

Karsten Kristiansen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5278800/karsten-kristiansen-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A human gut microbial gene catalogue established by metagenomic sequencing. <i>Nature</i> , 2010 , 464, 59-65	50.4	7044
411	A metagenome-wide association study of gut microbiota in type 2 diabetes. <i>Nature</i> , 2012 , 490, 55-60	50.4	3779
410	SOAP2: an improved ultrafast tool for short read alignment. <i>Bioinformatics</i> , 2009 , 25, 1966-7	7.2	2784
409	Richness of human gut microbiome correlates with metabolic markers. <i>Nature</i> , 2013 , 500, 541-6	50.4	2584
408	De novo assembly of human genomes with massively parallel short read sequencing. <i>Genome Research</i> , 2010 , 20, 265-72	9.7	2084
407	SOAP: short oligonucleotide alignment program. <i>Bioinformatics</i> , 2008 , 24, 713-4	7.2	2000
406	Evolution of genes and genomes on the Drosophila phylogeny. <i>Nature</i> , 2007 , 450, 203-18	50.4	1586
405	Dynamics and Stabilization of the Human Gut Microbiome during the First Year of Life. <i>Cell Host and Microbe</i> , 2015 , 17, 690-703	23.4	1367
404	Taxonomic structure and functional association of foxtail millet root microbiome. <i>GigaScience</i> , 2017 , 6, 1-12	7.6	1155
403	Disentangling type 2 diabetes and metformin treatment signatures in the human gut microbiota. <i>Nature</i> , 2015 , 528, 262-266	50.4	1107
402	An integrated catalog of reference genes in the human gut microbiome. <i>Nature Biotechnology</i> , 2014 , 32, 834-41	44.5	1088
401	The genome of the cucumber, <i>Cucumis sativus</i> L. <i>Nature Genetics</i> , 2009 , 41, 1275-81	36.3	1031
400	Sequencing of 50 human exomes reveals adaptation to high altitude. <i>Science</i> , 2010 , 329, 75-8	33.3	1020
399	Human gut microbes impact host serum metabolome and insulin sensitivity. <i>Nature</i> , 2016 , 535, 376-81	50.4	977
398	The sequence and de novo assembly of the giant panda genome. <i>Nature</i> , 2010 , 463, 311-7	50.4	864
397	The oral and gut microbiomes are perturbed in rheumatoid arthritis and partly normalized after treatment. <i>Nature Medicine</i> , 2015 , 21, 895-905	50.5	849
396	The diploid genome sequence of an Asian individual. <i>Nature</i> , 2008 , 456, 60-5	50.4	744

395	SNP detection for massively parallel whole-genome resequencing. <i>Genome Research</i> , 2009 , 19, 1124-32	9.7	734
394	Resequencing 50 accessions of cultivated and wild rice yields markers for identifying agronomically important genes. <i>Nature Biotechnology</i> , 2011 , 30, 105-11	44.5	635
393	Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. <i>Nature Medicine</i> , 2017 , 23, 859-868	50.5	627
392	Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes. <i>Nature Biotechnology</i> , 2014 , 32, 822-8	44.5	624
391	Gut microbiome development along the colorectal adenoma-carcinoma sequence. <i>Nature Communications</i> , 2015 , 6, 6528	17.4	614
390	The gut microbiome in atherosclerotic cardiovascular disease. <i>Nature Communications</i> , 2017 , 8, 845	17.4	575
389	Ancient human genome sequence of an extinct Palaeo-Eskimo. <i>Nature</i> , 2010 , 463, 757-62	50.4	567
388	Frequent mutations of chromatin remodeling genes in transitional cell carcinoma of the bladder. <i>Nature Genetics</i> , 2011 , 43, 875-8	36.3	554
387	An Aboriginal Australian genome reveals separate human dispersals into Asia. <i>Science</i> , 2011 , 334, 94-8	33.3	528
386	Single-cell exome sequencing reveals single-nucleotide mutation characteristics of a kidney tumor. <i>Cell</i> , 2012 , 148, 886-95	56.2	511
385	Metagenomic analysis of faecal microbiome as a tool towards targeted non-invasive biomarkers for colorectal cancer. <i>Gut</i> , 2017 , 66, 70-78	19.2	488
384	Single-cell exome sequencing and monoclonal evolution of a JAK2-negative myeloproliferative neoplasm. <i>Cell</i> , 2012 , 148, 873-85	56.2	431
383	Deep RNA sequencing at single base-pair resolution reveals high complexity of the rice transcriptome. <i>Genome Research</i> , 2010 , 20, 646-54	9.7	375
382	The microbiota continuum along the female reproductive tract and its relation to uterine-related diseases. <i>Nature Communications</i> , 2017 , 8, 875	17.4	308
381	A catalog of the mouse gut metagenome. <i>Nature Biotechnology</i> , 2015 , 33, 1103-8	44.5	295
380	The sheep genome illuminates biology of the rumen and lipid metabolism. <i>Science</i> , 2014 , 344, 1168-1173	33.3	294
379	Single base-resolution methylome of the silkworm reveals a sparse epigenomic map. <i>Nature Biotechnology</i> , 2010 , 28, 516-20	44.5	288
378	Persistent organic pollutant exposure leads to insulin resistance syndrome. <i>Environmental Health Perspectives</i> , 2010 , 118, 465-71	8.4	282

377	Resequencing of 200 human exomes identifies an excess of low-frequency non-synonymous coding variants. <i>Nature Genetics</i> , 2010 , 42, 969-72	36.3	264
376	The DNA methylome of human peripheral blood mononuclear cells. <i>PLoS Biology</i> , 2010 , 8, e1000533	9.7	256
375	Frequent mutations of genes encoding ubiquitin-mediated proteolysis pathway components in clear cell renal cell carcinoma. <i>Nature Genetics</i> , 2011 , 44, 17-9	36.3	248
374	TreeFam: 2008 Update. <i>Nucleic Acids Research</i> , 2008 , 36, D735-40	20.1	234
373	The retinoblastoma-histone deacetylase 3 complex inhibits PPARGamma and adipocyte differentiation. <i>Developmental Cell</i> , 2002 , 3, 903-10	10.2	234
372	A reference gene catalogue of the pig gut microbiome. <i>Nature Microbiology</i> , 2016 , 1, 16161	26.6	233
371	Retinoblastoma protein functions as a molecular switch determining white versus brown adipocyte differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 4112-7	11.5	231
370	The Mouse Intestinal Bacterial Collection (miBC) provides host-specific insight into cultured diversity and functional potential of the gut microbiota. <i>Nature Microbiology</i> , 2016 , 1, 16131	26.6	222
369	1,520 reference genomes from cultivated human gut bacteria enable functional microbiome analyses. <i>Nature Biotechnology</i> , 2019 , 37, 179-185	44.5	213
368	Microarray analyses during adipogenesis: understanding the effects of Wnt signaling on adipogenesis and the roles of liver X receptor alpha in adipocyte metabolism. <i>Molecular and Cellular Biology</i> , 2002 , 22, 5989-99	4.8	209
367	A proteomic approach for identification of secreted proteins during the differentiation of 3T3-L1 preadipocytes to adipocytes. <i>Molecular and Cellular Proteomics</i> , 2002 , 1, 213-22	7.6	202
366	Human multipotent adipose-derived stem cells differentiate into functional brown adipocytes. <i>Stem Cells</i> , 2009 , 27, 2753-60	5.8	198
365	Analyses of gut microbiota and plasma bile acids enable stratification of patients for antidiabetic treatment. <i>Nature Communications</i> , 2017 , 8, 1785	17.4	192
364	Regulation of adipocyte differentiation and function by polyunsaturated fatty acids. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 266-86	6.9	189
363	Modulation of keratinocyte gene expression and differentiation by PPAR-selective ligands and tetradecylthioacetic acid. <i>Journal of Investigative Dermatology</i> , 2001 , 116, 702-12	4.3	187
362	Building the sequence map of the human pan-genome. <i>Nature Biotechnology</i> , 2010 , 28, 57-63	44.5	180
361	Ion stability of nucleic acids in infrared matrix-assisted laser desorption/ionization mass spectrometry. <i>Nucleic Acids Research</i> , 1993 , 21, 3347-57	20.1	175
360	Dietary linoleic acid elevates endogenous 2-AG and anandamide and induces obesity. <i>Obesity</i> , 2012 , 20, 1984-94	8	174

