

# Michael Muller

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

261  
papers

19,754  
citations

79  
h-index

131  
g-index

299  
ext. papers

21,936  
ext. citations

7.2  
avg, IF

6.43  
L-index

#	Paper	IF	Citations
261	Regulation of blood-brain barrier integrity by microbiome-associated methylamines and cognition by trimethylamine N-oxide. <i>Microbiome</i> , <b>2021</b> , 9, 235	16.6	11
260	APOE4 genotype exacerbates the impact of menopause on cognition and synaptic plasticity in APOE-TR mice. <i>FASEB Journal</i> , <b>2021</b> , 35, e21583	0.9	6
259	Citrus Polyphenols in Brain Health and Disease: Current Perspectives. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 640648	5.1	12
258	Anthocyanins Promote Learning through Modulation of Synaptic Plasticity Related Proteins in an Animal Model of Ageing. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	1
257	(-)-Epicatechin and NADPH oxidase inhibitors prevent bile acid-induced Caco-2 monolayer permeabilization through ERK1/2 modulation. <i>Redox Biology</i> , <b>2020</b> , 28, 101360	11.3	17
256	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. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 9398-9407	5.7	2
255	genotype influences the gut microbiome structure and function in humans and mice: relevance for Alzheimer's disease pathophysiology. <i>FASEB Journal</i> , <b>2019</b> , 33, 8221-8231	0.9	60
254	Dietary Protein Sources Differentially Affect the Growth of Akkermansia muciniphila and Maintenance of the Gut Mucus Barrier in Mice. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1900589	5.9	21
253	Fine-Tuning of Sirtuin 1 Expression Is Essential to Protect the Liver From Cholestatic Liver Disease. <i>Hepatology</i> , <b>2019</b> , 69, 699-716	11.2	21
252	Plasticity of lifelong calorie-restricted C57BL/6J mice in adapting to a medium-fat diet intervention at old age. <i>Aging Cell</i> , <b>2018</b> , 17, e12696	9.9	5
251	Impact of Flavonoids on Cellular and Molecular Mechanisms Underlying Age-Related Cognitive Decline and Neurodegeneration. <i>Current Nutrition Reports</i> , <b>2018</b> , 7, 49-57	6	52
250	Inhibition of PP2A by hesperetin may contribute to Akt and ERK1/2 activation status in cortical neurons. <i>Archives of Biochemistry and Biophysics</i> , <b>2018</b> , 650, 14-21	4.1	10
249	Lifelong calorie restriction affects indicators of colonic health in aging C57BL/6J mice. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 56, 152-164	6.3	14
248	Recognition of microbial viability via TLR8 drives T cell differentiation and vaccine responses. <i>Nature Immunology</i> , <b>2018</b> , 19, 386-396	19.1	93
247	is a novel hypothalamic gene upregulated by a high-fat diet and leptin in mice. <i>Genes and Nutrition</i> , <b>2018</b> , 13, 28	4.3	17
246	Integrative analysis of gut microbiota composition, host colonic gene expression and intraluminal metabolites in aging C57BL/6J mice. <i>Aging</i> , <b>2018</b> , 10, 930-950	5.6	29
245	Purified Dietary Red and White Meat Proteins Show Beneficial Effects on Growth and Metabolism of Young Rats Compared to Casein and Soy Protein. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 9942-9951	5.7	8

