Michael Muller

List of Publications by Year
in descending order

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267 papers	24,068 citations	4942 84 h-index	9073 144 g-index
300 all docs	300 docs citations	300 times ranked	29833 citing authors

#	Article	IF	Citations
1	Diverging metabolic effects of 2 energy-restricted diets differing in nutrient quality: a 12-week randomized controlled trial in subjects with abdominal obesity. American Journal of Clinical Nutrition, 2022, 116, 132-150.	2.2	15
2	DHA-Enriched Fish Oil Ameliorates Deficits in Cognition Associated with Menopause and the APOE4 Genotype in Rodents. Nutrients, 2022, 14, 1698.	1.7	5
3	Chronic Consumption of Cranberries (Vaccinium macrocarpon) for 12 Weeks Improves Episodic Memory and Regional Brain Perfusion in Healthy Older Adults: A Randomised, Placebo-Controlled, Parallel-Groups Feasibility Study. Frontiers in Nutrition, 2022, 9, .	1.6	11
4	Microbial-derived metabolites as a risk factor of age-related cognitive decline and dementia. Molecular Neurodegeneration, 2022, 17, .	4.4	59
5	Citrus Polyphenols in Brain Health and Disease: Current Perspectives. Frontiers in Neuroscience, 2021, 15, 640648.	1.4	33
6	APOE4 genotype exacerbates the impact of menopause on cognition and synaptic plasticity in APOEâ€TR mice. FASEB Journal, 2021, 35, e21583.	0.2	21
7	Anthocyanins Promote Learning through Modulation of Synaptic Plasticity Related Proteins in an Animal Model of Ageing. Antioxidants, 2021, 10, 1235.	2.2	12
8	Regulation of bloodâ€“brain barrier integrity by microbiome-associated methylamines and cognition by trimethylamine N-oxide. Microbiome, 2021, 9, 235.	4.9	65
9	Differential Influence of Soluble Dietary Fibres on Intestinal and Hepatic Carbohydrate Response. Nutrients, 2021, 13, 4278.	1.7	12
10	(-)-Epicatechin and NADPH oxidase inhibitors prevent bile acid-induced Caco-2 monolayer permeabilization through ERK1/2 modulation. Redox Biology, 2020, 28, 101360.	3.9	35
11	Effects of Casein, Chicken, and Pork Proteins on the Regulation of Body Fat and Blood Inflammatory Factors and Metabolite Patterns Are Largely Dependent on the Protein Level and Less Attributable to the Protein Source. Journal of Agricultural and Food Chemistry, 2020, 68, 9398-9407.	2.4	9
12	Dietary Protein Sources Differentially Affect the Growth of Akkermansia muciniphila and Maintenance of the Gut Mucus Barrier in Mice. Molecular Nutrition and Food Research, 2019, 63, 1900589.	1.5	32
13	APOEgenotype influences the gut microbiome structure and function in humans and mice: relevance for Alzheimer's disease pathophysiology. FASEB Journal, 2019, 33, 8221-8231.	0.2	124
14	Fineâ€Tuning of Sirtuin 1 Expression Is Essential to Protect the Liver From Cholestatic Liver Disease. Hepatology, 2019, 69, 699-716.	3.6	33
15	Plasticity of lifelong calorieâ€restricted C57<scp>BL</scp>/6J mice in adapting to a mediumâ€fat diet intervention at old age. Aging Cell, 2018, 17, e12696.	3.0	8
16	Impact of Flavonoids on Cellular and Molecular Mechanisms Underlying Age-Related Cognitive Decline and Neurodegeneration. Current Nutrition Reports, 2018, 7, 49-57.	2.1	75
17	Inhibition of PP2A by hesperetin may contribute to Akt and ERK1/2 activation status in cortical neurons. Archives of Biochemistry and Biophysics, 2018, 650, 14-21.	1.4	16
18	Lifelong calorie restriction affects indicators of colonic health in aging C57Bl/6J mice. Journal of Nutritional Biochemistry, 2018, 56, 152-164.	1.9	24

