBCD in juvenile female BALB/c mice. *Food and Chemical Toxicology*, **2016**, 97, 411-423	4.7	10
256	Novel variation and de novo mutation rates in population-wide de novo assembled Danish trios. *Nature Communications*, **2015**, 6, 5969	17.4	119
255	Gut microbiome development along the colorectal adenoma-carcinoma sequence. *Nature Communications*, **2015**, 6, 6528	17.4	614
254	The oral and gut microbiomes are perturbed in rheumatoid arthritis and partly normalized after treatment. *Nature Medicine*, **2015**, 21, 895-905	50.5	849
253	Dietary n-6 PUFA, carbohydrate:protein ratio and change in body weight and waist circumference: a follow-up study. *Public Health Nutrition*, **2015**, 18, 1317-23	3.3	3
252	Polyacetylenes from carrots (Daucus carota) improve glucose uptake in vitro in adipocytes and myotubes. *Food and Function*, **2015**, 6, 2135-44	6.1	24

251	Global gene expression profiling of brown to white adipose tissue transformation in sheep reveals novel transcriptional components linked to adipose remodeling. *BMC Genomics*, **2015**, 16, 215	4.5	33
250	Dynamics and Stabilization of the Human Gut Microbiome during the First Year of Life. *Cell Host and Microbe*, **2015**, 17, 690-703	23.4	1367
249	Transcriptome profiling of brown adipose tissue during cold exposure reveals extensive regulation of glucose metabolism. *American Journal of Physiology - Endocrinology and Metabolism*, **2015**, 308, E380-92	6	86
248	A catalog of the mouse gut metagenome. *Nature Biotechnology*, **2015**, 33, 1103-8	44.5	295
247	Disentangling type 2 diabetes and metformin treatment signatures in the human gut microbiota. *Nature*, **2015**, 528, 262-266	50.4	1107
246	Medium chain fatty acids from milk induce angiopoietin-like 4 (ANGPTL4) gene expression. *International Dairy Journal*, **2015**, 42, 34-41	3.5	8
245	MicroRNA-455 regulates brown adipogenesis via a novel HIF1an-AMPK-PGC1 signaling network. *EMBO Reports*, **2015**, 16, 1378-93	6.5	100
244	Intake of hydrolyzed casein is associated with reduced body fat accretion and enhanced phase II metabolism in obesity prone C57BL/6J mice. *PLoS ONE*, **2015**, 10, e0118895	3.7	9
243	Chronic Trichuris muris Infection Decreases Diversity of the Intestinal Microbiota and Concomitantly Increases the Abundance of Lactobacilli. *PLoS ONE*, **2015**, 10, e0125495	3.7	117
242	De novo assembly of a haplotype-resolved human genome. *Nature Biotechnology*, **2015**, 33, 617-22	44.5	57
241	Intake of farmed Atlantic salmon fed soybean oil increases hepatic levels of arachidonic acid-derived oxylipins and ceramides in mice. *Journal of Nutritional Biochemistry*, **2015**, 26, 585-95	6.3	25
240	In vitro screening of inhibition of PPAR- activity as a first step in identification of potential breast carcinogens. *Human and Experimental Toxicology*, **2015**, 34, 1106-18	3.4	5
239	Aniline Is Rapidly Converted Into Paracetamol Impairing Male Reproductive Development. *Toxicological Sciences*, **2015**, 148, 288-98	4.4	41
238	Frequent alterations in cytoskeleton remodelling genes in primary and metastatic lung adenocarcinomas. *Nature Communications*, **2015**, 6, 10131	17.4	67
237	Full-length single-cell RNA-seq applied to a viral human cancer: applications to HPV expression and splicing analysis in HeLa S3 cells. *GigaScience*, **2015**, 4, 51	7.6	42
236	Tissue Inhibitor Of Matrix Metalloproteinase-1 Is Required for High-Fat Diet-Induced Glucose Intolerance and Hepatic Steatosis in Mice. *PLoS ONE*, **2015**, 10, e0132910	3.7	4
235	Scallop protein with endogenous high taurine and glycine content prevents high-fat, high-sucrose-induced obesity and improves plasma lipid profile in male C57BL/6J mice. *Amino Acids*, **2014**, 46, 1659-71	3.5	34
234	Whole-Exome Sequencing of 2,000 Danish Individuals and the Role of Rare Coding Variants in Type 2 Diabetes. *American Journal of Human Genetics*, **2014**, 94, 479	11	78

233	2-(2-Bromophenyl)-formononetin and 2-heptyl-formononetin are PPARγ partial agonists and reduce lipid accumulation in 3T3-L1 adipocytes. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 6105-11	3.4	8
232	Proteomic analysis of cAMP-mediated signaling during differentiation of 3 T3-L1 preadipocytes. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2014**, 1844, 2096-107	4	3
231	Choice of bacterial DNA extraction method from fecal material influences community structure as evaluated by metagenomic analysis. *Microbiome*, **2014**, 2, 19	16.6	167
230	Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes. *Nature Biotechnology*, **2014**, 32, 822-8	44.5	624
229	An integrated catalog of reference genes in the human gut microbiome. *Nature Biotechnology*, **2014**, 32, 834-41	44.5	1088
228	Multi-block PCA and multi-compartmental study of the metabolic responses to intake of hydrolysed versus intact casein in C57BL/6J mice by NMR-based metabolomics. *Metabolomics*, **2014** , 10, 938-949	4.7	9
227	Urinary loss of tricarboxylic acid cycle intermediates as revealed by metabolomics studies: an underlying mechanism to reduce lipid accretion by whey protein ingestion?. *Journal of Proteome Research*, **2014**, 13, 2560-70	5.6	36
226	The sheep genome illuminates biology of the rumen and lipid metabolism. *Science*, **2014**, 344, 1168-1173	33.3	294