359	Shotgun Metagenomics of 250 Adult Twins Reveals Genetic and Environmental Impacts on the Gut Microbiome. <i>Cell Systems</i> , 2016 , 3, 572-584.e3	10.6	172
358	Choice of bacterial DNA extraction method from fecal material influences community structure as evaluated by metagenomic analysis. <i>Microbiome</i> , 2014 , 2, 19	16.6	167
357	Multi-cohort analysis of colorectal cancer metagenome identified altered bacteria across populations and universal bacterial markers. <i>Microbiome</i> , 2018 , 6, 70	16.6	165
356	Aberrant intestinal microbiota in individuals with prediabetes. <i>Diabetologia</i> , 2018 , 61, 810-820	10.3	163
355	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	19.2	162
354	UCP1 induction during recruitment of brown adipocytes in white adipose tissue is dependent on cyclooxygenase activity. <i>PLoS ONE</i> , 2010 , 5, e11391	3.7	155
353	Osmoregulation and salinity effects on the expression and activity of Na ⁺ ,K ⁽⁺⁾ -ATPase in the gills of European sea bass, <i>Dicentrarchus labrax</i> (L.). <i>The Journal of Experimental Zoology</i> , 1998 , 282, 290-300		155
352	The mitogen-activated protein kinases p38 and ERK1/2 are increased in lesional psoriatic skin. <i>British Journal of Dermatology</i> , 2005 , 152, 37-42	4	154
351	Regulatory circuits controlling white versus brown adipocyte differentiation. <i>Biochemical Journal</i> , 2006 , 398, 153-68	3.8	141
350	Nutritional regulation and role of peroxisome proliferator-activated receptor delta in fatty acid catabolism in skeletal muscle. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003 , 1633, 43-50	5	141
349	Peroxisome proliferator-activated receptor delta (PPARdelta)-mediated regulation of preadipocyte proliferation and gene expression is dependent on cAMP signaling. <i>Journal of Biological Chemistry</i> , 2001 , 276, 3175-82	5.4	139
348	Activation of peroxisome proliferator-activated receptor gamma bypasses the function of the retinoblastoma protein in adipocyte differentiation. <i>Journal of Biological Chemistry</i> , 1999 , 274, 2386-93	5.4	122
347	The formation of a native-like structure containing eight conserved hydrophobic residues is rate limiting in two-state protein folding of ACP. <i>Nature Structural Biology</i> , 1999 , 6, 594-601		120
346	Novel variation and de novo mutation rates in population-wide de novo assembled Danish trios. <i>Nature Communications</i> , 2015 , 6, 5969	17.4	119
345	Genomic structure of the human mitochondrial chaperonin genes: HSP60 and HSP10 are localised head to head on chromosome 2 separated by a bidirectional promoter. <i>Human Genetics</i> , 2003 , 112, 71-7	6.3	118
344	Chronic <i>Trichuris muris</i> Infection Decreases Diversity of the Intestinal Microbiota and Concomitantly Increases the Abundance of Lactobacilli. <i>PLoS ONE</i> , 2015 , 10, e0125495	3.7	117
343	Cyclic AMP (cAMP)-mediated stimulation of adipocyte differentiation requires the synergistic action of Epac- and cAMP-dependent protein kinase-dependent processes. <i>Molecular and Cellular Biology</i> , 2008 , 28, 3804-16	4.8	115
342	Adipocyte differentiation of 3T3-L1 preadipocytes is dependent on lipoxygenase activity during the initial stages of the differentiation process. <i>Biochemical Journal</i> , 2003 , 375, 539-49	3.8	113

341	Whole-exome sequencing of 2,000 Danish individuals and the role of rare coding variants in type 2 diabetes. <i>American Journal of Human Genetics</i> , 2013 , 93, 1072-86	11	109
340	The function of acyl-CoA-binding protein (ACBP)/diazepam binding inhibitor (DBI). <i>Molecular and Cellular Biochemistry</i> , 1993 , 123, 129-38	4.2	109
339	Interplay between food and gut microbiota in health and disease. <i>Food Research International</i> , 2019 , 115, 23-31	7	106
338	Disruption of the gene encoding the acyl-CoA-binding protein (ACB1) perturbs acyl-CoA metabolism in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1996 , 271, 22514-21	5.4	103
337	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. <i>Diabetologia</i> , 2013 , 56, 298-310	10.3	102
336	Acyl-CoA-binding protein/diazepam-binding inhibitor gene and pseudogenes. A typical housekeeping gene family. <i>Journal of Molecular Biology</i> , 1992 , 228, 1011-22	6.5	102
335	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	5.5	101
334	MicroRNA-455 regulates brown adipogenesis via a novel HIF1 α -AMPK-PGC1 β signaling network. <i>EMBO Reports</i> , 2015 , 16, 1378-93	6.5	100
333	Structural variation in two human genomes mapped at single-nucleotide resolution by whole genome de novo assembly. <i>Nature Biotechnology</i> , 2011 , 29, 723-30	44.5	99
332	Effects of Wnt signaling on brown adipocyte differentiation and metabolism mediated by PGC-1 α . <i>Molecular and Cellular Biology</i> , 2005 , 25, 1272-82	4.8	97
331	Cortisol regulation of ion transporter mRNA in Atlantic salmon gill and the effect of salinity on the signaling pathway. <i>Journal of Endocrinology</i> , 2007 , 194, 417-27	4.7	96
330	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. <i>Human Molecular Genetics</i> , 1996 , 5, 461-72	5.6	92
329	Peroxisome proliferator-activated receptor gamma recruits the positive transcription elongation factor b complex to activate transcription and promote adipogenesis. <i>Molecular Endocrinology</i> , 2006 , 20, 1494-505		91
328	Expression and localization of peroxisome proliferator-activated receptors and nuclear factor kappaB in normal and lesional psoriatic skin. <i>Journal of Investigative Dermatology</i> , 2003 , 121, 1104-17	4.3	91
327	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. <i>Immunity</i> , 2016 , 44, 860-74	32.3	91
326	Mammalian tissues defective in nonsense-mediated mRNA decay display highly aberrant splicing patterns. <i>Genome Biology</i> , 2012 , 13, R35	18.3	90
325	Integrated metabolomics and metagenomics analysis of plasma and urine identified microbial metabolites associated with coronary heart disease. <i>Scientific Reports</i> , 2016 , 6, 22525	4.9	89
324	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. <i>Journal of Biological Chemistry</i> , 2002 , 277, 26821-30	5.4	89

323	Matrix assisted laser desorption/ionization mass spectrometry of enzymatically synthesized RNA up to 150 kDa. <i>Nucleic Acids Research</i> , 1994 , 22, 3866-70	20.1	89
322	Sequencing and de novo assembly of 150 genomes from Denmark as a population reference. <i>Nature</i> , 2017 , 548, 87-91	50.4	87
321	Transcriptome profiling of brown adipose tissue during cold exposure reveals extensive regulation of glucose metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E380-92	6	86
320	DNA sequence analysis by MALDI mass spectrometry. <i>Nucleic Acids Research</i> , 1998 , 26, 2554-9	20.1	86
319	Fish protein hydrolysate elevates plasma bile acids and reduces visceral adipose tissue mass in rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009 , 1791, 254-62	5	84
318	Lipid-binding proteins modulate ligand-dependent trans-activation by peroxisome proliferator-activated receptors and localize to the nucleus as well as the cytoplasm. <i>Journal of Lipid Research</i> , 2000 , 41, 1740-1751	6.3	84
317	Nuclear receptor corepressor-dependent repression of peroxisome-proliferator-activated receptor mediated transactivation. <i>Biochemical Journal</i> , 2002 , 363, 157-165	3.8	83
316	Effects of insulin-like growth factor-I and cortisol on Na ⁺ , K ⁺ -ATPase expression in osmoregulatory tissues of brown trout (<i>Salmo trutta</i>). <i>General and Comparative Endocrinology</i> , 1999 , 113, 331-42	3	83
315	Assessment of the cPAS-based BGISEQ-500 platform for metagenomic sequencing. <i>GigaScience</i> , 2018 , 7, 1-8	7.6	82
314	Single-cell sequencing analysis characterizes common and cell-lineage-specific mutations in a muscle-invasive bladder cancer. <i>GigaScience</i> , 2012 , 1, 12	7.6	82
313	Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. <i>Microbiome</i> , 2019 , 7, 2	16.6	82
312	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	15.1	82
311	Origin and evolution of new exons in rodents. <i>Genome Research</i> , 2005 , 15, 1258-64	9.7	79
310	Whole-Exome Sequencing of 2,000 Danish Individuals and the Role of Rare Coding Variants in Type 2 Diabetes. <i>American Journal of Human Genetics</i> , 2014 , 94, 479	11	78
309	Ursolic acid induces cell death and modulates autophagy through JNK pathway in apoptosis-resistant colorectal cancer cells. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 706-12	6.3	78
308	High-fat feeding rather than obesity drives taxonomical and functional changes in the gut microbiota in mice. <i>Microbiome</i> , 2017 , 5, 43	16.6	77
307	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	9.7	74
306	Metagenome-wide association of gut microbiome features for schizophrenia. <i>Nature Communications</i> , 2020 , 11, 1612	17.4	73

