

Karsten Kristiansen

List of Publications by Year in descending order

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Version: 2024-02-01

410
papers

77,448
citations

2322

98
h-index

568

263
g-index

445
all docs

445
docs citations

445
times ranked

84955
citing authors

#	ARTICLE	IF	CITATIONS
1	A human gut microbial gene catalogue established by metagenomic sequencing. <i>Nature</i> , 2010, 464, 59-65.	27.8	9,342
2	A metagenome-wide association study of gut microbiota in type 2 diabetes. <i>Nature</i> , 2012, 490, 55-60.	27.8	5,345
3	Richness of human gut microbiome correlates with metabolic markers. <i>Nature</i> , 2013, 500, 541-546.	27.8	3,641
4	SOAP2: an improved ultrafast tool for short read alignment. <i>Bioinformatics</i> , 2009, 25, 1966-1967.	4.1	3,329
5	SOAP: short oligonucleotide alignment program. <i>Bioinformatics</i> , 2008, 24, 713-714.	4.1	2,766
6	De novo assembly of human genomes with massively parallel short read sequencing. <i>Genome Research</i> , 2010, 20, 265-272.	5.5	2,516
7	Dynamics and Stabilization of the Human Gut Microbiome during the First Year of Life. <i>Cell Host and Microbe</i> , 2015, 17, 690-703.	11.0	2,276
8	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	27.8	1,886
9	An integrated catalog of reference genes in the human gut microbiome. <i>Nature Biotechnology</i> , 2014, 32, 834-841.	17.5	1,664
10	Disentangling type 2 diabetes and metformin treatment signatures in the human gut microbiota. <i>Nature</i> , 2015, 528, 262-266.	27.8	1,627
11	Human gut microbes impact host serum metabolome and insulin sensitivity. <i>Nature</i> , 2016, 535, 376-381.	27.8	1,506
12	Sequencing of 50 Human Exomes Reveals Adaptation to High Altitude. <i>Science</i> , 2010, 329, 75-78.	12.6	1,339
13	The genome of the cucumber, <i>Cucumis sativus</i> L.. <i>Nature Genetics</i> , 2009, 41, 1275-1281.	21.4	1,317
14	The oral and gut microbiomes are perturbed in rheumatoid arthritis and partly normalized after treatment. <i>Nature Medicine</i> , 2015, 21, 895-905.	30.7	1,306
15	Taxonomic structure and functional association of foxtail millet root microbiome. <i>GigaScience</i> , 2017, 6, 1-12.	6.4	1,228
16	Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. <i>Nature Medicine</i> , 2017, 23, 859-868.	30.7	1,074
17	Gut microbiome development along the colorectal adenoma-carcinoma sequence. <i>Nature Communications</i> , 2015, 6, 6528.	12.8	1,062
18	The sequence and de novo assembly of the giant panda genome. <i>Nature</i> , 2010, 463, 311-317.	27.8	1,058