225	Identification of odorant-receptor interactions by global mapping of the human odorome. *PLoS ONE*, **2014**, 9, e93037	3.7	32
224	A mixture of cod and scallop protein reduces adiposity and improves glucose tolerance in high-fat fed male C57BL/6J mice. *PLoS ONE*, **2014**, 9, e112859	3.7	15
223	Indomethacin treatment prevents high fat diet-induced obesity and insulin resistance but not glucose intolerance in C57BL/6J mice. *Journal of Biological Chemistry*, **2014**, 289, 16032-45	5.4	29
222	PPARγ ligand production is tightly linked to clonal expansion during initiation of adipocyte differentiation. *Journal of Lipid Research*, **2014**, 55, 2491-500	6.3	16
221	Screening for bioactive metabolites in plant extracts modulating glucose uptake and fat accumulation. *Evidence-based Complementary and Alternative Medicine*, **2014**, 2014, 156398	2.3	12
220	Isomeric C12-alkamides from the roots of Echinacea purpurea improve basal and insulin-dependent glucose uptake in 3T3-L1 adipocytes. *Planta Medica*, **2014**, 80, 1712-20	3.1	9
219	Molecular aspects of adipoepithelial transdifferentiation in mouse mammary gland. *Stem Cells*, **2014**, 32, 2756-66	5.8	37
218	Variation and association to diabetes in 2000 full mtDNA sequences mined from an exome study in a Danish population. *European Journal of Human Genetics*, **2014**, 22, 1040-5	5.3	23
217	Activation of the angiopoietin-like 4 (ANGPLT4) gene by milk fat and casein. *International Dairy Journal*, **2014**, 36, 136-142	3.5	6
216	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. *Diabetologia*, **2013**, 56, 298-310	10.3	102

215	Richness of human gut microbiome correlates with metabolic markers. *Nature*, **2013**, 500, 541-6	50.4	2584
214	Discovery of new PPARagonists based on arylopeptoids. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 4162-5	2.9	8
213	Bioactive components from flowers of Sambucus nigra L. increase glucose uptake in primary porcine myotube cultures and reduce fat accumulation in Caenorhabditis elegans. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 11033-40	5.7	53
212	Whole-exome sequencing of 2,000 Danish individuals and the role of rare coding variants in type 2 diabetes. *American Journal of Human Genetics*, **2013**, 93, 1072-86	11	109
211	A short-read multiplex sequencing method for reliable, cost-effective and high-throughput genotyping in large-scale studies. *Human Mutation*, **2013**, 34, 1715-20	4.7	37
210	Profiling of lipid species by normal-phase liquid chromatography, nanoelectrospray ionization, and ion trap-orbitrap mass spectrometry. *Analytical Biochemistry*, **2013**, 443, 88-96	3.1	23
209	Ursolic acid induces cell death and modulates autophagy through JNK pathway in apoptosis-resistant colorectal cancer cells. *Journal of Nutritional Biochemistry*, **2013**, 24, 706-12	6.3	78
208	Discovery of a novel selective PPARligand with partial agonist binding properties by integrated in silico/in vitro work flow. *Journal of Chemical Information and Modeling*, **2013**, 53, 923-37	6.1	25
207	Dietary eicosapentaenoic acid supplementation accentuates hepatic triglyceride accumulation in mice with impaired fatty acid oxidation capacity. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2013**, 1831, 291-9	5	29
206	2-heptyl-formononetin increases cholesterol and induces hepatic steatosis in mice. *BioMed Research International*, **2013**, 2013, 926942	3	9
205	Genetic architecture of vitamin B12 and folate levels uncovered applying deeply sequenced large datasets. *PLoS Genetics*, **2013**, 9, e1003530	6	72
204	Hydrolyzed casein reduces diet-induced obesity in male C57BL/6J mice. *Journal of Nutrition*, **2013**, 143, 1367-75	4.1	30
203	Intake of farmed Atlantic salmon fed soybean oil increases insulin resistance and hepatic lipid accumulation in mice. *PLoS ONE*, **2013**, 8, e53094	3.7	31
202	Inversin/Nephrocystin-2 is required for fibroblast polarity and directional cell migration. *PLoS ONE*, **2013**, 8, e60193	3.7	37
201	Dietary Linoleic Acid Elevates Endogenous Endocannabinoids (2-AG and Anandamide) and Induces Obesity. *FASEB Journal*, **2013**, 27, 48.3	0.9	1
200	Mammalian tissues defective in nonsense-mediated mRNA decay display highly aberrant splicing patterns. *Genome Biology*, **2012**, 13, R35	18.3	90
199	Plant extracts of winter savory, purple coneflower, buckwheat and black elder activate PPAR-In COS-1 cells but do not lower blood glucose in Db/db mice in vivo. *Plant Foods for Human Nutrition*, **2012**, 67, 377-83	3.9	6
198	A metagenome-wide association study of gut microbiota in type 2 diabetes. *Nature*, **2012**, 490, 55-60	50.4	3779

197	A comparative analysis of the intestinal metagenomes present in guinea pigs (Cavia porcellus) and humans (Homo sapiens). *BMC Genomics*, **2012**, 13, 514	4.5	35
196	PPARgamma-PGC-1alpha activity is determinant of alcohol related breast cancer. *Cancer Letters*, **2012**, 315, 59-68	9.9	26
195	Single-cell exome sequencing reveals single-nucleotide mutation characteristics of a kidney tumor. *Cell*, **2012**, 148, 886-95	56.2	511
194	Single-cell exome sequencing and monoclonal evolution of a JAK2-negative myeloproliferative neoplasm. *Cell*, **2012**, 148, 873-85	56.2	431
193	Single-cell sequencing analysis characterizes common and cell-lineage-specific mutations in a muscle-invasive bladder cancer. *GigaScience*, **2012**, 1, 12	7.6	82