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19	Recognition of microbial viability via TLR8 drives TFH cell differentiation and vaccine responses. Nature Immunology, 2018, 19, 386-396.	7.0	139
20	SerpinA3N is a novel hypothalamic gene upregulated by a high-fat diet and leptin in mice. Genes and Nutrition, 2018, 13, 28.	1.2	29
21	Integrative analysis of gut microbiota composition, host colonic gene expression and intraluminal metabolites in aging C57BL/6J mice. Aging, 2018, 10, 930-950.	1.4	46
22	Purified Dietary Red and White Meat Proteins Show Beneficial Effects on Growth and Metabolism of Young Rats Compared to Casein and Soy Protein. Journal of Agricultural and Food Chemistry, 2018, 66, 9942-9951.	2.4	13
23	Fine tuning of SIRT1 expression is essential to protect the liver from cholestasis. Journal of Hepatology, 2018, 68, S453.	1.8	0
24	Metatranscriptome analysis of the microbial fermentation of dietary milk proteins in the murine gut. PLoS ONE, 2018, 13, e0194066.	1.1	14
25	Maternal exposure to a Westernâ€style diet causes differences in intestinal microbiota composition and gene expression of suckling mouse pups. Molecular Nutrition and Food Research, 2017, 61, 1600141.	1.5	33
26	The impact of protein quantity during energy restriction on genome-wide gene expression in adipose tissue of obese humans. International Journal of Obesity, 2017, 41, 1114-1120.	1.6	3
27	Identification of a mammalian silicon transporter. American Journal of Physiology - Cell Physiology, 2017, 312, C550-C561.	2.1	45
28	Intermittent calorie restriction largely counteracts the adverse health effects of a moderateâ€fat diet in aging C57BL/6J mice. Molecular Nutrition and Food Research, 2017, 61, 1600677.	1.5	13
29	Apolipoprotein E genotype status affects habitual human blood mononuclear cell gene expression and its response to fish oil intervention. Molecular Nutrition and Food Research, 2016, 60, 1649-1660.	1.5	7
30	Expression of protocadherin gamma in skeletal muscle tissue is associated with age and muscle weakness. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 604-614.	2.9	55
31	Dietary soy and meat proteins induce distinct physiological and gene expression changes in rats. Scientific Reports, 2016, 6, 20036.	1.6	45
32	Longer lifespan in male mice treated with a weakly estrogenic agonist, an antioxidant, an Î±â€glucosidase inhibitor or a Nrf2â€inducer. Aging Cell, 2016, 15, 872-884.	3.0	277
33	Fibroblast growth factor 21 reflects liver fat accumulation and dysregulation of signalling pathways in the liver of C57BL/6J mice. Scientific Reports, 2016, 6, 30484.	1.6	72
34	Differences in genome-wide gene expression response in peripheral blood mononuclear cells between young and old men upon caloric restriction. Genes and Nutrition, 2016, 11, 13.	1.2	6
35	Distinct physiological, plasma amino acid, and liver transcriptome responses to purified dietary beef, chicken, fish, and pork proteins in young rats. Molecular Nutrition and Food Research, 2016, 60, 1199-1205.	1.5	34
36	Comparative Proteomics Provides Insights into Metabolic Responses in Rat Liver to Isolated Soy and Meat Proteins. Journal of Proteome Research, 2016, 15, 1135-1142.	1.8	36

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37	Nonlinear transcriptomic response to dietary fat intake in the small intestine of C57BL/6J mice. BMC Genomics, 2016, 17, 106.	1.2	7
38	The Muscle Metabolome Differs between Healthy and Frail Older Adults. Journal of Proteome Research, 2016, 15, 499-509.	1.8	76
