

# Myung-Sook Choi

## List of Publications by Citations

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252  
papers

10,492  
citations

53  
h-index

93  
g-index

254  
ext. papers

11,699  
ext. citations

4.2  
avg, IF

6.34  
L-index

#	Paper	IF	Citations
252	Obesity and its metabolic complications: the role of adipokines and the relationship between obesity, inflammation, insulin resistance, dyslipidemia and nonalcoholic fatty liver disease. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 6184-223	6.3	1051
251	Chlorogenic acid exhibits anti-obesity property and improves lipid metabolism in high-fat diet-induced-obese mice. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 937-43	4.7	515
250	Effect of citrus flavonoids on lipid metabolism and glucose-regulating enzyme mRNA levels in type-2 diabetic mice. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2006</b> , 38, 1134-45	5.6	307
249	Mitochondrial ROS govern the LPS-induced pro-inflammatory response in microglia cells by regulating MAPK and NF- $\kappa$ B pathways. <i>Neuroscience Letters</i> , <b>2015</b> , 584, 191-6	3.3	266
248	Plasma and hepatic cholesterol and hepatic activities of 3-hydroxy-3-methyl-glutaryl-CoA reductase and acyl CoA: cholesterol transferase are lower in rats fed citrus peel extract or a mixture of citrus bioflavonoids. <i>Journal of Nutrition</i> , <b>1999</b> , 129, 1182-5	4.1	233
247	The hypoglycemic effects of hesperidin and naringin are partly mediated by hepatic glucose-regulating enzymes in C57BL/KsJ-db/db mice. <i>Journal of Nutrition</i> , <b>2004</b> , 134, 2499-503	4.1	224
246	Effect of curcumin supplementation on blood glucose, plasma insulin, and glucose homeostasis related enzyme activities in diabetic db/db mice. <i>Molecular Nutrition and Food Research</i> , <b>2008</b> , 52, 995-1004	5.9	221
245	Supplementation of <i>Lactobacillus curvatus</i> HY7601 and <i>Lactobacillus plantarum</i> KY1032 in diet-induced obese mice is associated with gut microbial changes and reduction in obesity. <i>PLoS ONE</i> , <b>2013</b> , 8, e59470	3.7	199
244	Antihyperglycemic and antioxidant properties of caffeic acid in db/db mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 318, 476-83	4.7	194
243	Beneficial effects of curcumin on hyperlipidemia and insulin resistance in high-fat-fed hamsters. <i>Metabolism: Clinical and Experimental</i> , <b>2008</b> , 57, 1576-83	12.7	184
242	Antioxidative activity of naringin and lovastatin in high cholesterol-fed rabbits. <i>Life Sciences</i> , <b>2001</b> , 69, 2855-66	6.8	169
241	Long-term curcumin administration protects against atherosclerosis via hepatic regulation of lipoprotein cholesterol metabolism. <i>Molecular Nutrition and Food Research</i> , <b>2011</b> , 55, 1829-40	5.9	164
240	Lipid-lowering efficacy of hesperetin metabolites in high-cholesterol fed rats. <i>Clinica Chimica Acta</i> , <b>2003</b> , 327, 129-37	6.2	147
239	Genistein and daidzein modulate hepatic glucose and lipid regulating enzyme activities in C57BL/KsJ-db/db mice. <i>Life Sciences</i> , <b>2006</b> , 79, 1207-13	6.8	144
238	Anti-obese property of fucoxanthin is partly mediated by altering lipid-regulating enzymes and uncoupling proteins of visceral adipose tissue in mice. <i>Molecular Nutrition and Food Research</i> , <b>2009</b> , 53, 1603-11	5.9	130
237	Antihypercholesterolemic property of naringin alters plasma and tissue lipids, cholesterol-regulating enzymes, fecal sterol and tissue morphology in rabbits. <i>Clinical Nutrition</i> , <b>2004</b> , 23, 1025-34	5.9	122
236	Fucoxanthin supplementation improves plasma and hepatic lipid metabolism and blood glucose concentration in high-fat fed C57BL/6N mice. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 186, 316-22	5	121