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19	The gut microbiome in atherosclerotic cardiovascular disease. <i>Nature Communications</i> , 2017, 8, 845.	12.8	1,029
20	Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes. <i>Nature Biotechnology</i> , 2014, 32, 822-828.	17.5	909
21	Metagenomic analysis of faecal microbiome as a tool towards targeted non-invasive biomarkers for colorectal cancer. <i>Gut</i> , 2017, 66, 70-78.	12.1	865
22	SNP detection for massively parallel whole-genome resequencing. <i>Genome Research</i> , 2009, 19, 1124-1132.	5.5	855
23	The diploid genome sequence of an Asian individual. <i>Nature</i> , 2008, 456, 60-65.	27.8	834
24	Resequencing 50 accessions of cultivated and wild rice yields markers for identifying agronomically important genes. <i>Nature Biotechnology</i> , 2012, 30, 105-111.	17.5	818
25	Ancient human genome sequence of an extinct Palaeo-Eskimo. <i>Nature</i> , 2010, 463, 757-762.	27.8	750
26	An Aboriginal Australian Genome Reveals Separate Human Dispersals into Asia. <i>Science</i> , 2011, 334, 94-98.	12.6	675
27	Frequent mutations of chromatin remodeling genes in transitional cell carcinoma of the bladder. <i>Nature Genetics</i> , 2011, 43, 875-878.	21.4	638
28	Single-Cell Exome Sequencing Reveals Single-Nucleotide Mutation Characteristics of a Kidney Tumor. <i>Cell</i> , 2012, 148, 886-895.	28.9	622
29	The microbiota continuum along the female reproductive tract and its relation to uterine-related diseases. <i>Nature Communications</i> , 2017, 8, 875.	12.8	572
30	Single-Cell Exome Sequencing and Monoclonal Evolution of a JAK2-Negative Myeloproliferative Neoplasm. <i>Cell</i> , 2012, 148, 873-885.	28.9	503
31	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.	13.3	465
32	The sheep genome illuminates biology of the rumen and lipid metabolism. <i>Science</i> , 2014, 344, 1168-1173.	12.6	436
33	Deep RNA sequencing at single base-pair resolution reveals high complexity of the rice transcriptome. <i>Genome Research</i> , 2010, 20, 646-654.	5.5	435
34	A catalog of the mouse gut metagenome. <i>Nature Biotechnology</i> , 2015, 33, 1103-1108.	17.5	422
35	A reference gene catalogue of the pig gut microbiome. <i>Nature Microbiology</i> , 2016, 1, 16161.	13.3	416
36	1,520 reference genomes from cultivated human gut bacteria enable functional microbiome analyses. <i>Nature Biotechnology</i> , 2019, 37, 179-185.	17.5	402

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37	Single base-resolution methylome of the silkworm reveals a sparse epigenomic map. <i>Nature Biotechnology</i> , 2010, 28, 516-520.	17.5	349
38	Multi-cohort analysis of colorectal cancer metagenome identified altered bacteria across populations and universal bacterial markers. <i>Microbiome</i> , 2018, 6, 70.	11.1	344
39	Persistent Organic Pollutant Exposure Leads to Insulin Resistance Syndrome. <i>Environmental Health Perspectives</i> , 2010, 118, 465-471.	6.0	326
40	Aberrant intestinal microbiota in individuals with prediabetes. <i>Diabetologia</i> , 2018, 61, 810-820.	6.3	313
41	Analyses of gut microbiota and plasma bile acids enable stratification of patients for antidiabetic treatment. <i>Nature Communications</i> , 2017, 8, 1785.	12.8	312
42	Resequencing of 200 human exomes identifies an excess of low-frequency non-synonymous coding variants. <i>Nature Genetics</i> , 2010, 42, 969-972.	21.4	297
43	Frequent mutations of genes encoding ubiquitin-mediated proteolysis pathway components in clear cell renal cell carcinoma. <i>Nature Genetics</i> , 2012, 44, 17-19.	21.4	295
44	TreeFam: 2008 Update. <i>Nucleic Acids Research</i> , 2007, 36, D735-D740.	14.5	294
45	The DNA Methylome of Human Peripheral Blood Mononuclear Cells. <i>PLoS Biology</i> , 2010, 8, e1000533.	5.6	290
46	Whole grain-rich diet reduces body weight and systemic low-grade inflammation without inducing major changes of the gut microbiome: a randomised cross-over trial. <i>Gut</i> , 2019, 68, 83-93.	12.1	278
47	Shotgun Metagenomics of 250 Adult Twins Reveals Genetic and Environmental Impacts on the Gut Microbiome. <i>Cell Systems</i> , 2016, 3, 572-584.e3.	6.2	261
48	The Retinoblastoma-Histone Deacetylase 3 Complex Inhibits PPAR γ and Adipocyte Differentiation. <i>Developmental Cell</i> , 2002, 3, 903-910.	7.0	249
49	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, 4112-4117.	7.1	244
50	Building the sequence map of the human pan-genome. <i>Nature Biotechnology</i> , 2010, 28, 57-63.	17.5	237
51	Choice of bacterial DNA extraction method from fecal material influences community structure as evaluated by metagenomic analysis. <i>Microbiome</i> , 2014, 2, 19.	11.1	228
52	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, 213-222.	3.8	227
53	Microarray Analyses during Adipogenesis: Understanding the Effects of Wnt Signaling on Adipogenesis and the Roles of Liver X Receptor β in Adipocyte Metabolism. <i>Molecular and Cellular Biology</i> , 2002, 22, 5989-5999.	2.3	227
54	Human Multipotent Adipose-Derived Stem Cells Differentiate into Functional Brown Adipocytes. <i>Stem Cells</i> , 2009, 27, 2753-2760.	3.2	223