39	Combined Activities of JNK1 and JNK2 in Hepatocytes Protect Against Toxic Liver Injury. Gastroenterology, 2016, 150, 968-981.	0.6	82
40	Fish oil supplements, longevity and aging. Aging, 2016, 8, 1578-1582.	1.4	30
41	Behavioural changes are a major contributing factor in the reduction of sarcopenia in caloric-restricted ageing mice. Journal of Cachexia, Sarcopenia and Muscle, 2015, 6, 253-268.	2.9	40
42	A weekly alternating diet between caloric restriction and medium fat protects the liver from fatty liver development in middle-aged C57BL/6J mice. Molecular Nutrition and Food Research, 2015, 59, 533-543.	1.5	16
43	Maternal High-fat Diet Accelerates Development of CrohnÊ¼s Disease-like Ileitis in TNFÎ”ARE/WT Offspring. Inflammatory Bowel Diseases, 2015, 21, 2016-2025.	0.9	16
44	Fetal gut laser microdissection in combination with RNA preamplification enables epithelial-specific transcriptional profiling. Journal of Immunological Methods, 2015, 416, 189-192.	0.6	3
45	p21 Ablation in Liver Enhances DNA Damage, Cholestasis, and Carcinogenesis. Cancer Research, 2015, 75, 1144-1155.	0.4	27
46	Gut microbiota facilitates dietary heme-induced epithelial hyperproliferation by opening the mucus barrier in colon. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10038-10043.	3.3	323
47	Comparison of the effects of five dietary fibers on mucosal transcriptional profiles, and luminal microbiota composition and SCFA concentrations in murine colon. Molecular Nutrition and Food Research, 2015, 59, 1590-1602.	1.5	41
48	High fat challenges with different fatty acids affect distinct atherogenic gene expression pathways in immune cells from lean and obese subjects. Molecular Nutrition and Food Research, 2015, 59, 1563-1572.	1.5	22
49	Haematopoietic cell-derived Jnk1 is crucial for chronic inflammation and carcinogenesis in an experimental model of liver injury. Journal of Hepatology, 2015, 62, 140-149.	1.8	20
50	Genetic variants of FADS gene cluster, plasma LC-PUFA levels and the association with cognitive function of under-two-year-old Sasaknese Indonesian children. Asia Pacific Journal of Clinical Nutrition, 2015, 24, 323-8.	0.3	6
51	Sexually dimorphic characteristics of the small intestine and colon of prepubescent C57BL/6 mice. Biology of Sex Differences, 2014, 5, 11.	1.8	61
52	Effects of resistant starch on behaviour, satiety-related hormones and metabolites in growing pigs. Animal, 2014, 8, 1402-1411.	1.3	47
53	Duodenal-jejunal bypass liner implantation provokes rapid weight loss and improved glycemic control, accompanied by elevated fasting ghrelin levels. Endoscopy International Open, 2014, 2, E21-E27.	0.9	27
54	Postprandial fatty acid specific changes in circulating oxylipins in lean and obese men after highâ€fat challenge tests. Molecular Nutrition and Food Research, 2014, 58, 591-600.	1.5	39

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55	Differential regulation of pancreatic digestive enzymes during chronic high-fat diet-induced obesity in C57BL/6J mice. British Journal of Nutrition, 2014, 112, 154-161.	1.2	11
56	The effects of 30 days resveratrol supplementation on adipose tissue morphology and gene expression patterns in obese men. International Journal of Obesity, 2014, 38, 470-473.	1.6	115
57	Consensus statement understanding health and malnutrition through a systems approach: the ENOUGH program for early life. Genes and Nutrition, 2014, 9, 378.	1.2	26