235	Ursolic acid enhances the cellular immune system and pancreatic beta-cell function in streptozotocin-induced diabetic mice fed a high-fat diet. <i>International Immunopharmacology</i> , <b>2009</b> , 9, 113-9	5.8	114
234	Long-term effects of resveratrol supplementation on suppression of atherogenic lesion formation and cholesterol synthesis in apo E-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 374, 55-9	3.4	111
233	Comparison of antioxidant effects of naringin and probucol in cholesterol-fed rabbits. <i>Clinica Chimica Acta</i> , <b>2002</b> , 317, 181-90	6.2	111
232	Luteolin attenuates hepatic steatosis and insulin resistance through the interplay between the liver and adipose tissue in mice with diet-induced obesity. <i>Diabetes</i> , <b>2015</b> , 64, 1658-69	0.9	110
231	Effect of rutin and tannic acid supplements on cholesterol metabolism in rats. <i>Nutrition Research</i> , <b>2002</b> , 22, 283-295	4	108
230	Resveratrol ameliorates diabetes-related metabolic changes via activation of AMP-activated protein kinase and its downstream targets in db/db mice. <i>Molecular Nutrition and Food Research</i> , <b>2012</b> , 56, 1282-91	5.9	107
229	Differential effects of low-dose resveratrol on adiposity and hepatic steatosis in diet-induced obese mice. <i>British Journal of Nutrition</i> , <b>2012</b> , 108, 2166-75	3.6	101
228	Alternation of hepatic antioxidant enzyme activities and lipid profile in streptozotocin-induced diabetic rats by supplementation of dandelion water extract. <i>Clinica Chimica Acta</i> , <b>2002</b> , 317, 109-17	6.2	99
227	Cinnamate supplementation enhances hepatic lipid metabolism and antioxidant defense systems in high cholesterol-fed rats. <i>Journal of Medicinal Food</i> , <b>2003</b> , 6, 183-91	2.8	83
226	Hypocholesterolemic and antioxidative effects of naringenin and its two metabolites in high-cholesterol fed rats. <i>Translational Research</i> , <b>2007</b> , 149, 15-21	11	81
225	Time-course microarrays reveal early activation of the immune transcriptome and adipokine dysregulation leads to fibrosis in visceral adipose depots during diet-induced obesity. <i>BMC Genomics</i> , <b>2012</b> , 13, 450	4.5	72
224	Fucoanthin-rich seaweed extract suppresses body weight gain and improves lipid metabolism in high-fat-fed C57BL/6J mice. <i>Biotechnology Journal</i> , <b>2010</b> , 5, 961-9	5.6	72
223	Inhibitory effects of ursolic acid on hepatic polyol pathway and glucose production in streptozotocin-induced diabetic mice. <i>Metabolism: Clinical and Experimental</i> , <b>2010</b> , 59, 512-9	12.7	72
222	High-fat diet decreases energy expenditure and expression of genes controlling lipid metabolism, mitochondrial function and skeletal system development in the adipose tissue, along with increased expression of extracellular matrix remodelling- and inflammation-related genes. <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 617-27	3.6	69
221	Citrus unshiu peel extract ameliorates hyperglycemia and hepatic steatosis by altering inflammation and hepatic glucose- and lipid-regulating enzymes in db/db mice. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 419-27	6.3	68
220	Naringenin 7-O-cetyl ether as inhibitor of HMG-CoA reductase and modulator of plasma and hepatic lipids in high cholesterol-fed rats. <i>Bioorganic and Medicinal Chemistry</i> , <b>2003</b> , 11, 393-8	3.4	68
219	Naringin protects the nigrostriatal dopaminergic projection through induction of GDNF in a neurotoxin model of Parkinson's disease. <i>Journal of Nutritional Biochemistry</i> , <b>2014</b> , 25, 801-6	6.3	67
218	Hypoglycemic effect of Du-zhong ( <i>Eucommia ulmoides</i> Oliv.) leaves in streptozotocin-induced diabetic rats. <i>Diabetes Research and Clinical Practice</i> , <b>2005</b> , 67, 22-8	7.4	67