192	Dietary linoleic acid elevates endogenous 2-AG and anandamide and induces obesity. *Obesity*, **2012**, 20, 1984-94	8	174
191	Mdm2 controls CREB-dependent transactivation and initiation of adipocyte differentiation. *Cell Death and Differentiation*, **2012**, 19, 1381-9	12.7	30
190	Transcriptome and network changes in climbers at extreme altitudes. *PLoS ONE*, **2012**, 7, e31645	3.7	16
189	Activation of protein kinase A and exchange protein directly activated by cAMP promotes adipocyte differentiation of human mesenchymal stem cells. *PLoS ONE*, **2012**, 7, e34114	3.7	36
188	High-glycemic index carbohydrates abrogate the antiobesity effect of fish oil in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 302, E1097-112	6	32
187	Of mice and men: Factors abrogating the antiobesity effect of omega-3 fatty acids. *Adipocyte*, **2012**, 1, 173-176	3.2	12
186	Frequent mutations of genes encoding ubiquitin-mediated proteolysis pathway components in clear cell renal cell carcinoma. *Nature Genetics*, **2011**, 44, 17-9	36.3	248
185	Resequencing 50 accessions of cultivated and wild rice yields markers for identifying agronomically important genes. *Nature Biotechnology*, **2011**, 30, 105-11	44.5	635
184	Frequent mutations of chromatin remodeling genes in transitional cell carcinoma of the bladder. *Nature Genetics*, **2011**, 43, 875-8	36.3	554
183	Structural variation in two human genomes mapped at single-nucleotide resolution by whole genome de novo assembly. *Nature Biotechnology*, **2011**, 29, 723-30	44.5	99
182	Sucrose counteracts the anti-inflammatory effect of fish oil in adipose tissue and increases obesity development in mice. *PLoS ONE*, **2011**, 6, e21647	3.7	40
181	Corticosteroid regulation of Na(+),K(+)-ATPase 1-isoform expression in Atlantic salmon gill during smolt development. *General and Comparative Endocrinology*, **2011**, 170, 283-9	3	20
180	An Aboriginal Australian genome reveals separate human dispersals into Asia. *Science*, **2011**, 334, 94-8	33.3	528

179	Pharmacophore-driven identification of PPAR agonists from natural sources. *Journal of Computer-Aided Molecular Design*, **2011**, 25, 107-16	4.2	38
178	A Sleeping Beauty DNA transposon-based genetic sensor for functional screening of vitamin D3 analogues. *BMC Biotechnology*, **2011**, 11, 33	3.5	9
177	Transcriptional regulatory program in wild-type and retinoblastoma gene-deficient mouse embryonic fibroblasts during adipocyte differentiation. *BMC Research Notes*, **2011**, 4, 157	2.3	10
176	Insulin/IGF-I regulation of necdin and brown adipocyte differentiation via CREB- and FoxO1-associated pathways. *Endocrinology*, **2011**, 152, 3680-9	4.8	39
175	Nutritional regulation of bile acid metabolism is associated with improved pathological characteristics of the metabolic syndrome. *Journal of Biological Chemistry*, **2011**, 286, 28382-95	5.4	51
174	Depot-dependent effects of adipose tissue explants on co-cultured hepatocytes. *PLoS ONE*, **2011**, 6, e20917	3.7	19
173	The sequence and de novo assembly of the giant panda genome. *Nature*, **2010**, 463, 311-7	50.4	864
172	A human gut microbial gene catalogue established by metagenomic sequencing. *Nature*, **2010**, 464, 59-65	50.4	7044
171	Ancient human genome sequence of an extinct Palaeo-Eskimo. *Nature*, **2010**, 463, 757-62	50.4	567
170	Building the sequence map of the human pan-genome. *Nature Biotechnology*, **2010**, 28, 57-63	44.5	180
169	Single base-resolution methylome of the silkworm reveals a sparse epigenomic map. *Nature Biotechnology*, **2010**, 28, 516-20	44.5	288
168	Resequencing of 200 human exomes identifies an excess of low-frequency non-synonymous coding variants. *Nature Genetics*, **2010**, 42, 969-72	36.3	264
167	The importance of dietary modulation of cAMP and insulin signaling in adipose tissue and the development of obesity. *Annals of the New York Academy of Sciences*, **2010**, 1190, 1-14	6.5	35
166	UCP1 induction during recruitment of brown adipocytes in white adipose tissue is dependent on cyclooxygenase activity. *PLoS ONE*, **2010**, 5, e11391	3.7	155
165	Persistent organic pollutant exposure leads to insulin resistance syndrome. *Environmental Health Perspectives*, **2010**, 118, 465-71	8.4	282
164	Deep RNA sequencing at single base-pair resolution reveals high complexity of the rice transcriptome. *Genome Research*, **2010**, 20, 646-54	9.7	375
163	Cross talk between insulin and bone morphogenetic protein signaling systems in brown adipogenesis. *Molecular and Cellular Biology*, **2010**, 30, 4224-33	4.8	53
162	Archaeology Augments Tibet's Genetic History--Response. *Science*, **2010**, 329, 1467-1468	33.3	3

161	Epidermis-type lipoxygenase 3 regulates adipocyte differentiation and peroxisome proliferator-activated receptor gamma activity. *Molecular and Cellular Biology*, **2010**, 30, 4077-91	4.8	41
160	The DNA methylome of human peripheral blood mononuclear cells. *PLoS Biology*, **2010**, 8, e1000533	9.7	256
159	Structure-Activity Study of Dihydrocinnamic Acids and Discovery of the Potent FFA1 (GPR40) Agonist TUG-469. *ACS Medicinal Chemistry Letters*, **2010**, 1, 345-9	4.3	53
158	Activation of the nuclear receptor PPAR by metabolites isolated from sage (Salvia officinalis L.). *Journal of Ethnopharmacology*, **2010**, 132, 127-33	5	49