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55	Regulation of adipocyte differentiation and function by polyunsaturated fatty acids. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1740, 266-286.	3.8	218
56	Modulation of Keratinocyte Gene Expression and Differentiation by PPAR-Selective Ligands and Tetradecylthioacetic Acid. <i>Journal of Investigative Dermatology</i> , 2001, 116, 702-712.	0.7	213
57	Developmental trajectory of the healthy human gut microbiota during the first 5 years of life. <i>Cell Host and Microbe</i> , 2021, 29, 765-776.e3.	11.0	208
58	Metagenome-wide association of gut microbiome features for schizophrenia. <i>Nature Communications</i> , 2020, 11, 1612.	12.8	204
59	Transplantation of microbiota from drug-free patients with schizophrenia causes schizophrenia-like abnormal behaviors and dysregulated kynurenine metabolism in mice. <i>Molecular Psychiatry</i> , 2020, 25, 2905-2918.	7.9	202
60	Dietary Linoleic Acid Elevates Endogenous 2-AG and Anandamide and Induces Obesity. <i>Obesity</i> , 2012, 20, 1984-1994.	3.0	200
61	Ion stability of nucleic acids in infrared matrix-assisted laser desorption/ionization mass spectrometry. <i>Nucleic Acids Research</i> , 1993, 21, 3347-3357.	14.5	193
62	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.	2.5	190
63	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.), 1998, 282, 290-300.		184
64	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.	1.5	177
65	Efficient and unique cobarcoding of second-generation sequencing reads from long DNA molecules enabling cost-effective and accurate sequencing, haplotyping, and de novo assembly. <i>Genome Research</i> , 2019, 29, 798-808.	5.5	176
66	UCP1 Induction during Recruitment of Brown Adipocytes in White Adipose Tissue Is Dependent on Cyclooxygenase Activity. <i>PLoS ONE</i> , 2010, 5, e11391.	2.5	174
67	Prevotella-to-Bacteroides ratio predicts body weight and fat loss success on 24-week diets varying in macronutrient composition and dietary fiber: results from a post-hoc analysis. <i>International Journal of Obesity</i> , 2019, 43, 149-157.	3.4	173
68	Assessment of the cPAS-based BGISEQ-500 platform for metagenomic sequencing. <i>GigaScience</i> , 2018, 7, 1-8.	6.4	168
69	Interplay between food and gut microbiota in health and disease. <i>Food Research International</i> , 2019, 115, 23-31.	6.2	168
70	Nutritional regulation and role of peroxisome proliferator-activated receptor γ in fatty acid catabolism in skeletal muscle. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003, 1633, 43-50.	2.4	166
71	Novel variation and de novo mutation rates in population-wide de novo assembled Danish trios. <i>Nature Communications</i> , 2015, 6, 5969.	12.8	164
72	Regulatory circuits controlling white versus brown adipocyte differentiation. <i>Biochemical Journal</i> , 2006, 398, 153-168.	3.7	161