58	Dark chocolate consumption improves leukocyte adhesion factors and vascular function in overweight men. FASEB Journal, 2014, 28, 1464-1473.	0.2	53
59	IL-37 protects against obesity-induced inflammation and insulin resistance. Nature Communications, 2014, 5, 4711.	5.8	186
60	Hypothalamic food intake regulation in a cancerâ€cachectic mouse model. Journal of Cachexia, Sarcopenia and Muscle, 2014, 5, 159-169.	2.9	23
61	Hepatocyte specific deletion of c-Met leads to the development of severe non-alcoholic steatohepatitis in mice. Journal of Hepatology, 2014, 61, 883-890.	1.8	58
62	Genome-wide age-related changes in DNA methylation and gene expression in human PBMCs. Age, 2014, 36, 9648.	3.0	135
63	Jnk1 in murine hepatic stellate cells is a crucial mediator of liver fibrogenesis. Gut, 2014, 63, 1159-1172.	6.1	47
64	Cross-Species Comparison of Genes Related to Nutrient Sensing Mechanisms Expressed along the Intestine. PLoS ONE, 2014, 9, e107531.	1.1	45
65	TNFR1 determines progression of chronic liver injury in the IKKÎ³/Nemo genetic model. Cell Death and Differentiation, 2013, 20, 1580-1592.	5.0	33
66	Impaired amino acid metabolism contributes to fasting-induced hypoglycemia in fatty acid oxidation defects. Human Molecular Genetics, 2013, 22, 5249-5261.	1.4	61
67	Resistant Starch Induces Catabolic but Suppresses Immune and Cell Division Pathways and Changes the Microbiome in the Proximal Colon of Male Pigs. Journal of Nutrition, 2013, 143, 1889-1898.	1.3	43
68	A High-Fat SFA, MUFA, or n3 PUFA Challenge Affects the Vascular Response and Initiates an Activated State of Cellular Adherence in Lean and Obese Middle-Aged Men. Journal of Nutrition, 2013, 143, 843-851.	1.3	36
69	Short-Chain Fatty Acids Stimulate Angiopoietin-Like 4 Synthesis in Human Colon Adenocarcinoma Cells by Activating Peroxisome Proliferator-Activated Receptor Î³. Molecular and Cellular Biology, 2013, 33, 1303-1316.	1.1	219
70	Overexpression of Angiopoietin-Like Protein 4 Protects Against Atherosclerosis Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1529-1537.	1.1	79
71	Gut-derived short-chain fatty acids are vividly assimilated into host carbohydrates and lipids. American Journal of Physiology - Renal Physiology, 2013, 305, G900-G910.	1.6	401
72	A Diet High in Resistant Starch Modulates Microbiota Composition, SCFA Concentrations, and Gene Expression in Pig Intestine. Journal of Nutrition, 2013, 143, 274-283.	1.3	281

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73	A Consideration of Biomarkers to be Used for Evaluation of Inflammation in Human Nutritional Studies. British Journal of Nutrition, 2013, 109, S1-S34.	1.2	296
74	Dietary heme induces acute oxidative stress, but delayed cytotoxicity and compensatory hyperproliferation in mouse colon. Carcinogenesis, 2013, 34, 1628-1635.	1.3	58
75	User-friendly solutions for microarray quality control and pre-processing on ArrayAnalysis.org. Nucleic Acids Research, 2013, 41, W71-W76.	6.5	127
76	Hepatocyte caspase-8 is an essential modulator of steatohepatitis in rodents. Hepatology, 2013, 57, 2189-2201.	3.6	89
77	Vascular and Inflammatory High Fat Meal Responses in Young Healthy Men; A Discriminative Role of IL-8 Observed in a Randomized Trial. PLoS ONE, 2013, 8, e53474.	1.1	37
78	Increased Plasma Citrulline in Mice Marks Diet-Induced Obesity and May Predict the Development of the Metabolic Syndrome. PLoS ONE, 2013, 8, e63950.	1.1	60