157	ADD1/SREBP1c activates the PGC1-alpha promoter in brown adipocytes. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2010**, 1801, 421-9	5	19
156	beta-oxidation modulates metabolic competition between eicosapentaenoic acid and arachidonic acid regulating prostaglandin E(2) synthesis in rat hepatocytes-Kupffer cells. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2010**, 1801, 526-36	5	18
155	De novo assembly of human genomes with massively parallel short read sequencing. *Genome Research*, **2010**, 20, 265-72	9.7	2084
154	Sequencing of 50 human exomes reveals adaptation to high altitude. *Science*, **2010**, 329, 75-8	33.3	1020
153	Quercetin enhances adiponectin secretion by a PPAR-gamma independent mechanism. *European Journal of Pharmaceutical Sciences*, **2010**, 41, 16-22	5.1	70
152	Identification of bioactive compounds from flowers of black elder (Sambucus nigra L.) that activate the human peroxisome proliferator-activated receptor (PPAR) gamma. *Phytotherapy Research*, **2010**, 24 Suppl 2, S129-32	6.7	51
151	SNP detection for massively parallel whole-genome resequencing. *Genome Research*, **2009**, 19, 1124-32	9.7	734
150	Haploinsufficiency of the retinoblastoma protein gene reduces diet-induced obesity, insulin resistance, and hepatosteatosis in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 297, E184-93	6	36
149	Human multipotent adipose-derived stem cells differentiate into functional brown adipocytes. *Stem Cells*, **2009**, 27, 2753-60	5.8	198
148	Identification of plant extracts with potential antidiabetic properties: effect on human peroxisome proliferator-activated receptor (PPAR), adipocyte differentiation and insulin-stimulated glucose uptake. *Phytotherapy Research*, **2009**, 23, 1316-25	6.7	49
147	The genome of the cucumber, Cucumis sativus L. *Nature Genetics*, **2009**, 41, 1275-81	36.3	1031
146	Activation of PPARgamma by metabolites from the flowers of purple coneflower (Echinacea purpurea). *Journal of Natural Products*, **2009**, 72, 933-7	4.9	27
145	Fish protein hydrolysate elevates plasma bile acids and reduces visceral adipose tissue mass in rats. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2009**, 1791, 254-62	5	84
144	SOAP2: an improved ultrafast tool for short read alignment. *Bioinformatics*, **2009**, 25, 1966-7	7.2	2784

143	The tumor suppressors pRB and p53 as regulators of adipocyte differentiation and function. *Expert Opinion on Therapeutic Targets*, **2009**, 13, 235-46	6.4	44
142	The diploid genome sequence of an Asian individual. *Nature*, **2008**, 456, 60-5	50.4	744
141	HDAC activity is required for p65/RelA-dependent repression of PPARdelta-mediated transactivation in human keratinocytes. *Journal of Investigative Dermatology*, **2008**, 128, 1095-106	4.3	18
140	Discovery of novel PPAR ligands by a virtual screening approach based on pharmacophore modeling, 3D shape, and electrostatic similarity screening. *Journal of Medicinal Chemistry*, **2008**, 51, 6303-17	8.2	60
139	Cyclic AMP (cAMP)-mediated stimulation of adipocyte differentiation requires the synergistic action of Epac- and cAMP-dependent protein kinase-dependent processes. *Molecular and Cellular Biology*, **2008**, 28, 3804-16	4.8	115
138	SOAP: short oligonucleotide alignment program. *Bioinformatics*, **2008**, 24, 713-4	7.2	2000
137	Macronutrients and obesity: views, news and reviews. *Future Lipidology*, **2008**, 3, 43-74		6
136	Activation of liver X receptors prevents statin-induced death of 3T3-L1 preadipocytes. *Journal of Biological Chemistry*, **2008**, 283, 22723-36	5.4	3
135	cAMP-dependent signaling regulates the adipogenic effect of n-6 polyunsaturated fatty acids. *Journal of Biological Chemistry*, **2008**, 283, 7196-205	5.4	62
134	TreeFam: 2008 Update. *Nucleic Acids Research*, **2008**, 36, D735-40	20.1	234
133	Evolution of genes and genomes on the Drosophila phylogeny. *Nature*, **2007**, 450, 203-18	50.4	1586
132	Hormone receptors in gills of smolting Atlantic salmon, Salmo salar: expression of growth hormone, prolactin, mineralocorticoid and glucocorticoid receptors and 11beta-hydroxysteroid dehydrogenase type 2. *General and Comparative Endocrinology*, **2007**, 152, 295-303	3	61
131	Role of epidermis-type lipoxygenases for skin barrier function and adipocyte differentiation. *Prostaglandins and Other Lipid Mediators*, **2007**, 82, 128-34	3.7	30
130	FGF: a web tool for Fishing Gene Family in a whole genome database. *Nucleic Acids Research*, **2007**, 35, W121-5	20.1	4
129	Cortisol regulation of ion transporter mRNA in Atlantic salmon gill and the effect of salinity on the signaling pathway. *Journal of Endocrinology*, **2007**, 194, 417-27	4.7	96
128	All-trans retinoic acid increases oxidative metabolism in mature adipocytes. *Cellular Physiology and Biochemistry*, **2007**, 20, 1061-72	3.9	63
127	Regulatory circuits controlling white versus brown adipocyte differentiation. *Biochemical Journal*, **2006**, 398, 153-68	3.8	141
126	Pocket proteins control white versus brown fat cell differentiation. *Cell Cycle*, **2006**, 5, 341-2	4.7	2

125	Peroxisome proliferator-activated receptor gamma recruits the positive transcription elongation factor b complex to activate transcription and promote adipogenesis. *Molecular Endocrinology*, **2006**, 20, 1494-505		91