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73	Peroxisome Proliferator-activated Receptor $\hat{1}$ (PPAR $\hat{1}$)-mediated Regulation of Preadipocyte Proliferation and Gene Expression Is Dependent on cAMP Signaling. <i>Journal of Biological Chemistry</i> , 2001, 276, 3175-3182.	3.4	156
74	Integrated metabolomics and metagenomics analysis of plasma and urine identified microbial metabolites associated with coronary heart disease. <i>Scientific Reports</i> , 2016, 6, 22525.	3.3	143
75	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, 3804-3816.	2.3	136
76	Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. <i>Microbiome</i> , 2019, 7, 2.	11.1	135
77	High-fat feeding rather than obesity drives taxonomical and functional changes in the gut microbiota in mice. <i>Microbiome</i> , 2017, 5, 43.	11.1	132
78	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, 71-77.	3.8	131
79	Activation of Peroxisome Proliferator-activated Receptor $\hat{3}$ Bypasses the Function of the Retinoblastoma Protein in Adipocyte Differentiation. <i>Journal of Biological Chemistry</i> , 1999, 274, 2386-2393.	3.4	130
80	Sequencing and de novo assembly of 150 genomes from Denmark as a population reference. <i>Nature</i> , 2017, 548, 87-91.	27.8	130
81	The formation of a native-like structure containing eight conserved hydrophobic residues is rate limiting in two-state protein folding of ACBP. <i>Nature Structural Biology</i> , 1999, 6, 594-601.	9.7	128
82	Disruption of the Gene Encoding the Acyl-CoA-binding Protein () Perturbs Acyl-CoA Metabolism in. <i>Journal of Biological Chemistry</i> , 1996, 271, 22514-22521.	3.4	125
83	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, 1072-1086.	6.2	124
84	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. <i>Nature Communications</i> , 2018, 9, 4630.	12.8	124
85	Micro RNA $\hat{455}$ regulates brown adipogenesis via a novel HIF-1 $\hat{1}$ $\hat{1}$ AMPK $\hat{1}$ PGC $\hat{1}$ signaling network. <i>EMBO Reports</i> , 2015, 16, 1378-1393.	4.5	123
86	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. <i>Diabetologia</i> , 2013, 56, 298-310.	6.3	119
87	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, 539-549.	3.7	118
88	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. <i>Immunity</i> , 2016, 44, 860-874.	14.3	118
89	The function of acyl-CoA-binding protein (ACBP)/Diazepam binding inhibitor (DBI). <i>Molecular and Cellular Biochemistry</i> , 1993, 123, 129-138.	3.1	117
90	Effects of Wnt Signaling on Brown Adipocyte Differentiation and Metabolism Mediated by PGC- $\hat{1}$. <i>Molecular and Cellular Biology</i> , 2005, 25, 1272-1282.	2.3	117

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91	Structural variation in two human genomes mapped at single-nucleotide resolution by whole genome de novo assembly. <i>Nature Biotechnology</i> , 2011, 29, 723-730.	17.5	113
92	Mammalian tissues defective in nonsense-mediated mRNA decay display highly aberrant splicing patterns. <i>Genome Biology</i> , 2012, 13, R35.	9.6	113
93	Genetic Architecture of Vitamin B12 and Folate Levels Uncovered Applying Deeply Sequenced Large Datasets. <i>PLoS Genetics</i> , 2013, 9, e1003530.	3.5	112
94	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, 417-427.	2.6	109
95	Acyl-CoA-binding protein/diazepam-binding inhibitor gene and pseudogenes. <i>Journal of Molecular Biology</i> , 1992, 228, 1011-1022.	4.2	107
96	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 [published erratum appears in <i>Hum Mol Genet</i> 1996 Sep;5(9):1390]. <i>Human Molecular Genetics</i> , 1996, 5, 461-472.	2.9	106
97	Expression and Localization of Peroxisome Proliferator-Activated Receptors and Nuclear Factor κ B in Normal and Lesional Psoriatic Skin. <i>Journal of Investigative Dermatology</i> , 2003, 121, 1104-1117.	0.7	105
98	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-E392.	3.5	105
99	Matrix assisted laser desorption/ionization mass spectrometry of enzymatically synthesized RNA up to 150 kDa. <i>Nucleic Acids Research</i> , 1994, 22, 3866-3870.	14.5	102
100	DNA sequence analysis by MALDI mass spectrometry. <i>Nucleic Acids Research</i> , 1998, 26, 2554-2559.	14.5	102
101	Peroxisome Proliferator-Activated Receptor δ Recruits the Positive Transcription Elongation Factor b Complex to Activate Transcription and Promote Adipogenesis. <i>Molecular Endocrinology</i> , 2006, 20, 1494-1505.	3.7	101
102	Distinct gut metagenomics and metaproteomics signatures in prediabetics and treatment-naïve type 2 diabetics. <i>EBioMedicine</i> , 2019, 47, 373-383.	6.1	101
103	Single-cell sequencing analysis characterizes common and cell-lineage-specific mutations in a muscle-invasive bladder cancer. <i>GigaScience</i> , 2012, 1, 12.	6.4	99
104	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.	4.2	99
105	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, 254-262.	2.4	98
106	The Gene Encoding the Acyl-CoA-binding Protein Is Activated by Peroxisome Proliferator-activated Receptor δ through an Intronic Response Element Functionally Conserved between Humans and Rodents. <i>Journal of Biological Chemistry</i> , 2002, 277, 26821-26830.	3.4	94
107	Frequent alterations in cytoskeleton remodelling genes in primary and metastatic lung adenocarcinomas. <i>Nature Communications</i> , 2015, 6, 10131.	12.8	93
108	Origin and evolution of new exons in rodents. <i>Genome Research</i> , 2005, 15, 1258-1264.	5.5	91