217	Eucommia ulmoides Oliver leaf extract increases endogenous antioxidant activity in type 2 diabetic mice. <i>Journal of Medicinal Food</i> , <b>2006</b> , 9, 474-9	2.8	67
216	Beneficial effects of Undaria pinnatifida ethanol extract on diet-induced-insulin resistance in C57BL/6J mice. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 727-33	4.7	66
215	Role of naringin supplement in regulation of lipid and ethanol metabolism in rats. <i>Life Sciences</i> , <b>2003</b> , 73, 933-46	6.8	65
214	Protective effect of the ethanol extract of the roots of Brassica rapa on cisplatin-induced nephrotoxicity in LLC-PK1 cells and rats. <i>Biological and Pharmaceutical Bulletin</i> , <b>2006</b> , 29, 2436-41	2.3	64
213	Apigenin Ameliorates Dyslipidemia, Hepatic Steatosis and Insulin Resistance by Modulating Metabolic and Transcriptional Profiles in the Liver of High-Fat Diet-Induced Obese Mice. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	63
212	The anti-diabetic effects of ethanol extract from two variants of Artemisia princeps Pampanini in C57BL/KsJ-db/db mice. <i>Food and Chemical Toxicology</i> , <b>2007</b> , 45, 2022-9	4.7	62
211	Naringin alters the cholesterol biosynthesis and antioxidant enzyme activities in LDL receptor-knockout mice under cholesterol fed condition. <i>Life Sciences</i> , <b>2004</b> , 74, 1621-34	6.8	61
210	Loss of mitofusin 2 links beta-amyloid-mediated mitochondrial fragmentation and Cdk5-induced oxidative stress in neuron cells. <i>Journal of Neurochemistry</i> , <b>2015</b> , 132, 687-702	6	60
209	Cholesteryl ester transfer protein activity and atherogenic parameters in rabbits supplemented with cholesterol and garlic powder. <i>Life Sciences</i> , <b>2003</b> , 72, 2953-64	6.8	59
208	Low doses of curcumin protect alcohol-induced liver damage by modulation of the alcohol metabolic pathway, CYP2E1 and AMPK. <i>Life Sciences</i> , <b>2013</b> , 93, 693-9	6.8	57
207	Long-term adaptation of global transcription and metabolism in the liver of high-fat diet-fed C57BL/6J mice. <i>Molecular Nutrition and Food Research</i> , <b>2011</b> , 55 Suppl 2, S173-85	5.9	57
206	Potential hypoglycemic effect of an ethanol extract of Gynostemma pentaphyllum in C57BL/KsJ-db/db mice. <i>Journal of Medicinal Food</i> , <b>2008</b> , 11, 709-16	2.8	55
205	Eupatilin, isolated from Artemisia princeps Pampanini, enhances hepatic glucose metabolism and pancreatic beta-cell function in type 2 diabetic mice. <i>Diabetes Research and Clinical Practice</i> , <b>2008</b> , 82, 25-32	7.4	55
204	Long-term supplementation of honokiol and magnolol ameliorates body fat accumulation, insulin resistance, and adipose inflammation in high-fat fed mice. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 1988-98	5.9	54
203	Garcinia Cambogia attenuates diet-induced adiposity but exacerbates hepatic collagen accumulation and inflammation. <i>World Journal of Gastroenterology</i> , <b>2013</b> , 19, 4689-701	5.6	54
202	In vitro antioxidant and anti-inflammatory activities of Jaceosidin from Artemisia princeps Pampanini cv. Sajabal. <i>Archives of Pharmacal Research</i> , <b>2008</b> , 31, 429-37	6.1	54
201	Obesity-induced metabolic stresses in breast and colon cancer. <i>Annals of the New York Academy of Sciences</i> , <b>2011</b> , 1229, 61-8	6.5	53
200	Hypoglycemic and hypolipidemic action of Du-zhong (Eucommia ulmoides Oliver) leaves water extract in C57BL/KsJ-db/db mice. <i>Journal of Ethnopharmacology</i> , <b>2006</b> , 107, 412-7	5	53