305	7-Deaza purine bases offer a higher ion stability in the analysis of DNA by matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1995 , 9, 525-31	2.2	73
304	Genetic architecture of vitamin B12 and folate levels uncovered applying deeply sequenced large datasets. <i>PLoS Genetics</i> , 2013 , 9, e1003530	6	72
303	Quercetin enhances adiponectin secretion by a PPAR-gamma independent mechanism. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 41, 16-22	5.1	70
302	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. <i>Nature Communications</i> , 2018 , 9, 4630	17.4	69
301	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	11.5	67
300	Frequent alterations in cytoskeleton remodelling genes in primary and metastatic lung adenocarcinomas. <i>Nature Communications</i> , 2015 , 6, 10131	17.4	67
299	Rapid identification of DNA-binding proteins by mass spectrometry. <i>Nature Biotechnology</i> , 1999 , 17, 884-8	44.5	67
298	All-trans retinoic acid increases oxidative metabolism in mature adipocytes. <i>Cellular Physiology and Biochemistry</i> , 2007 , 20, 1061-72	3.9	63
297	cAMP-dependent signaling regulates the adipogenic effect of n-6 polyunsaturated fatty acids. <i>Journal of Biological Chemistry</i> , 2008 , 283, 7196-205	5.4	62
296	Hormone receptors in gills of smolting Atlantic salmon, <i>Salmo salar</i> : expression of growth hormone, prolactin, mineralocorticoid and glucocorticoid receptors and 11beta-hydroxysteroid dehydrogenase type 2. <i>General and Comparative Endocrinology</i> , 2007 , 152, 295-303	3	61
295	Discovery of novel PPAR ligands by a virtual screening approach based on pharmacophore modeling, 3D shape, and electrostatic similarity screening. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 6303-17	8.3	60
294	A human homologue of <i>Escherichia coli</i> ClpP caseinolytic protease: recombinant expression, intracellular processing and subcellular localization. <i>Biochemical Journal</i> , 1998 , 331 (Pt 1), 309-16	3.8	59
293	Conserved residues and their role in the structure, function, and stability of acyl-coenzyme A binding protein. <i>Biochemistry</i> , 1999 , 38, 2386-94	3.2	59
292	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	11.5	58
291	De novo assembly of a haplotype-resolved human genome. <i>Nature Biotechnology</i> , 2015 , 33, 617-22	44.5	57
290	An improved PCR-based method for site directed mutagenesis using megaprimers. <i>Molecular and Cellular Probes</i> , 1998 , 12, 345-8	3.3	57
289	Tetradecylthioacetic acid inhibits growth of rat glioma cells ex vivo and in vivo via PPAR-dependent and PPAR-independent pathways. <i>Carcinogenesis</i> , 2001 , 22, 1747-55	4.6	56
288	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	23.4	55

287	Bioactive components from flowers of <i>Sambucus nigra</i> L. increase glucose uptake in primary porcine myotube cultures and reduce fat accumulation in <i>Caenorhabditis elegans</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 11033-40	5.7	53
286	Cross talk between insulin and bone morphogenetic protein signaling systems in brown adipogenesis. <i>Molecular and Cellular Biology</i> , 2010 , 30, 4224-33	4.8	53
285	Structure-Activity Study of Dihydrocinnamic Acids and Discovery of the Potent FFA1 (GPR40) Agonist TUG-469. <i>ACS Medicinal Chemistry Letters</i> , 2010 , 1, 345-9	4.3	53
284	Nuclear receptor corepressor-dependent repression of peroxisome-proliferator-activated receptor delta-mediated transactivation. <i>Biochemical Journal</i> , 2002 , 363, 157-65	3.8	53
283	Nutritional regulation of bile acid metabolism is associated with improved pathological characteristics of the metabolic syndrome. <i>Journal of Biological Chemistry</i> , 2011 , 286, 28382-95	5.4	51
282	Identification of bioactive compounds from flowers of black elder (<i>Sambucus nigra</i> L.) that activate the human peroxisome proliferator-activated receptor (PPAR) gamma. <i>Phytotherapy Research</i> , 2010 , 24 Suppl 2, S129-32	6.7	51
281	Inhibition of adipocyte differentiation by resistin-like molecule alpha. Biochemical characterization of its oligomeric nature. <i>Journal of Biological Chemistry</i> , 2002 , 277, 42011-6	5.4	51
280	Links between Dietary Protein Sources, the Gut Microbiota, and Obesity. <i>Frontiers in Physiology</i> , 2017 , 8, 1047	4.6	50
279	Roles of peroxisome proliferator-activated receptors delta and gamma in myoblast transdifferentiation. <i>Experimental Cell Research</i> , 2003 , 288, 168-76	4.2	50
278	Activation of the nuclear receptor PPAR γ by metabolites isolated from sage (<i>Salvia officinalis</i> L.). <i>Journal of Ethnopharmacology</i> , 2010 , 132, 127-33	5	49
277	Identification of plant extracts with potential antidiabetic properties: effect on human peroxisome proliferator-activated receptor (PPAR), adipocyte differentiation and insulin-stimulated glucose uptake. <i>Phytotherapy Research</i> , 2009 , 23, 1316-25	6.7	49
276	Staurosporine-induced cell death in <i>Tetrahymena thermophila</i> has mixed characteristics of both apoptotic and autophagic degeneration. <i>Cell Biology International</i> , 1998 , 22, 591-8	4.5	49
275	Arachidonic acid-dependent inhibition of adipocyte differentiation requires PKA activity and is associated with sustained expression of cyclooxygenases. <i>Journal of Lipid Research</i> , 2003 , 44, 2320-30	6.3	49
274	Inhibition of 3T3-L1 adipocyte differentiation by expression of acyl-CoA-binding protein antisense RNA. <i>Journal of Biological Chemistry</i> , 1998 , 273, 23897-903	5.4	49
273	Inverse regulation of the nuclear factor-kappaB binding to the p53 and interleukin-8 kappaB response elements in lesional psoriatic skin. <i>Journal of Investigative Dermatology</i> , 2005 , 124, 1284-92	4.3	48
272	Distinct gut metagenomics and metaproteomics signatures in prediabetics and treatment-naïve type 2 diabetics. <i>EBioMedicine</i> , 2019 , 47, 373-383	8.8	44
271	The tumor suppressors pRB and p53 as regulators of adipocyte differentiation and function. <i>Expert Opinion on Therapeutic Targets</i> , 2009 , 13, 235-46	6.4	44
270	1 α ,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. <i>Journal of Investigative Dermatology</i> , 2003 , 120, 561-70	4.3	44