244	Metatranscriptome analysis of the microbial fermentation of dietary milk proteins in the murine gut. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194066	3.7	9
243	Maternal exposure to a Western-style diet causes differences in intestinal microbiota composition and gene expression of suckling mouse pups. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600141	5.9	26
242	The impact of protein quantity during energy restriction on genome-wide gene expression in adipose tissue of obese humans. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 1114-1120	5.5	1
241	Identification of a mammalian silicon transporter. <i>American Journal of Physiology - Cell Physiology</i> , <b>2017</b> , 312, C550-C561	5.4	33
240	Intermittent calorie restriction largely counteracts the adverse health effects of a moderate-fat diet in aging C57BL/6J mice. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600677	5.9	10
239	Dietary soy and meat proteins induce distinct physiological and gene expression changes in rats. <i>Scientific Reports</i> , <b>2016</b> , 6, 20036	4.9	29
238	Longer lifespan in male mice treated with a weakly estrogenic agonist, an antioxidant, an α-glucosidase inhibitor or a Nrf2-inducer. <i>Aging Cell</i> , <b>2016</b> , 15, 872-84	9.9	176
237	Fibroblast growth factor 21 reflects liver fat accumulation and dysregulation of signalling pathways in the liver of C57BL/6J mice. <i>Scientific Reports</i> , <b>2016</b> , 6, 30484	4.9	42
236	Differences in genome-wide gene expression response in peripheral blood mononuclear cells between young and old men upon caloric restriction. <i>Genes and Nutrition</i> , <b>2016</b> , 11, 13	4.3	4
235	Distinct physiological, plasma amino acid, and liver transcriptome responses to purified dietary beef, chicken, fish, and pork proteins in young rats. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 1199-1205	5.9	16
234	Comparative Proteomics Provides Insights into Metabolic Responses in Rat Liver to Isolated Soy and Meat Proteins. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 1135-42	5.6	19
233	Nonlinear transcriptomic response to dietary fat intake in the small intestine of C57BL/6J mice. <i>BMC Genomics</i> , <b>2016</b> , 17, 106	4.5	5
232	The Muscle Metabolome Differs between Healthy and Frail Older Adults. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 499-509	5.6	56
231	Combined Activities of JNK1 and JNK2 in Hepatocytes Protect Against Toxic Liver Injury. <i>Gastroenterology</i> , <b>2016</b> , 150, 968-81	13.3	61
230	Fish oil supplements, longevity and aging. <i>Aging</i> , <b>2016</b> , 8, 1578-82	5.6	17
229	Apolipoprotein E genotype status affects habitual human blood mononuclear cell gene expression and its response to fish oil intervention. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 1649-60	5.9	6
228	Expression of protocadherin gamma in skeletal muscle tissue is associated with age and muscle weakness. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2016</b> , 7, 604-614	10.3	32
227	Gut microbiota facilitates dietary heme-induced epithelial hyperproliferation by opening the mucus barrier in colon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 10038-43	11.5	206

226	Comparison of the effects of five dietary fibers on mucosal transcriptional profiles, and luminal microbiota composition and SCFA concentrations in murine colon. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1590-602	5.9	29
225	High fat challenges with different fatty acids affect distinct atherogenic gene expression pathways in immune cells from lean and obese subjects. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1563-72	5.9	19
224	Haematopoietic cell-derived Jnk1 is crucial for chronic inflammation and carcinogenesis in an experimental model of liver injury. <i>Journal of Hepatology</i> , <b>2015</b> , 62, 140-9	13.4	16
223	Behavioural changes are a major contributing factor in the reduction of sarcopenia in caloric-restricted ageing mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2015</b> , 6, 253-68	10.3	32
222	A weekly alternating diet between caloric restriction and medium fat protects the liver from fatty liver development in middle-aged C57BL/6J mice. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 533-43	5.9	12
221	Maternal High-fat Diet Accelerates Development of Crohn's Disease-like Ileitis in TNFARE/WT Offspring. <i>Inflammatory Bowel Diseases</i> , <b>2015</b> , 21, 2016-25	4.5	9
220	Fetal gut laser microdissection in combination with RNA preamplification enables epithelial-specific transcriptional profiling. <i>Journal of Immunological Methods</i> , <b>2015</b> , 416, 189-92	2.5	3
219	p21 ablation in liver enhances DNA damage, cholestasis, and carcinogenesis. <i>Cancer Research</i> , <b>2015</b> , 75, 1144-55	10.1	21
218	Genetic variants of FADS gene cluster, plasma LC-PUFA levels and the association with cognitive function of under-two-year-old Sasaknese Indonesian children. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2015</b> , 24, 323-8	1	4
217	Dark chocolate consumption improves leukocyte adhesion factors and vascular function in overweight men. <i>FASEB Journal</i> , <b>2014</b> , 28, 1464-73	0.9	46
216	IL-37 protects against obesity-induced inflammation and insulin resistance. <i>Nature Communications</i> , <b>2014</b> , 5, 4711	17.4	143
215	Hypothalamic food intake regulation in a cancer-cachectic mouse model. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2014</b> , 5, 159-69	10.3	19
214	Hepatocyte specific deletion of c-Met leads to the development of severe non-alcoholic steatohepatitis in mice. <i>Journal of Hepatology</i> , <b>2014</b> , 61, 883-90	13.4	44
213	Genome-wide age-related changes in DNA methylation and gene expression in human PBMCs. <i>Age</i> , <b>2014</b> , 36, 9648		116
212	Jnk1 in murine hepatic stellate cells is a crucial mediator of liver fibrogenesis. <i>Gut</i> , <b>2014</b> , 63, 1159-72	19.2	37
211	Sexually dimorphic characteristics of the small intestine and colon of prepubescent C57BL/6 mice. <i>Biology of Sex Differences</i> , <b>2014</b> , 5, 11	9.3	50
210	Effects of resistant starch on behaviour, satiety-related hormones and metabolites in growing pigs. <i>Animal</i> , <b>2014</b> , 8, 1402-11	3.1	40
209	Duodenal-jejunal bypass liner implantation provokes rapid weight loss and improved glycemic control, accompanied by elevated fasting ghrelin levels. <i>Endoscopy International Open</i> , <b>2014</b> , 2, E21-7	3	20