79	Maternal Western-Style High Fat Diet Induces Sex-Specific Physiological and Molecular Changes in Two-Week-Old Mouse Offspring. PLoS ONE, 2013, 8, e78623.	1.1	39
80	Effect of high dietary protein intake on body fat mass and subcutaneous adipose tissue gene expression in humans. FASEB Journal, 2013, 27, 857.2.	0.2	0
81	Plasma mannose-binding lectin is stimulated by PPARÎ± in humans. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E595-E602.	1.8	20
82	Dietary haem stimulates epithelial cell turnover by downregulating feedback inhibitors of proliferation in murine colon. Gut, 2012, 61, 1041-1049.	6.1	59
83	Combined Deficiency of Iron and (n-3) Fatty Acids in Male Rats Disrupts Brain Monoamine Metabolism and Produces Greater Memory Deficits Than Iron Deficiency or (n-3) Fatty Acid Deficiency Alone. Journal of Nutrition, 2012, 142, 1463-1471.	1.3	24
84	Literature-Based Genetic Risk Scores for Coronary Heart Disease. Circulation: Cardiovascular Genetics, 2012, 5, 202-209.	5.1	53
85	Detailed transcriptomics analysis of the effect of dietary fatty acids on gene expression in the heart. Physiological Genomics, 2012, 44, 352-361.	1.0	27
86	Saturated fat stimulates obesity and hepatic steatosis and affects gut microbiota composition by an enhanced overflow of dietary fat to the distal intestine. American Journal of Physiology - Renal Physiology, 2012, 303, G589-G599.	1.6	330
87	In Male Rats with Concurrent Iron and (n-3) Fatty Acid Deficiency, Provision of Either Iron or (n-3) Fatty Acids Alone Alters Monoamine Metabolism and Exacerbates the Cognitive Deficits Associated with Combined Deficiency. Journal of Nutrition, 2012, 142, 1472-1478.	1.3	16
88	PUFAs acutely affect triacylglycerol-derived skeletal muscle fatty acid uptake and increase postprandial insulin sensitivity. American Journal of Clinical Nutrition, 2012, 95, 825-836.	2.2	42
89	An Integrated Statistical Approach to Compare Transcriptomics Data across Experiments: A Case Study on the Identification of Candidate Target Genes of the Transcription Factor PPARÎ±. Bioinformatics and Biology Insights, 2012, 6, BBI.S9529.	1.0	0
90	Phenotyping the effect of diet on non-alcoholic fatty liver disease. Journal of Hepatology, 2012, 57, 1370-1373.	1.8	129

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91	Human nutrigenomics of gene regulation by dietary fatty acids. Progress in Lipid Research, 2012, 51, 63-70.	5.3	60
92	Consumption of a High Monounsaturated Fat Diet Reduces Oxidative Phosphorylation Gene Expression in Peripheral Blood Mononuclear Cells of Abdominally Overweight Men and Women. Journal of Nutrition, 2012, 142, 1219-1225.	1.3	60
93	TGFB1 genetic polymorphisms and coronary heart disease risk: a meta-analysis. BMC Medical Genetics, 2012, 13, 39.	2.1	27
94	Structural, functional and molecular analysis of the effects of aging in the small intestine and colon of C57BL/6J mice. BMC Medical Genomics, 2012, 5, 38.	0.7	48
95	Oit1/Fam3D, a gut-secreted protein displaying nutritional status-dependent regulation. Journal of Nutritional Biochemistry, 2012, 23, 1425-1433.	1.9	20
96	Responses to High-Fat Challenges Varying in Fat Type in Subjects with Different Metabolic Risk Phenotypes: A Randomized Trial. PLoS ONE, 2012, 7, e41388.	1.1	47
97	Markers of Endogenous Desaturase Activity and Risk of Coronary Heart Disease in the CAREMA Cohort Study. PLoS ONE, 2012, 7, e41681.	1.1	45
98	Dietary Protein Affects Gene Expression and Prevents Lipid Accumulation in the Liver in Mice. PLoS ONE, 2012, 7, e47303.	1.1	61