269	Tetradecylthioacetic acid prevents high fat diet induced adiposity and insulin resistance. <i>Journal of Lipid Research</i> , 2002 , 43, 742-750	6.3	44
268	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	6.9	43
267	Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility. <i>Toxicological Sciences</i> , 2016 , 150, 178-89	4.4	43
266	<i>Saccharomyces carlsbergensis</i> contains two functional genes encoding the acyl-CoA binding protein, one similar to the ACB1 gene from <i>S. cerevisiae</i> and one identical to the ACB1 gene from <i>S. monacensis</i> . <i>Yeast</i> , 1997 , 13, 1409-21	3.4	43
265	Insulin-like growth factor-1/insulin bypasses Pref-1/FA1-mediated inhibition of adipocyte differentiation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 20906-14	5.4	43
264	The metagenome of the female upper reproductive tract. <i>GigaScience</i> , 2018 , 7,	7.6	43
263	Full-length single-cell RNA-seq applied to a viral human cancer: applications to HPV expression and splicing analysis in HeLa S3 cells. <i>GigaScience</i> , 2015 , 4, 51	7.6	42
262	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	3	41
261	Aniline Is Rapidly Converted Into Paracetamol Impairing Male Reproductive Development. <i>Toxicological Sciences</i> , 2015 , 148, 288-98	4.4	41
260	Epidermis-type lipoxygenase 3 regulates adipocyte differentiation and peroxisome proliferator-activated receptor gamma activity. <i>Molecular and Cellular Biology</i> , 2010 , 30, 4077-91	4.8	41
259	A gene catalogue of the Sprague-Dawley rat gut metagenome. <i>GigaScience</i> , 2018 , 7,	7.6	41
258	Tetradecylthioacetic acid prevents high fat diet induced adiposity and insulin resistance. <i>Journal of Lipid Research</i> , 2002 , 43, 742-50	6.3	41
257	Two distinct metacommunities characterize the gut microbiota in Crohn's disease patients. <i>GigaScience</i> , 2017 , 6, 1-11	7.6	40
256	Sucrose counteracts the anti-inflammatory effect of fish oil in adipose tissue and increases obesity development in mice. <i>PLoS ONE</i> , 2011 , 6, e21647	3.7	40
255	Long-chain acyl-CoA esters and acyl-CoA binding protein are present in the nucleus of rat liver cells. <i>Journal of Lipid Research</i> , 2000 , 41, 538-545	6.3	40
254	Insulin/IGF-I regulation of necdin and brown adipocyte differentiation via CREB- and FoxO1-associated pathways. <i>Endocrinology</i> , 2011 , 152, 3680-9	4.8	39
253	Genomic organization of the mouse peroxisome proliferator-activated receptor beta/delta gene: alternative promoter usage and splicing yield transcripts exhibiting differential translational efficiency. <i>Biochemical Journal</i> , 2002 , 366, 767-75	3.8	39
252	Pharmacophore-driven identification of PPAR α agonists from natural sources. <i>Journal of Computer-Aided Molecular Design</i> , 2011 , 25, 107-16	4.2	38

251	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. <i>Scandinavian Journal of Immunology</i> , 2006 , 63, 330-7	3.4	38
250	A short-read multiplex sequencing method for reliable, cost-effective and high-throughput genotyping in large-scale studies. <i>Human Mutation</i> , 2013 , 34, 1715-20	4.7	37
249	Molecular aspects of adipoepithelial transdifferentiation in mouse mammary gland. <i>Stem Cells</i> , 2014 , 32, 2756-66	5.8	37
248	Acyl-CoA esters antagonize the effects of ligands on peroxisome proliferator-activated receptor alpha conformation, DNA binding, and interaction with Co-factors. <i>Journal of Biological Chemistry</i> , 2001 , 276, 21410-6	5.4	37
247	Inversin/Nephrocystin-2 is required for fibroblast polarity and directional cell migration. <i>PLoS ONE</i> , 2013 , 8, e60193	3.7	37
246	CRISPR/Cascade 9-Mediated Genome Editing-Challenges and Opportunities. <i>Frontiers in Genetics</i> , 2018 , 9, 240	4.5	36
245	Urinary loss of tricarboxylic acid cycle intermediates as revealed by metabolomics studies: an underlying mechanism to reduce lipid accretion by whey protein ingestion?. <i>Journal of Proteome Research</i> , 2014 , 13, 2560-70	5.6	36
244	Activation of protein kinase A and exchange protein directly activated by cAMP promotes adipocyte differentiation of human mesenchymal stem cells. <i>PLoS ONE</i> , 2012 , 7, e34114	3.7	36
243	Haploinsufficiency of the retinoblastoma protein gene reduces diet-induced obesity, insulin resistance, and hepatosteatosis in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E184-93	6	36
242	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, 1536047	4.3	36
241	A comparative analysis of the intestinal metagenomes present in guinea pigs (<i>Cavia porcellus</i>) and humans (<i>Homo sapiens</i>). <i>BMC Genomics</i> , 2012 , 13, 514	4.5	35
240	The importance of dietary modulation of cAMP and insulin signaling in adipose tissue and the development of obesity. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1190, 1-14	6.5	35
239	Phosphorylation in vivo of Ribosomes in <i>Tetrahymena pyriformis</i> . <i>FEBS Journal</i> , 1978 , 83, 395-403		35
238	Effect of a long-term high-protein diet on survival, obesity development, and gut microbiota in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E886-99	6	34
237	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. <i>Frontiers in Immunology</i> , 2018 , 9, 908	8.4	34
236	Genome Sequencing Explores Complexity of Chromosomal Abnormalities in Recurrent Miscarriage. <i>American Journal of Human Genetics</i> , 2019 , 105, 1102-1111	11	34
235	The Human Milk Microbiota is Modulated by Maternal Diet. <i>Microorganisms</i> , 2019 , 7,	4.9	34
234	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. <i>Amino Acids</i> , 2014 , 46, 1659-71	3.5	34

233	Global gene expression profiling of brown to white adipose tissue transformation in sheep reveals novel transcriptional components linked to adipose remodeling. <i>BMC Genomics</i> , 2015 , 16, 215	4.5	33
232	A novel affordable reagent for room temperature storage and transport of fecal samples for metagenomic analyses. <i>Microbiome</i> , 2018 , 6, 43	16.6	33
231	Prenatal exposure to paracetamol/acetaminophen and precursor aniline impairs masculinisation of male brain and behaviour. <i>Reproduction</i> , 2017 , 154, 145-152	3.8	32
230	Identification of odorant-receptor interactions by global mapping of the human odorome. <i>PLoS ONE</i> , 2014 , 9, e93037	3.7	32
229	High-glycemic index carbohydrates abrogate the antiobesity effect of fish oil in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E1097-112	6	32
228	Deregulated MAPK activity prevents adipocyte differentiation of fibroblasts lacking the retinoblastoma protein. <i>Journal of Biological Chemistry</i> , 2002 , 277, 26335-9	5.4	32
227	Intake of farmed Atlantic salmon fed soybean oil increases insulin resistance and hepatic lipid accumulation in mice. <i>PLoS ONE</i> , 2013 , 8, e53094	3.7	31
226	Mdm2 controls CREB-dependent transactivation and initiation of adipocyte differentiation. <i>Cell Death and Differentiation</i> , 2012 , 19, 1381-9	12.7	30
225	Hydrolyzed casein reduces diet-induced obesity in male C57BL/6J mice. <i>Journal of Nutrition</i> , 2013 , 143, 1367-75	4.1	30
224	Role of epidermis-type lipoxygenases for skin barrier function and adipocyte differentiation. <i>Prostaglandins and Other Lipid Mediators</i> , 2007 , 82, 128-34	3.7	30
223	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	5.5	29
222	Habitat fragmentation is associated with dietary shifts and microbiota variability in common vampire bats. <i>Ecology and Evolution</i> , 2019 , 9, 6508-6523	2.8	29
221	The protein source determines the potential of high protein diets to attenuate obesity development in C57BL/6J mice. <i>Adipocyte</i> , 2016 , 5, 196-211	3.2	29
220	Indomethacin treatment prevents high fat diet-induced obesity and insulin resistance but not glucose intolerance in C57BL/6J mice. <i>Journal of Biological Chemistry</i> , 2014 , 289, 16032-45	5.4	29
219	Dietary eicosapentaenoic acid supplementation accentuates hepatic triglyceride accumulation in mice with impaired fatty acid oxidation capacity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 291-9	5	29
218	Delta-interacting protein A, a new inhibitory partner of CCAAT/enhancer-binding protein beta, implicated in adipocyte differentiation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 11432-8	5.4	29
217	Systematic Comparative Evaluation of Methods for Investigating the TCR Repertoire. <i>PLoS ONE</i> , 2016 , 11, e0152464	3.7	29
216	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. <i>Cell Metabolism</i> , 2019 , 29, 50-63.e4	4.6	29