208	Postprandial fatty acid specific changes in circulating oxylipins in lean and obese men after high-fat challenge tests. <i>Molecular Nutrition and Food Research</i> , <b>2014</b> , 58, 591-600	5.9	33
207	Differential regulation of pancreatic digestive enzymes during chronic high-fat diet-induced obesity in C57BL/6J mice. <i>British Journal of Nutrition</i> , <b>2014</b> , 112, 154-61	3.6	8
206	The effects of 30 days resveratrol supplementation on adipose tissue morphology and gene expression patterns in obese men. <i>International Journal of Obesity</i> , <b>2014</b> , 38, 470-3	5.5	97
205	Consensus statement understanding health and malnutrition through a systems approach: the ENOUGH program for early life. <i>Genes and Nutrition</i> , <b>2014</b> , 9, 378	4.3	17
204	Cross-species comparison of genes related to nutrient sensing mechanisms expressed along the intestine. <i>PLoS ONE</i> , <b>2014</b> , 9, e107531	3.7	34
203	TNFR1 determines progression of chronic liver injury in the IKK $\beta$ /Nemo genetic model. <i>Cell Death and Differentiation</i> , <b>2013</b> , 20, 1580-92	12.7	27
202	Impaired amino acid metabolism contributes to fasting-induced hypoglycemia in fatty acid oxidation defects. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 5249-61	5.6	41
201	Resistant starch induces catabolic but suppresses immune and cell division pathways and changes the microbiome in the proximal colon of male pigs. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 1889-98	4.1	35
200	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. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 843-51	4.1	31
199	Short-chain fatty acids stimulate angiopoietin-like 4 synthesis in human colon adenocarcinoma cells by activating peroxisome proliferator-activated receptor $\alpha$ . <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 1303-16	4.8	156
198	Overexpression of angiopoietin-like protein 4 protects against atherosclerosis development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 1529-37	9.4	63
197	Gut-derived short-chain fatty acids are vividly assimilated into host carbohydrates and lipids. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 305, G900-10	5.1	279
196	A diet high in resistant starch modulates microbiota composition, SCFA concentrations, and gene expression in pig intestine. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 274-83	4.1	213
195	A consideration of biomarkers to be used for evaluation of inflammation in human nutritional studies. <i>British Journal of Nutrition</i> , <b>2013</b> , 109 Suppl 1, S1-34	3.6	220
194	Dietary heme induces acute oxidative stress, but delayed cytotoxicity and compensatory hyperproliferation in mouse colon. <i>Carcinogenesis</i> , <b>2013</b> , 34, 1628-35	4.6	49
193	User-friendly solutions for microarray quality control and pre-processing on ArrayAnalysis.org. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, W71-6	20.1	98
192	Hepatocyte caspase-8 is an essential modulator of steatohepatitis in rodents. <i>Hepatology</i> , <b>2013</b> , 57, 2189-201	7.5	75
191	Vascular and inflammatory high fat meal responses in young healthy men; a discriminative role of IL-8 observed in a randomized trial. <i>PLoS ONE</i> , <b>2013</b> , 8, e53474	3.7	30