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109	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, 331-342.	1.8	89
110	Eosinophilic airway inflammation in asthmatic patients is associated with an altered airway microbiome. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 407-417.e11.	2.9	89
111	Nuclear receptor corepressor-dependent repression of peroxisome-proliferator-activated receptor β -mediated transactivation. <i>Biochemical Journal</i> , 2002, 363, 157-165.	3.7	88
112	Ibuprofen alters human testicular physiology to produce a state of compensated hypogonadism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E715-E724.	7.1	88
113	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, 706-712.	4.2	87
114	Sex- and age-related trajectories of the adult human gut microbiota shared across populations of different ethnicities. <i>Nature Aging</i> , 2021, 1, 87-100.	11.6	86
115	Links between Dietary Protein Sources, the Gut Microbiota, and Obesity. <i>Frontiers in Physiology</i> , 2017, 8, 1047.	2.8	83
116	Conserved Residues and Their Role in the Structure, Function, and Stability of Acyl-Coenzyme A Binding Protein. <i>Biochemistry</i> , 1999, 38, 2386-2394.	2.5	82
117	Quercetin enhances adiponectin secretion by a PPAR- β independent mechanism. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 41, 16-22.	4.0	82
118	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, 525-531.	1.5	77
119	Two distinct metacommunities characterize the gut microbiota in Crohn's disease patients. <i>GigaScience</i> , 2017, 6, 1-11.	6.4	75
120	Rapid identification of DNA-binding proteins by mass spectrometry. <i>Nature Biotechnology</i> , 1999, 17, 884-888.	17.5	74
121	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, 11033-11040.	5.2	74
122	De novo assembly of a haplotype-resolved human genome. <i>Nature Biotechnology</i> , 2015, 33, 617-622.	17.5	73
123	All-Trans Retinoic Acid Increases Oxidative Metabolism in Mature Adipocytes. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 1061-1072.	1.6	72
124	cAMP-dependent Signaling Regulates the Adipogenic Effect of n-6 Polyunsaturated Fatty Acids. <i>Journal of Biological Chemistry</i> , 2008, 283, 7196-7205.	3.4	72
125	The metagenome of the female upper reproductive tract. <i>GigaScience</i> , 2018, 7, .	6.4	68
126	A human homologue of <i>Escherichia coli</i> ClpP caseinolytic protease: recombinant expression, intracellular processing and subcellular localization. <i>Biochemical Journal</i> , 1998, 331, 309-316.	3.7	67