215	Lipidomic profiling reveals distinct differences in plasma lipid composition in healthy, prediabetic, and type 2 diabetic individuals. <i>GigaScience</i> , 2017 , 6, 1-12	7.6	28
214	The elusive endogenous adipogenic PPAR δ agonists: Lining up the suspects. <i>Progress in Lipid Research</i> , 2016 , 61, 149-62	14.3	28
213	A common W556S mutation in the LDL receptor gene of Danish patients with familial hypercholesterolemia encodes a transport-defective protein. <i>Atherosclerosis</i> , 1997 , 131, 67-72	3.1	28
212	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,	7.6	27
211	Visualization and Quantification of Browning Using a Ucp1-2A-Luciferase Knock-in Mouse Model. <i>Diabetes</i> , 2017 , 66, 407-417	0.9	27
210	Activation of PPARgamma by metabolites from the flowers of purple coneflower (<i>Echinacea purpurea</i>). <i>Journal of Natural Products</i> , 2009 , 72, 933-7	4.9	27
209	Phosphorylation and degradation of ribosomes in starved <i>Tetrahymena pyriformis</i> . <i>Experimental Cell Research</i> , 1979 , 118, 159-69	4.2	27
208	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	36.3	27
207	PPARgamma-PGC-1alpha activity is determinant of alcohol related breast cancer. <i>Cancer Letters</i> , 2012 , 315, 59-68	9.9	26
206	Applied Hologenomics: Feasibility and Potential in Aquaculture. <i>Trends in Biotechnology</i> , 2018 , 36, 252-264	4.1	25
205	Diet-induced obesity, energy metabolism and gut microbiota in C57BL/6J mice fed Western diets based on lean seafood or lean meat mixtures. <i>Journal of Nutritional Biochemistry</i> , 2016 , 31, 127-36	6.3	25
204	Discovery of a novel selective PPAR δ ligand with partial agonist binding properties by integrated in silico/in vitro work flow. <i>Journal of Chemical Information and Modeling</i> , 2013 , 53, 923-37	6.1	25
203	Intake of farmed Atlantic salmon fed soybean oil increases hepatic levels of arachidonic acid-derived oxylipins and ceramides in mice. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 585-95	6.3	25
202	Polyacetylenes from carrots (<i>Daucus carota</i>) improve glucose uptake in vitro in adipocytes and myotubes. <i>Food and Function</i> , 2015 , 6, 2135-44	6.1	24
201	p53 regulates expression of uncoupling protein 1 through binding and repression of PPAR δ coactivator-1. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E116-28	6	24
200	Increased microvascular permeability in mice lacking Epac1 (Rapgef3). <i>Acta Physiologica</i> , 2017 , 219, 441-452	4.52	24
199	<i>Tetrahymena thermophila</i> acidic ribosomal protein L37 contains an archaeobacterial type of C-terminus. <i>Gene</i> , 1991 , 105, 143-50	3.8	24
198	Ribosomal proteins in growing and starved <i>Tetrahymena pyriformis</i> . Starvation-induced phosphorylation of ribosomal proteins. <i>Nucleic Acids and Protein Synthesis</i> , 1978 , 521, 435-51		24

197	Next generation sequencing-based molecular profiling of lung adenocarcinoma using pleural effusion specimens. <i>Journal of Thoracic Disease</i> , 2018 , 10, 2631-2637	2.6	24
196	Profiling of lipid species by normal-phase liquid chromatography, nanoelectrospray ionization, and ion trap-orbitrap mass spectrometry. <i>Analytical Biochemistry</i> , 2013 , 443, 88-96	3.1	23
195	Variation and association to diabetes in 2000 full mtDNA sequences mined from an exome study in a Danish population. <i>European Journal of Human Genetics</i> , 2014 , 22, 1040-5	5.3	23
194	An intron in a ribosomal protein gene from <i>Tetrahymena</i> . <i>EMBO Journal</i> , 1986 , 5, 2711-2717	13	23
193	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, 119-27	6.3	23
192	Regulatory elements in the promoter region of the rat gene encoding the acyl-CoA-binding protein. <i>Gene</i> , 1996 , 173, 233-8	3.8	22
191	The Effect of Lean-Seafood and Non-Seafood Diets on Fecal Metabolites and Gut Microbiome: Results from a Randomized Crossover Intervention Study. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1700976	5.9	22
190	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		22
189	A catalog of microbial genes from the bovine rumen unveils a specialized and diverse biomass-degrading environment. <i>GigaScience</i> , 2020 , 9,	7.6	21
188	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, e1900589	5.9	21
187	Role of adipocyte lipid-binding protein (ALBP) and acyl-CoA binding protein (ACBP) in PPAR-mediated transactivation. <i>Molecular and Cellular Biochemistry</i> , 2002 , 239, 157-164	4.2	21
186	Tissue distribution, intracellular localization and proteolytic processing of rat 4-hydroxyphenylpyruvate dioxygenase. <i>Cell Biology International</i> , 2003 , 27, 611-24	4.5	21
185	Obesity is associated with depot-specific alterations in adipocyte DNA methylation and gene expression. <i>Adipocyte</i> , 2017 , 6, 124-133	3.2	20
184	Seafood intake and the development of obesity, insulin resistance and type 2 diabetes. <i>Nutrition Research Reviews</i> , 2019 , 32, 146-167	7	20
183	Corticosteroid regulation of Na(+),K(+)-ATPase α -isoform expression in Atlantic salmon gill during smolt development. <i>General and Comparative Endocrinology</i> , 2011 , 170, 283-9	3	20
182	Cell death in <i>Tetrahymena thermophila</i> : new observations on culture conditions. <i>Cell Biology International</i> , 2001 , 25, 509-19	4.5	20
181	Regulation of ribosome synthesis in <i>Tetrahymena pyriformis</i> . 1. Coordination of synthesis of ribosomal proteins and ribosomal RNA during nutritional shift-down. <i>FEBS Journal</i> , 1984 , 140, 469-75		20
180	Mammary alveolar epithelial cells convert to brown adipocytes in post-lactating mice. <i>Journal of Cellular Physiology</i> , 2017 , 232, 2923-2928	7	19

179	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	4.9	19
178	ADD1/SREBP1c activates the PGC1-alpha promoter in brown adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 421-9	5	19
177	Depot-dependent effects of adipose tissue explants on co-cultured hepatocytes. <i>PLoS ONE</i> , 2011 , 6, e20917	3.7	19
176	The Baseline Gut Microbiota Directs Dieting-Induced Weight Loss Trajectories. <i>Gastroenterology</i> , 2021 , 160, 2029-2042.e16	13.3	19
175	beta-oxidation modulates metabolic competition between eicosapentaenoic acid and arachidonic acid regulating prostaglandin E(2) synthesis in rat hepatocytes-Kupffer cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 526-36	5	18
174	HDAC activity is required for p65/RelA-dependent repression of PPARdelta-mediated transactivation in human keratinocytes. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 1095-106	4.3	18
173	Site-specific strand bias in gene correction using single-stranded oligonucleotides. <i>Journal of Molecular Medicine</i> , 2005 , 83, 39-49	5.5	18
172	Structure and evolution of the Tetrahymena thermophila gene encoding ribosomal protein L21. <i>Gene</i> , 1991 , 98, 161-7	3.8	18
171	Increased levels of PPARbeta/delta and cyclin D1 in flat dysplastic ACF and adenomas in Apc(Min/+) mice. <i>Anticancer Research</i> , 2005 , 25, 3781-9	2.3	18
170	Viral integration drives multifocal HCC during the occult HBV infection. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 261	12.8	17
169	Design and synthesis of novel Y-shaped barbituric acid derivatives as PPAR δ activators. <i>European Journal of Medicinal Chemistry</i> , 2016 , 108, 423-435	6.8	17
168	Novel Function of the Retinoblastoma Protein in Fat: Regulation of White Versus Brown Adipocyte Differentiation. <i>Cell Cycle</i> , 2004 , 3, 772-776	4.7	17
167	Optimization of methods and treatment conditions for studying effects of fatty acids on cell growth. <i>Lipids</i> , 2001 , 36, 305-13	1.6	17
166	Dietary fat drives whole-body insulin resistance and promotes intestinal inflammation independent of body weight gain. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 1706-1719	12.7	17
165	Pretreatment Prevotella-to-Bacteroides 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	5.2	17
164	A genome-wide association study for gut metagenome in Chinese adults illuminates complex diseases. <i>Cell Discovery</i> , 2021 , 7, 9	22.3	17
163	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	3	16
162	PPAR δ ligand production is tightly linked to clonal expansion during initiation of adipocyte differentiation. <i>Journal of Lipid Research</i> , 2014 , 55, 2491-500	6.3	16