190	Increased plasma citrulline in mice marks diet-induced obesity and may predict the development of the metabolic syndrome. <i>PLoS ONE</i> , <b>2013</b> , 8, e63950	3.7	49
189	Maternal Western-style high fat diet induces sex-specific physiological and molecular changes in two-week-old mouse offspring. <i>PLoS ONE</i> , <b>2013</b> , 8, e78623	3.7	30
188	Effect of high dietary protein intake on body fat mass and subcutaneous adipose tissue gene expression in humans. <i>FASEB Journal</i> , <b>2013</b> , 27, 857.2	0.9	
187	Phenotyping the effect of diet on non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , <b>2012</b> , 57, 1370-1374	3.4	110
186	Human nutrigenomics of gene regulation by dietary fatty acids. <i>Progress in Lipid Research</i> , <b>2012</b> , 51, 63-70	4.3	50
185	Consumption of a high monounsaturated fat diet reduces oxidative phosphorylation gene expression in peripheral blood mononuclear cells of abdominally overweight men and women. <i>Journal of Nutrition</i> , <b>2012</b> , 142, 1219-25	4.1	54
184	TGFB1 genetic polymorphisms and coronary heart disease risk: a meta-analysis. <i>BMC Medical Genetics</i> , <b>2012</b> , 13, 39	2.1	21
183	Structural, functional and molecular analysis of the effects of aging in the small intestine and colon of C57BL/6J mice. <i>BMC Medical Genomics</i> , <b>2012</b> , 5, 38	3.7	41
182	Oit1/Fam3D, a gut-secreted protein displaying nutritional status-dependent regulation. <i>Journal of Nutritional Biochemistry</i> , <b>2012</b> , 23, 1425-33	6.3	12
181	Responses to high-fat challenges varying in fat type in subjects with different metabolic risk phenotypes: a randomized trial. <i>PLoS ONE</i> , <b>2012</b> , 7, e41388	3.7	38
180	Markers of endogenous desaturase activity and risk of coronary heart disease in the CAREMA cohort study. <i>PLoS ONE</i> , <b>2012</b> , 7, e41681	3.7	44
179	Dietary protein affects gene expression and prevents lipid accumulation in the liver in mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e47303	3.7	57
178	Plasma mannose-binding lectin is stimulated by PPAR $\alpha$ in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E595-602	6	17
177	Dietary haem stimulates epithelial cell turnover by downregulating feedback inhibitors of proliferation in murine colon. <i>Gut</i> , <b>2012</b> , 61, 1041-9	19.2	50
176	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. <i>Journal of Nutrition</i> , <b>2012</b> , 142, 1463-71	4.1	20
175	Literature-based genetic risk scores for coronary heart disease: the Cardiovascular Registry Maastricht (CAREMA) prospective cohort study. <i>Circulation: Cardiovascular Genetics</i> , <b>2012</b> , 5, 202-9		37
174	Detailed transcriptomics analysis of the effect of dietary fatty acids on gene expression in the heart. <i>Physiological Genomics</i> , <b>2012</b> , 44, 352-61	3.6	27
173	Saturated fat stimulates obesity and hepatic steatosis and affects gut microbiota composition by an enhanced overflow of dietary fat to the distal intestine. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 303, G589-99	5.1	250