124	Peroxisome proliferator-activated receptor alpha, delta, gamma1 and gamma2 expressions are present in human monocyte-derived dendritic cells and modulate dendritic cell maturation by addition of subtype-specific ligands. *Scandinavian Journal of Immunology*, **2006**, 63, 330-7	3.4	38
123	Characterization of two isoalleles and three mutations in both isoforms of purified recombinant human porphobilinogen deaminase. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2005**, 65, 93-105	2	5
122	Regulation of adipocyte differentiation and function by polyunsaturated fatty acids. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2005**, 1740, 266-86	6.9	189
121	The mitogen-activated protein kinases p38 and ERK1/2 are increased in lesional psoriatic skin. *British Journal of Dermatology*, **2005**, 152, 37-42	4	154
120	Inverse regulation of the nuclear factor-kappaB binding to the p53 and interleukin-8 kappaB response elements in lesional psoriatic skin. *Journal of Investigative Dermatology*, **2005**, 124, 1284-92	4.3	48
119	Site-specific strand bias in gene correction using single-stranded oligonucleotides. *Journal of Molecular Medicine*, **2005**, 83, 39-49	5.5	18
118	Effects of Wnt signaling on brown adipocyte differentiation and metabolism mediated by PGC-1alpha. *Molecular and Cellular Biology*, **2005**, 25, 1272-82	4.8	97
117	Delta-interacting protein A, a new inhibitory partner of CCAAT/enhancer-binding protein beta, implicated in adipocyte differentiation. *Journal of Biological Chemistry*, **2005**, 280, 11432-8	5.4	29
116	Origin and evolution of new exons in rodents. *Genome Research*, **2005**, 15, 1258-64	9.7	79
115	Increased levels of PPARbeta/delta and cyclin D1 in flat dysplastic ACF and adenomas in Apc(Min/+) mice. *Anticancer Research*, **2005**, 25, 3781-9	2.3	18
114	Novel Function of the Retinoblastoma Protein in Fat: Regulation of White Versus Brown Adipocyte Differentiation. *Cell Cycle*, **2004**, 3, 772-776	4.7	17
113	Retinoblastoma protein functions as a molecular switch determining white versus brown adipocyte differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 4112-7	11.5	231
112	Novel function of the retinoblastoma protein in fat: regulation of white versus brown adipocyte differentiation. *Cell Cycle*, **2004**, 3, 774-8	4.7	10
111	Adipocyte differentiation of 3T3-L1 preadipocytes is dependent on lipoxygenase activity during the initial stages of the differentiation process. *Biochemical Journal*, **2003**, 375, 539-49	3.8	113
110	Genomic structure of the human mitochondrial chaperonin genes: HSP60 and HSP10 are localised head to head on chromosome 2 separated by a bidirectional promoter. *Human Genetics*, **2003**, 112, 71-7	6.3	118
109	Genomic structure of the human mitochondrial chaperonin genes: HSP60 and HSP10 are localised head to head on chromosome 2 separated by a bidirectional promoter. *Human Genetics*, **2003**, 112, 436	6.3	1
108	1alpha,25-dihydroxyvitamin D3 stimulates activator protein 1 DNA-binding activity by a phosphatidylinositol 3-kinase/Ras/MEK/extracellular signal regulated kinase 1/2 and c-Jun N-terminal kinase 1-dependent increase in c-Fos, Fra1, and c-Jun expression in human keratinocytes. *Journal of Investigative Dermatology*, **2003**, 120, 561-70	4.3	44

107	Expression and localization of peroxisome proliferator-activated receptors and nuclear factor kappaB in normal and lesional psoriatic skin. *Journal of Investigative Dermatology*, **2003**, 121, 1104-17	4.3	91
106	Tissue distribution, intracellular localization and proteolytic processing of rat 4-hydroxyphenylpyruvate dioxygenase. *Cell Biology International*, **2003**, 27, 611-24	4.5	21
105	Roles of peroxisome proliferator-activated receptors delta and gamma in myoblast transdifferentiation. *Experimental Cell Research*, **2003**, 288, 168-76	4.2	50
104	Protein expression in yeasts. *Methods in Molecular Biology*, **2003**, 232, 111-25	1.4	2
103	Nutritional regulation and role of peroxisome proliferator-activated receptor delta in fatty acid catabolism in skeletal muscle. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2003**, 1633, 43-50	5	141
102	Arachidonic acid-dependent inhibition of adipocyte differentiation requires PKA activity and is associated with sustained expression of cyclooxygenases. *Journal of Lipid Research*, **2003**, 44, 2320-30	6.3	49
101	Insulin-like growth factor-1/insulin bypasses Pref-1/FA1-mediated inhibition of adipocyte differentiation. *Journal of Biological Chemistry*, **2003**, 278, 20906-14	5.4	43
100	Analysis of beta-catenin, Ki-ras, and microsatellite stability in azoxymethane-induced colon tumors of BDIX/Orl Ico rats. *Comparative Medicine*, **2003**, 53, 633-8	1.6	
99	Opposing effects of fatty acids and acyl-CoA esters on conformation and cofactor recruitment of peroxisome proliferator-activated receptors. *Annals of the New York Academy of Sciences*, **2002**, 967, 431-9	6.5	13
98	Expression and post-translational modification of human 4-hydroxy-phenylpyruvate dioxygenase. *Cell Biology International*, **2002**, 26, 615-25	4.5	5
97	Role of adipocyte lipid-binding protein (ALBP) and acyl-CoA binding protein (ACBP) in PPAR-mediated transactivation. *Molecular and Cellular Biochemistry*, **2002**, 239, 157-164	4.2	21