199	Anti-atherogenic property of ferulic acid in apolipoprotein E-deficient mice fed Western diet: comparison with clofibrate. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 2298-303	4.7	51
198	Naringin time-dependently lowers hepatic cholesterol biosynthesis and plasma cholesterol in rats fed high-fat and high-cholesterol diet. <i>Journal of Medicinal Food</i> , <b>2006</b> , 9, 582-6	2.8	50
197	Effects of the ethanol extract of the roots of <i>Brassica rapa</i> on glucose and lipid metabolism in C57BL/KsJ-db/db mice. <i>Clinical Nutrition</i> , <b>2008</b> , 27, 158-67	5.9	48
196	Dual probiotic strains suppress high fructose-induced metabolic syndrome. <i>World Journal of Gastroenterology</i> , <b>2013</b> , 19, 274-83	5.6	47
195	Proteome analysis of human monocytic THP-1 cells primed with oxidized low-density lipoproteins. <i>Proteomics</i> , <b>2006</b> , 6, 1261-73	4.8	47
194	Arvelexin from <i>Brassica rapa</i> suppresses NF- $\kappa$ B-regulated pro-inflammatory gene expression by inhibiting activation of IB kinase. <i>British Journal of Pharmacology</i> , <b>2011</b> , 164, 145-58	8.6	46
193	Beneficial effect of chungkukjang on regulating blood glucose and pancreatic beta-cell functions in C75BL/KsJ-db/db mice. <i>Journal of Medicinal Food</i> , <b>2008</b> , 11, 215-23	2.8	46
192	The inhibitory effect of <i>Lactobacillus plantarum</i> KY1032 cell extract on the adipogenesis of 3T3-L1 Cells. <i>Journal of Medicinal Food</i> , <b>2011</b> , 14, 670-5	2.8	45
191	Effect of naringin supplementation on cholesterol metabolism and antioxidant status in rats fed high cholesterol with different levels of vitamin E. <i>Annals of Nutrition and Metabolism</i> , <b>2001</b> , 45, 193-201	4.5	45
190	Modulation of lipid metabolism by polyphenol-rich grape skin extract improves liver steatosis and adiposity in high fat fed mice. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 360-4	5.9	44
189	Quercetin Protects Obesity-Induced Hypothalamic Inflammation by Reducing Microglia-Mediated Inflammatory Responses via HO-1 Induction. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	43
188	d-Allulose supplementation normalized the body weight and fat-pad mass in diet-induced obese mice via the regulation of lipid metabolism under isocaloric fed condition. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 1695-706	5.9	43
187	Lipidomic Profiling of Liver Tissue from Obesity-Prone and Obesity-Resistant Mice Fed a High Fat Diet. <i>Scientific Reports</i> , <b>2015</b> , 5, 16984	4.9	42
186	Deficiency for costimulatory receptor 4-1BB protects against obesity-induced inflammation and metabolic disorders. <i>Diabetes</i> , <b>2011</b> , 60, 3159-68	0.9	42
185	Anti-obesity and hypolipidemic effects of a proprietary herb and fiber combination (S&S PWH) in rats fed high-fat diets. <i>Journal of Medicinal Food</i> , <b>2008</b> , 11, 169-78	2.8	42
184	Gigantol isolated from the whole plants of <i>Cymbidium goeringii</i> inhibits the LPS-induced iNOS and COX-2 expression via NF- $\kappa$ B inactivation in RAW 264.7 macrophages cells. <i>Planta Medica</i> , <b>2006</b> , 72, 1181-7	3.1	42
183	Supplementation of naringenin and its synthetic derivative alters antioxidant enzyme activities of erythrocyte and liver in high cholesterol-fed rats. <i>Bioorganic and Medicinal Chemistry</i> , <b>2002</b> , 10, 2239-44	3.4	42
182	Hypocholesterolemic effect of hesperetin mediated by inhibition of 3-hydroxy-3-methylglutaryl coenzyme a reductase and acyl coenzyme a: Cholesterol acyltransferase in rats fed high-cholesterol diet. <i>Nutrition Research</i> , <b>1999</b> , 19, 1245-1258	4	41