172	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. <i>Journal of Nutrition</i> , <b>2012</b> , 142, 1472-8	4.1	14
171	PUFAs acutely affect triacylglycerol-derived skeletal muscle fatty acid uptake and increase postprandial insulin sensitivity. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 825-36	7	33
170	An Integrated Statistical Approach to Compare Transcriptomics Data Across Experiments: A Case Study on the Identification of Candidate Target Genes of the Transcription Factor PPAR $\alpha$ <i>Bioinformatics and Biology Insights</i> , <b>2012</b> , 6, 145-54	5.3	
169	Dietary heme-mediated PPAR $\alpha$ activation does not affect the heme-induced epithelial hyperproliferation and hyperplasia in mouse colon. <i>PLoS ONE</i> , <b>2012</b> , 7, e43260	3.7	13
168	Dietary heme alters microbiota and mucosa of mouse colon without functional changes in host-microbe cross-talk. <i>PLoS ONE</i> , <b>2012</b> , 7, e49868	3.7	79
167	Pronounced effects of acute endurance exercise on gene expression in resting and exercising human skeletal muscle. <i>PLoS ONE</i> , <b>2012</b> , 7, e51066	3.7	83
166	Differential regulation of pancreas digestive enzymes during the development of diet-induced-obesity of C57BL/6J mice. <i>FASEB Journal</i> , <b>2012</b> , 26, 375.7	0.9	
165	Systems Biology of Host $\leftrightarrow$ Food $\leftrightarrow$ Microbe Interactions in the Mammalian Gut <b>2011</b> , 109-135		1
164	Detection of prokaryotic mRNA signifies microbial viability and promotes immunity. <i>Nature</i> , <b>2011</b> , 474, 385-9	50.4	300
163	Dose-dependent effects of dietary fat on development of obesity in relation to intestinal differential gene expression in C57BL/6J mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e19145	3.7	36
162	MADMAX $\square$ Management and analysis database for multiple $\sim$ omics experiments. <i>Journal of Integrative Bioinformatics</i> , <b>2011</b> , 8, 59-74	3.8	72
161	Supplementary dietary calcium stimulates faecal fat and bile acid excretion, but does not protect against obesity and insulin resistance in C57BL/6J mice. <i>British Journal of Nutrition</i> , <b>2011</b> , 105, 1005-11	3.6	8
160	Nor-ursodeoxycholic acid reverses hepatocyte-specific nemo-dependent steatohepatitis. <i>Gut</i> , <b>2011</b> , 60, 387-96	19.2	28
159	Reply to I Dahlman. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 93, 669-670	7	
158	Modulation of Mucosal Immune Response, Tolerance, and Proliferation in Mice Colonized by the Mucin-Degrader <i>Akkermansia muciniphila</i> . <i>Frontiers in Microbiology</i> , <b>2011</b> , 2, 166	5.7	310
157	Alterations in hepatic one-carbon metabolism and related pathways following a high-fat dietary intervention. <i>Physiological Genomics</i> , <b>2011</b> , 43, 408-16	3.6	59
156	Comparative transcriptomic and metabolomic analysis of fenofibrate and fish oil treatments in mice. <i>Physiological Genomics</i> , <b>2011</b> , 43, 1307-18	3.6	37
155	Bile acid sequestration reduces plasma glucose levels in db/db mice by increasing its metabolic clearance rate. <i>PLoS ONE</i> , <b>2011</b> , 6, e24564	3.7	15