161	Transcriptome and network changes in climbers at extreme altitudes. <i>PLoS ONE</i> , 2012 , 7, e31645	3.7	16
160	Use of microsatellite markers for identification of indigenous brown trout in a geographical region heavily influenced by stocked domesticated trout. <i>Journal of Fish Biology</i> , 2001 , 58, 1197-1210	1.9	16
159	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	8.4	15
158	An esophageal squamous cell carcinoma classification system that reveals potential targets for therapy. <i>Oncotarget</i> , 2017 , 8, 49851-49860	3.3	15
157	A mixture of cod and scallop protein reduces adiposity and improves glucose tolerance in high-fat fed male C57BL/6J mice. <i>PLoS ONE</i> , 2014 , 9, e112859	3.7	15
156	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. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600528	5.9	14
155	Evaluation of mass spectrometric techniques for characterization of engineered proteins. <i>Molecular Biotechnology</i> , 1995 , 4, 1-12	3	14
154	The phosphorylated ribosomal protein S7 in <i>Tetrahymena</i> 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. <i>Journal of Biological Chemistry</i> , 1997 , 272, 10007-10015	5.4	14
153	<i>Tetrahymena</i> gene encodes a protein that is homologous with the liver-specific F-antigen and associated with membranes of the Golgi apparatus and transport vesicles. <i>Journal of Molecular Biology</i> , 1992 , 228, 850-61	6.5	14
152	Regulation of ribosome synthesis in <i>Tetrahymena pyriformis</i> . 3. Analysis by translation in vitro of RNA isolated during nutritional shift-down and nutritional shift-up. <i>FEBS Journal</i> , 1984 , 140, 485-92		14
151	Characterization of acidic 60 S ribosomal proteins in <i>Tetrahymena pyriformis</i> . <i>FEBS Letters</i> , 1979 , 107, 343-7	3.8	14
150	Modification of cysteine residues with sodium 2-bromoethanesulfonate. The application of S-sulfoethylated peptides in automatic Edman degradation. <i>FEBS Journal</i> , 1974 , 46, 547-51		14
149	Comprehensive targeted super-deep next generation sequencing enhances differential diagnosis of solitary pulmonary nodules. <i>Journal of Thoracic Disease</i> , 2018 , 10, S820-S829	2.6	14
148	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	6.1	13
147	Macronutrient composition determines accumulation of persistent organic pollutants from dietary exposure in adipose tissue of mice. <i>Journal of Nutritional Biochemistry</i> , 2016 , 27, 307-16	6.3	13
146	Opposing effects of fatty acids and acyl-CoA esters on conformation and cofactor recruitment of peroxisome proliferator-activated receptors. <i>Annals of the New York Academy of Sciences</i> , 2002 , 967, 431-9	6.5	13
145	Genome organization and expression of the rat ACBP gene family. <i>Molecular and Cellular Biochemistry</i> , 1993 , 123, 55-61	4.2	13
144	Regulation of ribosome synthesis in <i>Tetrahymena pyriformis</i> . 2. Coordination of synthesis of ribosomal proteins and ribosomal RNA during nutritional shift-up. <i>FEBS Journal</i> , 1984 , 140, 477-83		13

143	A transomic cohort as a reference point for promoting a healthy human gut microbiome. <i>Medicine in Microecology</i> , 2021 , 8, 100039	4.3	13
142	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	4.9	12
141	Human Paneth cell α -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	6	12
140	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	5	12
139	Screening for bioactive metabolites in plant extracts modulating glucose uptake and fat accumulation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014 , 2014, 156398	2.3	12
138	Of mice and men: Factors abrogating the antiobesity effect of omega-3 fatty acids. <i>Adipocyte</i> , 2012 , 1, 173-176	3.2	12
137	Genome-resolved metagenomics suggests a mutualistic relationship between Mycoplasma and salmonid hosts. <i>Communications Biology</i> , 2021 , 4, 579	6.7	12
136	A randomised, controlled, crossover study of the effect of diet on angiopoietin-like protein 4 (ANGPTL4) through modification of the gut microbiome. <i>Journal of Nutritional Science</i> , 2016 , 5, e45	2.7	12
135	Role of adipocyte lipid-binding protein (ALBP) and acyl-coA binding protein (ACBP) in PPAR-mediated transactivation. <i>Molecular and Cellular Biochemistry</i> , 2002 , 239, 157-64	4.2	12
134	Single-cell RNA-seq reveals distinct dynamic behavior of sex chromosomes during early human embryogenesis. <i>Molecular Reproduction and Development</i> , 2019 , 86, 871-882	2.6	11
133	Importance of the fat content within the cheese-matrix for blood lipid profile, faecal fat excretion, and gut microbiome in growing pigs. <i>International Dairy Journal</i> , 2016 , 61, 67-75	3.5	11
132	Automatic inducer addition and harvesting of recombinant Escherichia coli cultures based on indirect on-line estimation of biomass concentration and specific growth rate. <i>Biotechnology and Bioengineering</i> , 2001 , 75, 355-61	4.9	11
131	Assessment of fecal DNA extraction protocols for metagenomic studies. <i>GigaScience</i> , 2020 , 9,	7.6	11
130	Gut Microbiota Perturbation in IgA Deficiency Is Influenced by IgA-Autoantibody Status. <i>Gastroenterology</i> , 2021 , 160, 2423-2434.e5	13.3	11
129	Transcriptional regulatory program in wild-type and retinoblastoma gene-deficient mouse embryonic fibroblasts during adipocyte differentiation. <i>BMC Research Notes</i> , 2011 , 4, 157	2.3	10
128	Microaffinity columns for analysis of protein-protein interactions. <i>Analytical Biochemistry</i> , 1999 , 271, 102-5	3.1	10
127	An LDL receptor promoter mutation in a heterozygous FH patient with dramatically skewed ratio between the two allelic mRNA variants. <i>Human Mutation</i> , 1996 , 7, 82-4	4.7	10
126	Improved quantification of stress proteins by western blotting. <i>Analytica Chimica Acta</i> , 1995 , 311, 109-116	14.6	10

125	Characterization of respiratory microbial dysbiosis in hospitalized COVID-19 patients. <i>Cell Discovery</i> , 2021 , 7, 23	22.3	10
124	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	4.1	10
123	Marine fatty acids aggravate hepatotoxicity of β HBCD in juvenile female BALB/c mice. <i>Food and Chemical Toxicology</i> , 2016 , 97, 411-423	4.7	10
122	Lysates of <i>Methylococcus capsulatus</i> Bath induce a lean-like microbiota, intestinal FoxP3 ⁺ IL-17 Tregs and improve metabolism. <i>Nature Communications</i> , 2021 , 12, 1093	17.4	10
121	Novel function of the retinoblastoma protein in fat: regulation of white versus brown adipocyte differentiation. <i>Cell Cycle</i> , 2004 , 3, 774-8	4.7	10
120	Response of the Human Milk Microbiota to A Maternal Prebiotic Intervention is Individual and Influenced by Maternal Age. <i>Nutrients</i> , 2020 , 12,	6.7	9
119	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. <i>Metabolomics</i> , 2014 , 10, 938-949	4.7	9
118	Intake of hydrolyzed casein is associated with reduced body fat accretion and enhanced phase II metabolism in obesity prone C57BL/6J mice. <i>PLoS ONE</i> , 2015 , 10, e0118895	3.7	9
117	Isomeric C12-alkamides from the roots of <i>Echinacea purpurea</i> improve basal and insulin-dependent glucose uptake in 3T3-L1 adipocytes. <i>Planta Medica</i> , 2014 , 80, 1712-20	3.1	9
116	2-heptyl-formononetin increases cholesterol and induces hepatic steatosis in mice. <i>BioMed Research International</i> , 2013 , 2013, 926942	3	9
115	A Sleeping Beauty DNA transposon-based genetic sensor for functional screening of vitamin D3 analogues. <i>BMC Biotechnology</i> , 2011 , 11, 33	3.5	9
114	Cloning and characterization of the gene encoding the highly expressed ribosomal protein l3 of the ciliated protozoan <i>Tetrahymena thermophila</i> . Evidence for differential codon usage in highly expressed genes. <i>Cell Biology International</i> , 1999 , 23, 551-60	4.5	9
113	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	6.3	8
112	The Impact of Different Animal-Derived Protein Sources on Adiposity and Glucose Homeostasis during Feeding and Energy Restriction in Already Obese Mice. <i>Nutrients</i> , 2019 , 11,	6.7	8
111	Medium chain fatty acids from milk induce angiopoietin-like 4 (ANGPTL4) gene expression. <i>International Dairy Journal</i> , 2015 , 42, 34-41	3.5	8
110	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	6.3	8
109	2-(2-Bromophenyl)-formononetin and 2-heptyl-formononetin are PPAR δ partial agonists and reduce lipid accumulation in 3T3-L1 adipocytes. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 6105-11	3.4	8
108	Discovery of new PPAR δ agonists based on aryloleptoids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 4162-5	2.9	8