181	Supplementation of persimmon leaf ameliorates hyperglycemia, dyslipidemia and hepatic fat accumulation in type 2 diabetic mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e49030	3.7	39
180	Phlorizin Supplementation Attenuates Obesity, Inflammation, and Hyperglycemia in Diet-Induced Obese Mice Fed a High-Fat Diet. <i>Nutrients</i> , <b>2016</b> , 8, 92	6.7	39
179	Soy Leaf Extract Containing Kaempferol Glycosides and Pheophorbides Improves Glucose Homeostasis by Enhancing Pancreatic $\beta$ Cell Function and Suppressing Hepatic Lipid Accumulation in db/db Mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 7198-210	5.7	37
178	Does Glycine max leaves or Garcinia Cambogia promote weight-loss or lower plasma cholesterol in overweight individuals: a randomized control trial. <i>Nutrition Journal</i> , <b>2011</b> , 10, 94	4.3	37
177	Hypocholesterolemic and antioxidant properties of 3-(4-hydroxyl)propanoic acid derivatives in high-cholesterol fed rats. <i>Chemico-Biological Interactions</i> , <b>2007</b> , 170, 9-19	5	37
176	Ursolic acid ameliorates thymic atrophy and hyperglycemia in streptozotocin-nicotinamide-induced diabetic mice. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 188, 635-42	5	36
175	Effects of naringin and lovastatin on plasma and hepatic lipids in high-fat and high-cholesterol fed rats. <i>Nutrition Research</i> , <b>2000</b> , 20, 1007-1015	4	36
174	A Preliminary Study for Evaluating the Dose-Dependent Effect of d-Allulose for Fat Mass Reduction in Adult Humans: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	35
173	Antiobesity and vasoprotective effects of resveratrol in apoE-deficient mice. <i>Journal of Medicinal Food</i> , <b>2014</b> , 17, 310-6	2.8	35
172	Antilipogenic effect of green tea extract in C57BL/6J-Lep ob/ob mice. <i>Phytotherapy Research</i> , <b>2009</b> , 23, 467-71	6.7	35
171	Hypolipidemic and body fat-lowering effects of Fatclean in rats fed a high-fat diet. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 2076-82	4.7	35
170	$\beta$ Caryophyllene potently inhibits solid tumor growth and lymph node metastasis of B16F10 melanoma cells in high-fat diet-induced obese C57BL/6N mice. <i>Carcinogenesis</i> , <b>2015</b> , 36, 1028-39	4.6	34
169	Metabolic response of soy pinitol on lipid-lowering, antioxidant and hepatoprotective action in hamsters fed-high fat and high cholesterol diet. <i>Molecular Nutrition and Food Research</i> , <b>2009</b> , 53, 751-9	5.9	34
168	Luteolin Targets the Toll-Like Receptor Signaling Pathway in Prevention of Hepatic and Adipocyte Fibrosis and Insulin Resistance in Diet-Induced Obese Mice. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	34
167	Anti-visceral obesity and antioxidant effects of powdered sea buckthorn ( <i>Hippophae rhamnoides</i> L.) leaf tea in diet-induced obese mice. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 2370-6	4.7	33
166	Production and processing of soybeans and nutrition and safety of isoflavone and other soy products for human health. <i>Journal of Medicinal Food</i> , <b>2006</b> , 9, 1-10	2.8	33
165	Quercetin dihydrate and gallate supplements lower plasma and hepatic lipids and change activities of hepatic antioxidant enzymes in high cholesterol-fed rats. <i>International Journal for Vitamin and Nutrition Research</i> , <b>2002</b> , 72, 161-9	1.7	33
164	Hypothalamic lipid-laden astrocytes induce microglia migration and activation. <i>FEBS Letters</i> , <b>2017</b> , 591, 1742-1751	3.8	32