99	Dietary Heme-Mediated PPARÎ± Activation Does Not Affect the Heme-Induced Epithelial Hyperproliferation and Hyperplasia in Mouse Colon. PLoS ONE, 2012, 7, e43260.	1.1	14
100	Dietary Heme Alters Microbiota and Mucosa of Mouse Colon without Functional Changes in Host-Microbe Cross-Talk. PLoS ONE, 2012, 7, e49868.	1.1	99
101	Pronounced Effects of Acute Endurance Exercise on Gene Expression in Resting and Exercising Human Skeletal Muscle. PLoS ONE, 2012, 7, e51066.	1.1	107
102	Differential regulation of pancreas digestive enzymes during the development of dietâ€induceddâ€obesity of C57BL/6J mice. FASEB Journal, 2012, 26, 375.7.	0.2	0
103	Detection of prokaryotic mRNA signifies microbial viability and promotes immunity. Nature, 2011, 474, 385-389.	13.7	378
104	Dose-Dependent Effects of Dietary Fat on Development of Obesity in Relation to Intestinal Differential Gene Expression in C57BL/6J Mice. PLoS ONE, 2011, 6, e19145.	1.1	44
105	MADMAX â€“ Management and analysis database for multiple ~omics experiments. Journal of Integrative Bioinformatics, 2011, 8, 59-74.	1.0	98
106	Supplementary dietary calcium stimulates faecal fat and bile acid excretion, but does not protect against obesity and insulin resistance in C57BL/6J mice. British Journal of Nutrition, 2011, 105, 1005-1011.	1.2	10
107	Nor-ursodeoxycholic acid reverses hepatocyte-specific nemo-dependent steatohepatitis. Gut, 2011, 60, 387-396.	6.1	38
108	Reply to I Dahlman. American Journal of Clinical Nutrition, 2011, 93, 669-670.	2.2	0

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109	Modulation of Mucosal Immune Response, Tolerance, and Proliferation in Mice Colonized by the Mucin-Degrader Akkermansia muciniphila. Frontiers in Microbiology, 2011, 2, 166.	1.5	438
110	Alterations in hepatic one-carbon metabolism and related pathways following a high-fat dietary intervention. Physiological Genomics, 2011, 43, 408-416.	1.0	64
111	Comparative transcriptomic and metabolomic analysis of fenofibrate and fish oil treatments in mice. Physiological Genomics, 2011, 43, 1307-1318.	1.0	42
112	Bile Acid Sequestration Reduces Plasma Glucose Levels in db/db Mice by Increasing Its Metabolic Clearance Rate. PLoS ONE, 2011, 6, e24564.	1.1	16
113	MADMAX - Management and analysis database for multiple ~omics experiments. Journal of Integrative Bioinformatics, 2011, 8, 160.	1.0	90
114	Transcriptional profiling reveals divergent roles of PPARÎ± and PPARÎ²/Î´ in regulation of gene expression in mouse liver. Physiological Genomics, 2010, 41, 42-52.	1.0	113
115	Systems biology of the gut: the interplay of food, microbiota and host at the mucosal interface. Current Opinion in Biotechnology, 2010, 21, 539-550.	3.3	62
116	Challenges of molecular nutrition research 6: the nutritional phenotype database to store, share and evaluate nutritional systems biology studies. Genes and Nutrition, 2010, 5, 189-203.	1.2	64
117	TAK1 Suppresses a NEMO-Dependent but NF-ÎºB-Independent Pathway to Liver Cancer. Cancer Cell, 2010, 17, 481-496.	7.7	207
118	Kupffer cells promote hepatic steatosis via interleukin-1Î²-dependent suppression of peroxisome proliferator-activated receptor Î± activity. Hepatology, 2010, 51, 511-522.	3.6	381
119	Bile salt sequestration induces hepaticde novolipogenesis through farnesoid X receptor- and liver X receptorÎ±-controlled metabolic pathways in mice. Hepatology, 2010, 51, 806-816.	3.6	84
120	Reply:. Hepatology, 2010, 51, 722-722.	3.6	0