107	Detection of a single base deletion in codon 424 of the low density lipoprotein receptor gene in a Danish family with familial hypercholesterolemia. <i>Atherosclerosis</i> , 1994 , 111, 209-15	3.1	8
106	Conservation of active ribosomes in acetone-treated cells of <i>Tetrahymena pyriformis</i> . <i>FEBS Journal</i> , 1978 , 83, 389-94		8
105	RELATION OF PROTEIN SYNTHESIS TO THE CONTENT OF ADENOSINE POLYPHOSPHATES 1979 , 233-248		8
104	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	7.8	8
103	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	2.4	8
102	Life History Recorded in the Vagino-cervical Microbiome Along with Multi-omics. <i>Genomics, Proteomics and Bioinformatics</i> , 2021 ,	6.5	8
101	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	4.9	8
100	Characterization of the human skin resistome and identification of two microbiota cutotypes. <i>Microbiome</i> , 2021 , 9, 47	16.6	8
99	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	2	7
98	Lymphocytic 2',5'-oligoadenylate synthetase is insensitive to dsRNA and interferon stimulation in autoimmune BB rats. <i>Journal of Interferon Research</i> , 1991 , 11, 351-6		7
97	Genetic diagnosis with the denaturing gradient gel electrophoresis technique improves diagnostic precision in familial hypercholesterolemia. <i>Circulation</i> , 1995 , 91, 1641-6	16.7	7
96	A multi-omic cohort as a reference point for promoting a healthy human gut microbiome		7
95	Panel-based NGS reveals disease-causing mutations in hearing loss patients using BGISEQ-500 platform. <i>Medicine (United States)</i> , 2019 , 98, e14860	1.8	7
94	Over 50,000 Metagenomically Assembled Draft Genomes for the Human Oral Microbiome Reveal New Taxa. <i>Genomics, Proteomics and Bioinformatics</i> , 2021 ,	6.5	7
93	Dietary intake and adipose tissue content of long-chain n-3 PUFAs and subsequent 5-y change in body weight and waist circumference. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1148-1157	7	6
92	Activation of the angiopoietin-like 4 (ANGPLT4) gene by milk fat and casein. <i>International Dairy Journal</i> , 2014 , 36, 136-142	3.5	6
91	Plant extracts of winter savory, purple coneflower, buckwheat and black elder activate PPAR- α in COS-1 cells but do not lower blood glucose in Db/db mice in vivo. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 377-83	3.9	6
90	Macronutrients and obesity: views, news and reviews. <i>Future Lipidology</i> , 2008 , 3, 43-74		6

89	Maternal prenatal gut microbiota composition predicts child behaviour. <i>EBioMedicine</i> , 2021 , 68, 103400	8.8	6
88	Dietary Proteins, Brown Fat, and Adiposity. <i>Frontiers in Physiology</i> , 2018 , 9, 1792	4.6	6
87	Reply to: Transformation of naked mole-rat cells. <i>Nature</i> , 2020 , 583, E8-E13	50.4	5
86	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,	6.7	5
85	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	2.2	5
84	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	4.5	5
83	In vitro screening of inhibition of PPAR- α activity as a first step in identification of potential breast carcinogens. <i>Human and Experimental Toxicology</i> , 2015 , 34, 1106-18	3.4	5
82	Characterization of two isoalleles and three mutations in both isoforms of purified recombinant human porphobilinogen deaminase. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2005 , 65, 93-105	2	5
81	Expression and post-translational modification of human 4-hydroxy-phenylpyruvate dioxygenase. <i>Cell Biology International</i> , 2002 , 26, 615-25	4.5	5
80	Synthesis and biological evaluation of dihydropyrano-[2,3-c]pyrazoles as a new class of PPAR γ partial agonists. <i>PLoS ONE</i> , 2017 , 12, e0162642	3.7	5
79	Inter-determination of blood metabolite levels and gut microbiome supported by Mendelian randomization		5
78	Dissecting the expression landscape of mitochondrial genes in lung squamous cell carcinoma and lung adenocarcinoma. <i>Oncology Letters</i> , 2018 , 16, 3992-4000	2.6	4
77	FGF: a web tool for Fishing Gene Family in a whole genome database. <i>Nucleic Acids Research</i> , 2007 , 35, W121-5	20.1	4
76	Whole-genome sequence of the planarian <i>Dugesia japonica</i> combining Illumina and PacBio data.. <i>Genomics</i> , 2022 , 114, 110293	4.3	4
75	Tissue Inhibitor Of Matrix Metalloproteinase-1 Is Required for High-Fat Diet-Induced Glucose Intolerance and Hepatic Steatosis in Mice. <i>PLoS ONE</i> , 2015 , 10, e0132910	3.7	4
74	M-GWAS for the Gut Microbiome in Chinese Adults Illuminates on Complex Diseases. <i>SSRN Electronic Journal</i> ,	1	4
73	The vagino-cervical microbiome as a woman's life history		4
72	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	3.9	4

71	An Expanded Gene Catalog of Mouse Gut Metagenomes. <i>MSphere</i> , 2021 , 6,	5	4
70	MetaPGN: a pipeline for construction and graphical visualization of annotated pangenome networks. <i>GigaScience</i> , 2018 , 7,	7.6	4
69	Cervicovaginal microbiome dynamics after taking oral probiotics. <i>Journal of Genetics and Genomics</i> , 2021 , 48, 716-726	4	4
68	Dietary n-6 PUFA, carbohydrate:protein ratio and change in body weight and waist circumference: a follow-up study. <i>Public Health Nutrition</i> , 2015 , 18, 1317-23	3.3	3
67	Comparative Analysis of Sample Extraction and Library Construction for Shotgun Metagenomics. <i>Bioinformatics and Biology Insights</i> , 2020 , 14, 1177932220915459	5.3	3
66	Targeted next-generation sequencing as a comprehensive test for Mendelian diseases: a cohort diagnostic study. <i>Scientific Reports</i> , 2018 , 8, 11646	4.9	3
65	Proteomic analysis of cAMP-mediated signaling during differentiation of 3 T3-L1 preadipocytes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 2096-107	4	3
64	Archaeology Augments Tibet's Genetic History--Response. <i>Science</i> , 2010 , 329, 1467-1468	33.3	3
63	Activation of liver X receptors prevents statin-induced death of 3T3-L1 preadipocytes. <i>Journal of Biological Chemistry</i> , 2008 , 283, 22723-36	5.4	3
62	Transcription in vitro of Tetrahymena class II and class III genes. <i>Journal of Biological Chemistry</i> , 1995 , 270, 7601-8	5.4	3
61	Structure of the rat gene encoding the multifunctional acyl-CoA-binding protein: conservation of intron 1 sequences in rodents and man. Addendum. <i>Gene</i> , 1996 , 173, 239-40	3.8	3
60	The female urinary microbiota in relation to the reproductive tract microbiota. <i>GigaByte</i> , 2020 , 1-9		3
59	Role of adipocyte lipid-binding protein (ALBP) and acyl-CoA binding protein (ACBP) in PPAR-mediated transactivation 2002 , 157-164		3
58	Over 50000 metagenomically assembled draft genomes for the human oral microbiome reveal new taxa		3
57	Characterization and description of Faecalibacterium butyricigenans sp. nov. and F. longum sp. nov., isolated from human faeces. <i>Scientific Reports</i> , 2021 , 11, 11340	4.9	3
56	Taxonomic Description and Genome Sequence of sp. nov., a Novel Cholesterol-Lowering Bacterium Isolated From Human Gut. <i>Frontiers in Microbiology</i> , 2021 , 12, 632361	5.7	3
55	The maternal gut microbiome during pregnancy and offspring allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 669-678	11.5	3
54	The draft genome of mandrill (Mandrillus sphinx): An Old World monkey. <i>Scientific Reports</i> , 2020 , 10, 2431	4.9	2