154	MADMAX - Management and analysis database for multiple ~omics experiments. <i>Journal of Integrative Bioinformatics</i> , <b>2011</b> , 8, 160	3.8	77
153	A combined transcriptomics and lipidomics analysis of subcutaneous, epididymal and mesenteric adipose tissue reveals marked functional differences. <i>PLoS ONE</i> , <b>2010</b> , 5, e11525	3.7	74
152	Adipose tissue dysfunction signals progression of hepatic steatosis towards nonalcoholic steatohepatitis in C57BL/6 mice. <i>Diabetes</i> , <b>2010</b> , 59, 3181-91	0.9	135
151	Dietary n-3 and n-6 polyunsaturated fatty acid intake interacts with FADS1 genetic variation to affect total and HDL-cholesterol concentrations in the Doetinchem Cohort Study. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 92, 258-65	7	79
150	Peroxisome proliferator-activated receptor alpha target genes. <i>PPAR Research</i> , <b>2010</b> , 2010,	4.3	472
149	Induction of cardiac Angptl4 by dietary fatty acids is mediated by peroxisome proliferator-activated receptor beta/delta and protects against fatty acid-induced oxidative stress. <i>Circulation Research</i> , <b>2010</b> , 106, 1712-21	15.7	101
148	Hepatic acute-phase proteins control innate immune responses during infection by promoting myeloid-derived suppressor cell function. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 1453-64	16.6	246
147	Profiling of promoter occupancy by PPARalpha in human hepatoma cells via ChIP-chip analysis. <i>Nucleic Acids Research</i> , <b>2010</b> , 38, 2839-50	20.1	90
146	Postprandial dietary lipid-specific effects on human peripheral blood mononuclear cell gene expression profiles. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 91, 208-17	7	91
145	Inhibition of methylation decreases osteoblast differentiation via a non-DNA-dependent methylation mechanism. <i>Bone</i> , <b>2010</b> , 46, 514-23	4.7	31
144	Angptl4 protects against severe proinflammatory effects of saturated fat by inhibiting fatty acid uptake into mesenteric lymph node macrophages. <i>Cell Metabolism</i> , <b>2010</b> , 12, 580-92	24.6	178
143	The inflammasome-mediated caspase-1 activation controls adipocyte differentiation and insulin sensitivity. <i>Cell Metabolism</i> , <b>2010</b> , 12, 593-605	24.6	472
142	The potential influence of genetic variants in genes along bile acid and bile metabolic pathway on blood cholesterol levels in the population. <i>Atherosclerosis</i> , <b>2010</b> , 210, 14-27	3.1	34
141	Exploring genetic determinants of plasma total cholesterol levels and their predictive value in a longitudinal study. <i>Atherosclerosis</i> , <b>2010</b> , 213, 200-5	3.1	38
140	Transcriptional profiling reveals divergent roles of PPARalpha and PPARbeta/delta in regulation of gene expression in mouse liver. <i>Physiological Genomics</i> , <b>2010</b> , 41, 42-52	3.6	92
139	Systems biology of the gut: the interplay of food, microbiota and host at the mucosal interface. <i>Current Opinion in Biotechnology</i> , <b>2010</b> , 21, 539-50	11.4	57
138	Challenges of molecular nutrition research 6: the nutritional phenotype database to store, share and evaluate nutritional systems biology studies. <i>Genes and Nutrition</i> , <b>2010</b> , 5, 189-203	4.3	58
137	TAK1 suppresses a NEMO-dependent but NF-kappaB-independent pathway to liver cancer. <i>Cancer Cell</i> , <b>2010</b> , 17, 481-96	24.3	186



136	Kupffer cells promote hepatic steatosis via interleukin-1beta-dependent suppression of peroxisome proliferator-activated receptor alpha activity. <i>Hepatology</i> , <b>2010</b> , 51, 511-22	11.2	309
135	Bile salt sequestration induces hepatic de novo lipogenesis through farnesoid X receptor- and liver X receptor alpha-controlled metabolic pathways in mice. <i>Hepatology</i> , <b>2010</b> , 51, 806-16	11.2	73
134	Reply:. <i>Hepatology</i> , <b>2010</b> , 51, 722-722	11.2	
133	Plasma protein profiling reveals protein clusters related to BMI and insulin levels in middle-aged overweight subjects. <i>PLoS ONE</i> , <b>2010</b> , 5, e14422	3.7	13
132	Comparative analysis of gene regulation by the transcription factor PPARalpha between mouse and human. <i>PLoS ONE</i> , <b>2009</b> , 4, e6796	3.7	218
131	Genome-wide mRNA expression analysis of hepatic adaptation to high-fat diets reveals switch from an inflammatory to steatotic transcriptional program. <i>PLoS ONE</i> , <b>2009</b> , 4, e6646	3.7	47
130	Fish-oil supplementation induces antiinflammatory gene expression profiles in human blood mononuclear cells. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 415-24	7	240
129	A saturated fatty acid-rich diet induces an obesity-linked proinflammatory gene expression profile in adipose tissue of subjects at risk of metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 1656-64	7	206
128	Peroxisome proliferator-activated receptor beta/delta (PPARbeta/delta) but not PPARalpha serves as a plasma free fatty acid sensor in liver. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 6257-67	4.8	107
127	Caloric restriction and exercise increase plasma ANGPTL4 levels in humans via elevated free fatty acids. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 969-74	9.4	155
126	Bioactive compounds: definition and assessment of activity. <i>Nutrition</i> , <b>2009</b> , 25, 1202-5	4.8	190
125	Bioactive compounds: safety and efficacy. <i>Nutrition</i> , <b>2009</b> , 25, 1206-11	4.8	26
124	Filling gaps in PPAR-alpha signaling through comparative nutrigenomics analysis. <i>BMC Genomics</i> , <b>2009</b> , 10, 596	4.5	8
123	Dropping liver fat droplets. <i>Hepatology</i> , <b>2009</b> , 50, 645-7	11.2	1
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