121	A Combined Transcriptomics and Lipidomics Analysis of Subcutaneous, Epididymal and Mesenteric Adipose Tissue Reveals Marked Functional Differences. PLoS ONE, 2010, 5, e11525.	1.1	79
122	Adipose Tissue Dysfunction Signals Progression of Hepatic Steatosis Towards Nonalcoholic Steatohepatitis in C57Bl/6 Mice. Diabetes, 2010, 59, 3181-3191.	0.3	156
123	Dietary nâˆ’3 and nâˆ’6 polyunsaturated fatty acid intake interacts with FADS1 genetic variation to affect total and HDL-cholesterol concentrations in the Doetinchem Cohort Study. American Journal of Clinical Nutrition, 2010, 92, 258-265.	2.2	85
124	Peroxisome Proliferator-Activated Receptor Alpha Target Genes. PPAR Research, 2010, 2010, 1-20.	1.1	584
125	Induction of Cardiac Angptl4 by Dietary Fatty Acids Is Mediated by Peroxisome Proliferator-Activated Receptor Î²/Î´ and Protects Against Fatty Acidâ€“Induced Oxidative Stress. Circulation Research, 2010, 106, 1712-1721.	2.0	118
126	Hepatic acute-phase proteins control innate immune responses during infection by promoting myeloid-derived suppressor cell function. Journal of Experimental Medicine, 2010, 207, 1453-1464.	4.2	295

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127	Profiling of promoter occupancy by PPARÎ± in human hepatoma cells via ChIP-chip analysis. Nucleic Acids Research, 2010, 38, 2839-2850.	6.5	112
128	Postprandial dietary lipidâ€“specific effects on human peripheral blood mononuclear cell gene expression profiles. American Journal of Clinical Nutrition, 2010, 91, 208-217.	2.2	98
129	Inhibition of methylation decreases osteoblast differentiation via a non-DNA-dependent methylation mechanism. Bone, 2010, 46, 514-523.	1.4	36
130	Angptl4 Protects against Severe Proinflammatory Effects of Saturated Fat by Inhibiting Fatty Acid Uptake into Mesenteric Lymph Node Macrophages. Cell Metabolism, 2010, 12, 580-592.	7.2	225
131	The Inflammasome-Mediated Caspase-1 Activation Controls Adipocyte Differentiation and Insulin Sensitivity. Cell Metabolism, 2010, 12, 593-605.	7.2	558
132	The potential influence of genetic variants in genes along bile acid and bile metabolic pathway on blood cholesterol levels in the population. Atherosclerosis, 2010, 210, 14-27.	0.4	41
133	Exploring genetic determinants of plasma total cholesterol levels and their predictive value in a longitudinal study. Atherosclerosis, 2010, 213, 200-205.	0.4	41
134	Plasma Protein Profiling Reveals Protein Clusters Related to BMI and Insulin Levels in Middle-Aged Overweight Subjects. PLoS ONE, 2010, 5, e14422.	1.1	16
135	Comparative Analysis of Gene Regulation by the Transcription Factor PPARÎ± between Mouse and Human. PLoS ONE, 2009, 4, e6796.	1.1	245
136	Genome-Wide mRNA Expression Analysis of Hepatic Adaptation to High-Fat Diets Reveals Switch from an Inflammatory to Steatotic Transcriptional Program. PLoS ONE, 2009, 4, e6646.	1.1	52
137	Fish-oil supplementation induces antiinflammatory gene expression profiles in human blood mononuclear cells. American Journal of Clinical Nutrition, 2009, 90, 415-424.	2.2	277
138	A saturated fatty acidâ€“rich diet induces an obesity-linked proinflammatory gene expression profile in adipose tissue of subjects at risk of metabolic syndrome. American Journal of Clinical Nutrition, 2009, 90, 1656-1664.	2.2	247
139	Peroxisome Proliferator-Activated Receptor Î²/Î´ (PPARÎ²/Î´) but Not PPARÎ± Serves as a Plasma Free Fatty Acid Sensor in Liver. Molecular and Cellular Biology, 2009, 29, 6257-6267.	1.1	123