163	Red pepper attenuates cholesteryl ester transfer protein activity and atherosclerosis in cholesterol-fed rabbits. <i>Clinica Chimica Acta</i> , <b>2003</b> , 332, 37-44	6.2	32
162	Licochalcone E present in licorice suppresses lung metastasis in the 4T1 mammary orthotopic cancer model. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 603-13	3.2	31
161	Effect of green tea on hepatic lipid metabolism in mice fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 51, 1-7	6.3	30
160	Luteolin-Enriched Artichoke Leaf Extract Alleviates the Metabolic Syndrome in Mice with High-Fat Diet-Induced Obesity. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	30
159	Comparison of hesperetin and its metabolites for cholesterol-lowering and antioxidative efficacy in hypercholesterolemic hamsters. <i>Journal of Medicinal Food</i> , <b>2010</b> , 13, 808-14	2.8	30
158	Du-zhong ( <i>Eucommia ulmoides</i> Oliver) leaf extract mediates hypolipidemic action in hamsters fed a high-fat diet. <i>The American Journal of Chinese Medicine</i> , <b>2008</b> , 36, 81-93	6	30
157	Nobiletin protects dopaminergic neurons in the 1-methyl-4-phenylpyridinium-treated rat model of Parkinson's disease. <i>Journal of Medicinal Food</i> , <b>2015</b> , 18, 409-14	2.8	29
156	Dose dependent effects of lycopene enriched tomato-wine on liver and adipose tissue in high-fat diet fed rats. <i>Food Chemistry</i> , <b>2012</b> , 130, 42-48	8.5	29
155	Lipid-lowering and antioxidative activities of 3,4-di(OH)-cinnamate and 3,4-di(OH)-hydrocinnamate in cholesterol-fed rats. <i>Clinica Chimica Acta</i> , <b>2001</b> , 314, 221-9	6.2	29
154	Silibinin attenuates MPP <sup>+</sup> -induced neurotoxicity in the substantia nigra in vivo. <i>Journal of Medicinal Food</i> , <b>2014</b> , 17, 599-605	2.8	28
153	Long-term dietary supplementation with low-dose nobiletin ameliorates hepatic steatosis, insulin resistance, and inflammation without altering fat mass in diet-induced obesity. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600889	5.9	27
152	Ethanol extracts of <i>Brassica campestris</i> spp. rapa roots prevent high-fat diet-induced obesity via beta(3)-adrenergic regulation of white adipocyte lipolytic activity. <i>Journal of Medicinal Food</i> , <b>2010</b> , 13, 406-14	2.8	27
151	Dietary Eriodictyol Alleviates Adiposity, Hepatic Steatosis, Insulin Resistance, and Inflammation in Diet-Induced Obese Mice. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	26
150	The beneficial effect of soybean ( <i>Glycine max</i> (L.) Merr.) leaf extracts in adults with prediabetes: a randomized placebo controlled trial. <i>Food and Function</i> , <b>2014</b> , 5, 1621-30	6.1	26
149	Vitamin E supplementation alters HDL-cholesterol concentration and paraoxonase activity in rabbits fed high-cholesterol diet: comparison with probucol. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2005</b> , 19, 336-46	3.4	26
148	Du-zhong ( <i>Eucommia ulmoides</i> Oliv.) cortex water extract alters heme biosynthesis and erythrocyte antioxidant defense system in lead-administered rats. <i>Journal of Medicinal Food</i> , <b>2005</b> , 8, 86-92	2.8	26
147	The Soy Peptide Phe-Leu-Val Reduces TNF $\alpha$ -Induced Inflammatory Response and Insulin Resistance in Adipocytes. <i>Journal of Medicinal Food</i> , <b>2016</b> , 19, 678-85	2.8	25
146	Supplementation of cheonggukjang and red ginseng cheonggukjang can improve plasma lipid profile and fasting blood glucose concentration in subjects with impaired fasting glucose. <i>Journal of Medicinal Food</i> , <b>2011</b> , 14, 108-13	2.8	25