53	Sequencing reveals protective and pathogenic effects on development of diabetes of rare GLIS3 variants. <i>PLoS ONE</i> , 2019 , 14, e0220805	3.7	2
52	Improving Species Identification of Ancient Mammals Based on Next-Generation Sequencing Data. <i>Genes</i> , 2019 , 10,	4.2	2
51	Pocket proteins control white versus brown fat cell differentiation. <i>Cell Cycle</i> , 2006 , 5, 341-2	4.7	2
50	Protein expression in yeasts. <i>Methods in Molecular Biology</i> , 2003 , 232, 111-25	1.4	2
49	Chromatin structure and conserved sequence elements in genes encoding ribosomal proteins in <i>Tetrahymena thermophila</i> . <i>FEBS Journal</i> , 1992 , 210, 621-7		2
48	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	16.6	2
47	Phenotypic presentation of the FH-Cincinnati type 5 low density lipoprotein receptor mutation. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1996 , 56, 75-85	2	2
46	A simple bead-based method for generating cost-effective co-barcoded sequence reads. <i>Protocol Exchange</i> ,		2
45	Dampened PI3K/AKT signaling contributes to cancer resistance of the naked mole rat		2
44	Age-dependent sexual dimorphism in the adult human gut microbiota		2
43	Lysates of <i>Methylococcus capsulatus</i> Bath induce a lean-like microbiota, intestinal FoxP3+ROR γ +IL-17+Tregs and improve metabolism		2
42	Data integration for prediction of weight loss in randomized controlled dietary trials. <i>Scientific Reports</i> , 2020 , 10, 20103	4.9	2
41	Small Intestinal Tuft Cell Activity Associates With Energy Metabolism in Diet-Induced Obesity. <i>Frontiers in Immunology</i> , 2021 , 12, 629391	8.4	2
40	Dairy consumption and physical fitness tests associated with fecal microbiome in a Chinese cohort. <i>Medicine in Microecology</i> , 2021 , 100038	4.3	2
39	Disease trends in a young Chinese cohort according to fecal metagenome and plasma metabolites. <i>Medicine in Microecology</i> , 2021 , 100037	4.3	2
38	<i>Saccharomyces carlsbergensis</i> contains two functional genes encoding the Acyl-CoA binding protein, one similar to the ACB1 gene from <i>S. cerevisiae</i> and one identical to the ACB1 gene from <i>S. monacensis</i> 1997 , 13, 1409		2
37	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	2.8	2
36	The function of acyl-CoA-binding protein (ACBP)/Diazepam binding inhibitor (DBI) 1993 , 129-138		2

35	Effect of gastrointestinal alterations mimicking elderly conditions on in vitro digestion of meat and soy proteins.. <i>Food Chemistry</i> , 2022 , 383, 132465	8.5	2
34	Genomic structure of the human mitochondrial chaperonin genes: HSP60 and HSP10 are localised head to head on chromosome2 separated by a bidirectional promoter. <i>Human Genetics</i> , 2003 , 112, 436	6.3	1
33	Ribosome synthesis in Tetrahymena: a quantitative analysis. <i>Cell Biology International</i> , 2000 , 23, 729-38	4.5	1
32	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. <i>Experimental Cell Research</i> , 1986 , 164, 471-80	4.2	1
31	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).. <i>Journal of Applied Microbiology</i> , 2022 ,	4.7	1
30	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 ³		1
29	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	5.9	1
28	M-GWAS for the gut microbiome in Chinese adults illuminates on complex diseases		1
27	Identification of gut microbiome markers for schizophrenia delineates a potential role of Streptococcus		1
26	An expanded gene catalog of the mouse gut metagenome		1
25	A catalog of microbial genes from the bovine rumen unveils a specialized and diverse biomass-degrading environment		1
24	Adipocyte Differentiation is Dependent on the Induction of the Acyl-CoA Binding Protein 1995 , 365-374		1
23	Dietary Linoleic Acid Elevates Endogenous Endocannabinoids (2-AG and Anandamide) and Induces Obesity. <i>FASEB Journal</i> , 2013 , 27, 48.3	0.9	1
22	Response to: 'Correspondence on 'Safety and efficacy of faecal microbiota transplantation for active peripheral psoriatic arthritis: an exploratory randomised placebo-controlled trial" by McGonagle. <i>Annals of the Rheumatic Diseases</i> , 2021 ,	2.4	1
21	A porcine brain-wide RNA editing landscape. <i>Communications Biology</i> , 2021 , 4, 717	6.7	1
20	Salmon in Combination with High Glycemic Index Carbohydrates Increases Diet-Induced Thermogenesis Compared with Salmon with Low Glycemic Index Carbohydrates?An Acute Randomized Cross-Over Meal Test Study. <i>Nutrients</i> , 2019 , 11,	6.7	1
19	Status and perspectives of biomarker validation for diagnosis, stratification, and treatment. <i>Public Health</i> , 2021 , 190, 173-175	4	1
18	Longitudinal Study of the Drug Resistance in of a Tertiary Hospital, China: Phenotypic Epidemiology Analysis (2013-2018). <i>Infection and Drug Resistance</i> , 2021 , 14, 613-626	4.2	1

17	Adipose MDM2 regulates systemic insulin sensitivity. <i>Scientific Reports</i> , 2021 , 11, 21839	4.9	o
16	Nutritional composition and bioactive compounds of <i>Melipona seminigra</i> pot-pollen from Amazonas, Brazil. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 4907-4915	4.3	o
15	Chromosome-scale genomes provide new insights into subspecies divergence and evolutionary characteristics of the giant panda. <i>Science Bulletin</i> , 2021 , 66, 2002-2013	10.6	o
14	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	7	o
13	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	5.3	o
12	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 , e0269821	8.9	o
11	Protein-binding elements in the proximal parotid secretory protein gene enhancer essential for salivary-gland-specific expression. <i>Biochemical Journal</i> , 2001 , 357, 537-44	3.8	
10	Protein-binding elements in the proximal parotid secretory protein gene enhancer essential for salivary-gland-specific expression. <i>Biochemical Journal</i> , 2001 , 357, 537-544	3.8	
9	The Tetrahymena homolog of bacterial and mammalian 4-hydroxyphenylpyruvate dioxygenases localizes to membranes of the endoplasmic reticulum. <i>Cell Biology International</i> , 2000 , 23, 719-28	4.5	
8	The Phosphorylated Ribosomal Protein in Tetrahymena is Homologous with Mammalian Ribosomal Protein S4 1993 , 321-324		
7	Genome organization and expression of the rat ACBP gene family 1993 , 55-61		
6	Systems-wide effects of short-term feed deprivation in obese mice. <i>Scientific Reports</i> , 2021 , 11, 5716	4.9	
5	Amendments: Author Correction: A catalog of the mouse gut metagenome. <i>Nature Biotechnology</i> , 2019 , 37, 102	44.5	
4	Analysis of beta-catenin, Ki-ras, and microsatellite stability in azoxymethane-induced colon tumors of BDIX/Orl Ico rats. <i>Comparative Medicine</i> , 2003 , 53, 633-8	1.6	
3	Proteomic Analysis of the Protective Effect of Eriodictyol on Benzo(a)pyrene-Induced Caco-2 Cytotoxicity.. <i>Frontiers in Nutrition</i> , 2022 , 9, 839364	6.2	
2	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 , e2101124	5.9	
1	Profiling the Atopic Dermatitis Epidermal Transcriptome by Tape Stripping and BRB-seq. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6140	6.3	