96	Inhibition of adipocyte differentiation by resistin-like molecule alpha. Biochemical characterization of its oligomeric nature. *Journal of Biological Chemistry*, **2002**, 277, 42011-6	5.4	51
95	A proteomic approach for identification of secreted proteins during the differentiation of 3T3-L1 preadipocytes to adipocytes. *Molecular and Cellular Proteomics*, **2002**, 1, 213-22	7.6	202
94	Deregulated MAPK activity prevents adipocyte differentiation of fibroblasts lacking the retinoblastoma protein. *Journal of Biological Chemistry*, **2002**, 277, 26335-9	5.4	32
93	The gene encoding the Acyl-CoA-binding protein is activated by peroxisome proliferator-activated receptor gamma through an intronic response element functionally conserved between humans and rodents. *Journal of Biological Chemistry*, **2002**, 277, 26821-30	5.4	89
92	Microarray analyses during adipogenesis: understanding the effects of Wnt signaling on adipogenesis and the roles of liver X receptor alpha in adipocyte metabolism. *Molecular and Cellular Biology*, **2002**, 22, 5989-99	4.8	209
91	Nuclear receptor corepressor-dependent repression of peroxisome-proliferator-activated receptor delta-mediated transactivation. *Biochemical Journal*, **2002**, 363, 157-65	3.8	53
90	Genomic organization of the mouse peroxisome proliferator-activated receptor beta/delta gene: alternative promoter usage and splicing yield transcripts exhibiting differential translational efficiency. *Biochemical Journal*, **2002**, 366, 767-75	3.8	39

89	Nuclear receptor corepressor-dependent repression of peroxisome-proliferator-activated receptor delta-mediated transactivation. *Biochemical Journal*, **2002**, 363, 157-165	3.8	83
88	The retinoblastoma-histone deacetylase 3 complex inhibits PPARgamma and adipocyte differentiation. *Developmental Cell*, **2002**, 3, 903-10	10.2	234
87	Role of adipocyte lipid-binding protein (ALBP) and acyl-CoA binding protein (ACBP) in PPAR-mediated transactivation **2002**, 157-164		3
86	Tetradecylthioacetic acid prevents high fat diet induced adiposity and insulin resistance. *Journal of Lipid Research*, **2002**, 43, 742-750	6.3	44
85	Tetradecylthioacetic acid prevents high fat diet induced adiposity and insulin resistance. *Journal of Lipid Research*, **2002**, 43, 742-50	6.3	41
84	Role of adipocyte lipid-binding protein (ALBP) and acyl-coA binding protein (ACBP) in PPAR-mediated transactivation. *Molecular and Cellular Biochemistry*, **2002**, 239, 157-64	4.2	12
83	Protein-binding elements in the proximal parotid secretory protein gene enhancer essential for salivary-gland-specific expression. *Biochemical Journal*, **2001**, 357, 537-44	3.8	
82	Protein-binding elements in the proximal parotid secretory protein gene enhancer essential for salivary-gland-specific expression. *Biochemical Journal*, **2001**, 357, 537-544	3.8	
81	Optimization of methods and treatment conditions for studying effects of fatty acids on cell growth. *Lipids*, **2001**, 36, 305-13	1.6	17
80	Modulation of keratinocyte gene expression and differentiation by PPAR-selective ligands and tetradecylthioacetic acid. *Journal of Investigative Dermatology*, **2001**, 116, 702-12	4.3	187
79	Cell death in Tetrahymena thermophila: new observations on culture conditions. *Cell Biology International*, **2001**, 25, 509-19	4.5	20
78	Automatic inducer addition and harvesting of recombinant Escherichia coli cultures based on indirect on-line estimation of biomass concentration and specific growth rate. *Biotechnology and Bioengineering*, **2001**, 75, 355-61	4.9	11
77	Peroxisome proliferator-activated receptor delta (PPARdelta)-mediated regulation of preadipocyte proliferation and gene expression is dependent on cAMP signaling. *Journal of Biological Chemistry*, **2001**, 276, 3175-82	5.4	139
76	Tetradecylthioacetic acid inhibits growth of rat glioma cells ex vivo and in vivo via PPAR-dependent and PPAR-independent pathways. *Carcinogenesis*, **2001**, 22, 1747-55	4.6	56
75	Acyl-CoA esters antagonize the effects of ligands on peroxisome proliferator-activated receptor alpha conformation, DNA binding, and interaction with Co-factors. *Journal of Biological Chemistry*, **2001**, 276, 21410-6	5.4	37
74	Use of microsatellite markers for identification of indigenous brown trout in a geographical region heavily influenced by stocked domesticated trout. *Journal of Fish Biology*, **2001**, 58, 1197-1210	1.9	16
73	The Tetrahymena homolog of bacterial and mammalian 4-hydroxyphenylpyruvate dioxygenases localizes to membranes of the endoplasmic reticulum. *Cell Biology International*, **2000**, 23, 719-28	4.5	
72	Ribosome synthesis in Tetrahymena: a quantitative analysis. *Cell Biology International*, **2000**, 23, 729-38	4.5	1

71	Lipid-binding proteins modulate ligand-dependent trans-activation by peroxisome proliferator-activated receptors and localize to the nucleus as well as the cytoplasm. *Journal of Lipid Research*, **2000**, 41, 1740-1751	6.3	84
70	Long-chain acyl-CoA esters and acyl-CoA binding protein are present in the nucleus of rat liver cells. *Journal of Lipid Research*, **2000**, 41, 538-545	6.3	40
69	Activation of peroxisome proliferator-activated receptor gamma bypasses the function of the retinoblastoma protein in adipocyte differentiation. *Journal of Biological Chemistry*, **1999**, 274, 2386-93	5.4	122