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127	Activation of the nuclear receptor PPAR β by metabolites isolated from sage (<i>Salvia officinalis</i> L.). <i>Journal of Ethnopharmacology</i> , 2010, 132, 127-133.	4.1	66
128	Genome Sequencing Explores Complexity of Chromosomal Abnormalities in Recurrent Miscarriage. <i>American Journal of Human Genetics</i> , 2019, 105, 1102-1111.	6.2	66
129	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, 6303-6317.	6.4	65
130	An improved PCR-based method for site directed mutagenesis using megaprimers. <i>Molecular and Cellular Probes</i> , 1998, 12, 345-348.	2.1	64
131	Hormone receptors in gills of smolting Atlantic salmon, <i>Salmo salar</i> : Expression of growth hormone, prolactin, mineralocorticoid and glucocorticoid receptors and 11 β -hydroxysteroid dehydrogenase type 2. <i>General and Comparative Endocrinology</i> , 2007, 152, 295-303.	1.8	63
132	The Baseline Gut Microbiota Directs Dieting-Induced Weight Loss Trajectories. <i>Gastroenterology</i> , 2021, 160, 2029-2042.e16.	1.3	63
133	Inhibition of Adipocyte Differentiation by Resistin-like Molecule β . <i>Journal of Biological Chemistry</i> , 2002, 277, 42011-42016.	3.4	61
134	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, 2320-2330.	4.2	61
135	Habitat fragmentation is associated with dietary shifts and microbiota variability in common vampire bats. <i>Ecology and Evolution</i> , 2019, 9, 6508-6523.	1.9	61
136	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.	2.8	60
137	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, 1747-1755.	2.8	59
138	Nuclear receptor corepressor-dependent repression of peroxisome-proliferator-activated receptor β -mediated transactivation. <i>Biochemical Journal</i> , 2002, 363, 157.	3.7	59
139	Identification of bioactive compounds from flowers of black elder (<i>Sambucus nigra</i> L.) that activate the human peroxisome proliferator-activated receptor (PPAR) β . <i>Phytotherapy Research</i> , 2010, 24, S129-32.	5.8	59
140	Cross Talk between Insulin and Bone Morphogenetic Protein Signaling Systems in Brown Adipogenesis. <i>Molecular and Cellular Biology</i> , 2010, 30, 4224-4233.	2.3	59
141	Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility. <i>Toxicological Sciences</i> , 2016, 150, 178-189.	3.1	59
142	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.	2.8	59
143	The Human Milk Microbiota is Modulated by Maternal Diet. <i>Microorganisms</i> , 2019, 7, 502.	3.6	59
144	Systematic Comparative Evaluation of Methods for Investigating the TCR β Repertoire. <i>PLoS ONE</i> , 2016, 11, e0152464.	2.5	58

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145	STAUROSPORINE-INDUCED CELL DEATH INTETRAHYMENA THERMOPHILAHAS MIXED CHARACTERISTICS OF BOTH APOPTOTIC AND AUTOPHAGIC DEGENERATION. <i>Cell Biology International</i> , 1998, 22, 591-598.	3.0	57
146	Comprehensive genomic profiling of lung cancer using a validated panel to explore therapeutic targets in East Asian patients. <i>Cancer Science</i> , 2017, 108, 2487-2494.	3.9	57
147	A gene catalogue of the Sprague-Dawley rat gut metagenome. <i>GigaScience</i> , 2018, 7, .	6.4	57
148	Multi-omics analyses of serum metabolome, gut microbiome and brain function reveal dysregulated microbiota-gut-brain axis in bipolar depression. <i>Molecular Psychiatry</i> , 2022, 27, 4123-4135.	7.9	57
149	The tumor suppressors pRB and p53 as regulators of adipocyte differentiation and function. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 235-246.	3.4	56
150	Structure-Activity Study of Dihydrocinnamic Acids and Discovery of the Potent FFA1 (GPR40) Agonist TUG-469. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 345-349.	2.8	56
151	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. <i>Frontiers in Immunology</i> , 2018, 9, 908.	4.8	56
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