140	Caloric Restriction and Exercise Increase Plasma ANGPTL4 Levels in Humans via Elevated Free Fatty Acids. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 969-974.	1.1	177
141	Bioactive compounds: Definition and assessment of activity. Nutrition, 2009, 25, 1202-1205.	1.1	257
142	Bioactive compounds: Safety and efficacy. Nutrition, 2009, 25, 1206-1211.	1.1	32
143	Filling gaps in PPAR-alpha signaling through comparative nutrigenomics analysis. BMC Genomics, 2009, 10, 596.	1.2	11
144	Dropping liver fat droplets. Hepatology, 2009, 50, 645-647.	3.6	1

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145	The effect of trans-10, cis-12 conjugated linoleic acid on gene expression profiles related to lipid metabolism in human intestinal-like Caco-2 cells. Genes and Nutrition, 2009, 4, 103-112.	1.2	8
146	Vitamin B12 Deficiency Stimulates Osteoclastogenesis via Increased Homocysteine and Methylmalonic Acid. Calcified Tissue International, 2009, 84, 413-422.	1.5	54
147	c-Met Confers Protection Against Chronic Liver Tissue Damage and Fibrosis Progression After Bile Duct Ligation in Mice. Gastroenterology, 2009, 137, 297-308.e4.	0.6	67
148	Exploring the human PPAR alpha dependent transcriptome in primary human hepatocytes. Chemistry and Physics of Lipids, 2008, 154, S60.	1.5	0
149	The challenges for molecular nutrition research 2: quantification of the nutritional phenotype. Genes and Nutrition, 2008, 3, 51-59.	1.2	53
150	NuGO contributions to GenePattern. Genes and Nutrition, 2008, 3, 143-146.	1.2	26
151	The NuGO proof of principle study package: a collaborative research effort of the European Nutrigenomics Organisation. Genes and Nutrition, 2008, 3, 147-151.	1.2	22
152	The role of the small intestine in the development of dietary fat-induced obesity and insulin resistance in C57BL/6J mice. BMC Medical Genomics, 2008, 1, 14.	0.7	147
153	Disturbed hepatic carbohydrate management during high metabolic demand in medium-chain acyl-CoA dehydrogenase (MCAD)-deficient mice. Hepatology, 2008, 47, 1894-1904.	3.6	36
154	PPARalpha-mediated effects of dietary lipids on intestinal barrier gene expression. BMC Genomics, 2008, 9, 231.	1.2	64
155	Activation of peroxisome proliferator-activated receptor alpha in human peripheral blood mononuclear cells reveals an individual gene expression profile response. BMC Genomics, 2008, 9, 262.	1.2	36
156	Peroxisome Proliferator-activated Receptor Î³ Activation Promotes Infiltration of Alternatively Activated Macrophages into Adipose Tissue. Journal of Biological Chemistry, 2008, 283, 22620-22627.	1.6	172
157	A cholesterol-free, high-fat diet suppresses gene expression of cholesterol transporters in murine small intestine. American Journal of Physiology - Renal Physiology, 2008, 294, G1171-G1180.	1.6	49
158	Short-term high fat-feeding results in morphological and metabolic adaptations in the skeletal muscle of C57BL/6J mice. Physiological Genomics, 2008, 32, 360-369.	1.0	114
159	Effect of Synthetic Dietary Triglycerides: A Novel Research Paradigm for Nutrigenomics. PLoS ONE, 2008, 3, e1681.	1.1	91
160	PPARs, Obesity, and Inflammation. PPAR Research, 2007, 2007, 1-10.	1.1	218
161	Genome-wide analysis of PPARÎ± activation in murine small intestine. Physiological Genomics, 2007, 30, 192-204.	1.0	129
162	Peroxisome Proliferator-Activated Receptor Î± Protects against Obesity-Induced Hepatic Inflammation. Endocrinology, 2007, 148, 2753-2763.	1.4	168

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