68	Rapid identification of DNA-binding proteins by mass spectrometry. *Nature Biotechnology*, **1999**, 17, 884-8	44.5	67
67	The formation of a native-like structure containing eight conserved hydrophobic residues is rate limiting in two-state protein folding of ACBP. *Nature Structural Biology*, **1999**, 6, 594-601		120
66	Effects of insulin-like growth factor-I and cortisol on Na+, K+-ATPase expression in osmoregulatory tissues of brown trout (Salmo trutta). *General and Comparative Endocrinology*, **1999**, 113, 331-42	3	83
65	Microaffinity columns for analysis of protein-protein interactions. *Analytical Biochemistry*, **1999**, 271, 102-5	3.1	10
64	Cloning and characterization of the gene encoding the highly expressed ribosomal protein l3 of the ciliated protozoan Tetrahymena thermophila. Evidence for differential codon usage in highly expressed genes. *Cell Biology International*, **1999**, 23, 551-60	4.5	9
63	Conserved residues and their role in the structure, function, and stability of acyl-coenzyme A binding protein. *Biochemistry*, **1999**, 38, 2386-94	3.2	59
62	Staurosporine-induced cell death in Tetrahymena thermophila has mixed characteristics of both apoptotic and autophagic degeneration. *Cell Biology International*, **1998**, 22, 591-8	4.5	49
61	Osmoregulation and salinity effects on the expression and activity of Na+,K(+)-ATPase in the gills of European sea bass, Dicentrarchus labrax (L.). *The Journal of Experimental Zoology*, **1998**, 282, 290-300		155
60	DNA sequence analysis by MALDI mass spectrometry. *Nucleic Acids Research*, **1998**, 26, 2554-9	20.1	86
59	An improved PCR-based method for site directed mutagenesis using megaprimers. *Molecular and Cellular Probes*, **1998**, 12, 345-8	3.3	57
58	Inhibition of 3T3-L1 adipocyte differentiation by expression of acyl-CoA-binding protein antisense RNA. *Journal of Biological Chemistry*, **1998**, 273, 23897-903	5.4	49
57	A human homologue of Escherichia coli ClpP caseinolytic protease: recombinant expression, intracellular processing and subcellular localization. *Biochemical Journal*, **1998**, 331 (Pt 1), 309-16	3.8	59
56	A common W556S mutation in the LDL receptor gene of Danish patients with familial hypercholesterolemia encodes a transport-defective protein. *Atherosclerosis*, **1997**, 131, 67-72	3.1	28
55	Saccharomyces carlsbergensis contains two functional genes encoding the acyl-CoA binding protein, one similar to the ACB1 gene from S. cerevisiae and one identical to the ACB1 gene from S. monacensis. *Yeast*, **1997**, 13, 1409-21	3.4	43
54	Saccharomyces carlsbergensis contains two functional genes encoding the Acyl-CoA binding protein, one similar to the ACB1 gene from S. cerevisiae and one identical to the ACB1 gene from S. monacensis **1997**, 13, 1409		2

53	Regulatory elements in the promoter region of the rat gene encoding the acyl-CoA-binding protein. *Gene*, **1996**, 173, 233-8	3.8	22
52	Structure of the rat gene encoding the multifunctional acyl-CoA-binding protein: conservation of intron 1 sequences in rodents and man. Addendum. *Gene*, **1996**, 173, 239-40	3.8	3
51	An LDL receptor promoter mutation in a heterozygous FH patient with dramatically skewed ratio between the two allelic mRNA variants. *Human Mutation*, **1996**, 7, 82-4	4.7	10
50	Disruption of the gene encoding the acyl-CoA-binding protein (ACB1) perturbs acyl-CoA metabolism in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **1996**, 271, 22514-21	5.4	103
49	Cloning and characterization of human very-long-chain acyl-CoA dehydrogenase cDNA, chromosomal assignment of the gene and identification in four patients of nine different mutations within the VLCAD gene. *Human Molecular Genetics*, **1996**, 5, 461-72	5.6	92
48	Phenotypic presentation of the FH-Cincinnati type 5 low density lipoprotein receptor mutation. *Scandinavian Journal of Clinical and Laboratory Investigation*, **1996**, 56, 75-85	2	2
47	7-Deaza purine bases offer a higher ion stability in the analysis of DNA by matrix-assisted laser desorption/ionization mass spectrometry. *Rapid Communications in Mass Spectrometry*, **1995**, 9, 525-31	2.2	73
46	Evaluation of mass spectrometric techniques for characterization of engineered proteins. *Molecular Biotechnology*, **1995**, 4, 1-12	3	14
45	The phosphorylated ribosomal protein S7 in Tetrahymena is homologous with mammalian S4 and the phosphorylated residues are located in the C-terminal region. Structural characterization of proteins separated by two-dimensional polyacrylamide gel electrophoresis. *Journal of Biological Chemistry*, **1995**, 270, 6000-5	5.4	14
44	Transcription in vitro of Tetrahymena class II and class III genes. *Journal of Biological Chemistry*, **1995**, 270, 7601-8	5.4	3
43	Improved quantification of stress proteins by western blotting. *Analytica Chimica Acta*, **1995**, 311, 109-114	4.6	10
42	Genetic diagnosis with the denaturing gradient gel electrophoresis technique improves diagnostic precision in familial hypercholesterolemia. *Circulation*, **1995**, 91, 1641-6	16.7	7
41	Adipocyte Differentiation is Dependent on the Induction of the Acyl-CoA Binding Protein **1995**, 365-374		1
40	Matrix assisted laser desorption/ionization mass spectrometry of enzymatically synthesized RNA up to 150 kDa. *Nucleic Acids Research*, **1994**, 22, 3866-70	20.1	89
39	Detection of a single base deletion in codon 424 of the low density lipoprotein receptor gene in a Danish family with familial hypercholesterolemia. *Atherosclerosis*, **1994**, 111, 209-15	3.1	8
38	Ion stability of nucleic acids in infrared matrix-assisted laser desorption/ionization mass spectrometry. *Nucleic Acids Research*, **1993**, 21, 3347-57	20.1	175
37	Genome organization and expression of the rat ACBP gene family. *Molecular and Cellular Biochemistry*, **1993**, 123, 55-61	4.2	13
36	The function of acyl-CoA-binding protein (ACBP)/diazepam binding inhibitor (DBI). *Molecular and Cellular Biochemistry*, **1993**, 123, 129-38	4.2	109

35	The Phosphorylated Ribosomal Protein in Tetrahymena is Homologous with Mammalian Ribosomal Protein S4 **1993**, 321-324		
34	Genome organization and expression of the rat ACBP gene family **1993**, 55-61		
33	The function of acyl-CoA-binding protein (ACBP)/Diazepam binding inhibitor (DBI) **1993**, 129-138		2
32	Tetrahymena gene encodes a protein that is homologous with the liver-specific F-antigen and associated with membranes of the Golgi apparatus and transport vesicles. *Journal of Molecular Biology*, **1992**, 228, 850-61	6.5	14
31	Acyl-CoA-binding protein/diazepam-binding inhibitor gene and pseudogenes. A typical housekeeping gene family. *Journal of Molecular Biology*, **1992**, 228, 1011-22	6.5	102
30	Chromatin structure and conserved sequence elements in genes encoding ribosomal proteins in Tetrahymena thermophila. *FEBS Journal*, **1992**, 210, 621-7		2
29	Lymphocytic 2',5'-oligoadenylate synthetase is insensitive to dsRNA and interferon stimulation in autoimmune BB rats. *Journal of Interferon Research*, **1991**, 11, 351-6		7
28	Tetrahymena thermophila acidic ribosomal protein L37 contains an archaebacterial type of C-terminus. *Gene*, **1991**, 105, 143-50	3.8	24
27	Structure and evolution of the Tetrahymena thermophila gene encoding ribosomal protein L21. *Gene*, **1991**, 98, 161-7	3.8	18
26	The increases in the rates of synthesis of ribosomal proteins and ribosomal RNA during refeeding of starved Tetrahymena cells are not dependent on DNA replication. *Experimental Cell Research*, **1986**, 164, 471-80	4.2	1
25	An intron in a ribosomal protein gene from Tetrahymena. *EMBO Journal*, **1986**, 5, 2711-2717	13	23
24	Regulation of ribosome synthesis in Tetrahymena pyriformis. 1. Coordination of synthesis of ribosomal proteins and ribosomal RNA during nutritional shift-down. *FEBS Journal*, **1984**, 140, 469-75		20
23	Regulation of ribosome synthesis in Tetrahymena pyriformis. 2. Coordination of synthesis of ribosomal proteins and ribosomal RNA during nutritional shift-up. *FEBS Journal*, **1984**, 140, 477-83		13
22	Regulation of ribosome synthesis in Tetrahymena pyriformis. 3. Analysis by translation in vitro of RNA isolated during nutritional shift-down and nutritional shift-up. *FEBS Journal*, **1984**, 140, 485-92		14
21	Characterization of acidic 60 S ribosomal proteins in Tetrahymena pyriformis. *FEBS Letters*, **1979**, 107, 343-7	3.8	14
20	Phosphorylation and degradation of ribosomes in starved Tetrahymena pyriformis. *Experimental Cell Research*, **1979**, 118, 159-69	4.2	27
19	RELATION OF PROTEIN SYNTHESIS TO THE CONTENT OF ADENOSINE POLYPHOSPHATES **1979**, 233-248		8
18	Conservation of active ribosomes in acetone-treated cells of Tetrahymena pyriformis. *FEBS Journal*, **1978**, 83, 389-94		8

17	Phosphorylation in vivo of Ribosomes in Tetrahymena pyriformis. *FEBS Journal*, **1978**, 83, 395-403		35
16	Ribosomal proteins in growing and starved Tetrahymena pyriformis. Starvation-induced phosphorylation of ribosomal proteins. *Nucleic Acids and Protein Synthesis*, **1978**, 521, 435-51		24
15	Modification of cysteine residues with sodium 2-bromoethanesulfonate. The application of S-sulfoethylated peptides in automatic Edman degradation. *FEBS Journal*, **1974**, 46, 547-51		14
14	M-GWAS for the Gut Microbiome in Chinese Adults Illuminates on Complex Diseases. *SSRN Electronic Journal*,	1	4
13	The female urinary microbiota in relation to the reproductive tract microbiota. *GigaByte*,2020, 1-9		3
12	M-GWAS for the gut microbiome in Chinese adults illuminates on complex diseases		1
11	Identification of gut microbiome markers for schizophrenia delineates a potential role of Streptococcus		1
10	A simple bead-based method for generating cost-effective co-barcoded sequence reads. *Protocol Exchange*,		2
9	Dampened PI3K/AKT signaling contributes to cancer resistance of the naked mole rat		2
8	Inter-determination of blood metabolite levels and gut microbiome supported by Mendelian randomization		5
7	An expanded gene catalog of the mouse gut metagenome		1
6	A catalog of microbial genes from the bovine rumen unveils a specialized and diverse biomass-degrading environment		1
5	The vagino-cervical microbiome as a woman□ life history		4
4	A multi-omic cohort as a reference point for promoting a healthy human gut microbiome		7
3	Age-dependent sexual dimorphism in the adult human gut microbiota		2
2	Over 50000 metagenomically assembled draft genomes for the human oral microbiome reveal new taxa		3
1	Lysates ofMethylococcus capsulatusBath induce a lean-like microbiota, intestinal FoxP3+ROR□+IL-17+Tregs and improve metabolism		2