145	Anti-Obesity Effects of Soy Leaf via Regulation of Adipogenic Transcription Factors and Fat Oxidation in Diet-Induced Obese Mice and 3T3-L1 Adipocytes. <i>Journal of Medicinal Food</i> , <b>2015</b> , 18, 899-908	2.8	24
144	Unfolding protein response signaling is involved in development, maintenance, and regression of the corpus luteum during the bovine estrous cycle. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 441, 344-50	3.4	24
143	Effects of Puerariae Flos and Puerariae Radix extracts on antioxidant enzymes in ethanol-treated rats. <i>The American Journal of Chinese Medicine</i> , <b>2001</b> , 29, 343-54	6	24
142	Safflower seed extract lowers plasma and hepatic lipids in rats fed high-cholesterol diet. <i>Nutrition Research</i> , <b>2001</b> , 21, 895-904	4	24
141	Antihyperlipidemic effects of buckwheat leaf and flower in rats fed a high-fat diet. <i>Food Chemistry</i> , <b>2010</b> , 119, 235-240	8.5	23
140	Absorption of intestinal free cholesterol is lowered by supplementation of Areca catechu L. extract in rats. <i>Life Sciences</i> , <b>2002</b> , 70, 1849-59	6.8	23
139	Differences in metabolic biomarkers in the blood and gene expression profiles of peripheral blood mononuclear cells among normal weight, mildly obese and moderately obese subjects. <i>British Journal of Nutrition</i> , <b>2016</b> , 116, 1022-32	3.6	22
138	Dietary docosahexaenoic acid-rich diacylglycerols ameliorate hepatic steatosis and alter hepatic gene expressions in C57BL/6J-Lep(ob/ob) mice. <i>Molecular Nutrition and Food Research</i> , <b>2008</b> , 52, 965-73	5.9	22
137	Seabuckthorn Leaves Extract and Flavonoid Glycosides Extract from Seabuckthorn Leaves Ameliorates Adiposity, Hepatic Steatosis, Insulin Resistance, and Inflammation in Diet-Induced Obesity. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	21
136	Evaluation of adiposity-related biomarkers as metabolic syndrome indicators. <i>Clinical Nutrition Research</i> , <b>2013</b> , 2, 91-9	1.7	21
135	High fat diet-induced obesity leads to proinflammatory response associated with higher expression of NOD2 protein. <i>Nutrition Research and Practice</i> , <b>2011</b> , 5, 219-23	2.1	21
134	Differential expression of intermediate filaments in the process of developing hepatic steatosis. <i>Proteomics</i> , <b>2011</b> , 11, 2777-89	4.8	21
133	IL-7 receptor deletion ameliorates diet-induced obesity and insulin resistance in mice. <i>Diabetologia</i> , <b>2015</b> , 58, 2361-70	10.3	20
132	Benzyl isothiocyanate inhibits basal and hepatocyte growth factor-stimulated migration of breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , <b>2012</b> , 359, 431-40	4.2	20
131	Carbohydrate derivatives from the roots of Brassica rapa ssp. campestris and their effects on ROS production and glutamate-induced cell death in HT-22 cells. <i>Carbohydrate Research</i> , <b>2013</b> , 372, 9-14	2.9	20
130	Scopoletin Supplementation Ameliorates Steatosis and Inflammation in Diabetic Mice. <i>Phytotherapy Research</i> , <b>2017</b> , 31, 1795-1804	6.7	20
129	Anti-carcinogenic effects of non-polar components containing licochalcone A in roasted licorice root. <i>Nutrition Research and Practice</i> , <b>2014</b> , 8, 257-66	2.1	20
128	Omija fruit extract improves endurance and energy metabolism by upregulating PGC-1 $\alpha$ expression in the skeletal muscle of exercised rats. <i>Journal of Medicinal Food</i> , <b>2014</b> , 17, 28-35	2.8	20



127	Antiatherosclerotic effects of <i>Artemisia princeps</i> Pampanini cv. Sajabal in LDL receptor deficient mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 1267-74	5.7	20
126	Indole-containing fractions of <i>Brassica rapa</i> inhibit inducible nitric oxide synthase and pro-inflammatory cytokine expression by inactivating nuclear factor- $\kappa$ B. <i>Journal of Medicinal Food</i> , <b>2011</b> , 14, 1527-37	2.8	20
125	Soy pinitol acts partly as an insulin sensitizer or insulin mediator in 3T3-L1 preadipocytes. <i>Genes and Nutrition</i> , <b>2008</b> , 2, 359-64	4.3	20
124	The ethanol extract from <i>Artemisia princeps</i> Pampanini induces p53-mediated G1 phase arrest in A172 human neuroblastoma cells. <i>Journal of Medicinal Food</i> , <b>2008</b> , 11, 237-45	2.8	20
123	Interactive effect of hesperidin and vitamin E supplements on cholesterol metabolism in high cholesterol-fed rats. <i>International Journal for Vitamin and Nutrition Research</i> , <b>2001</b> , 71, 36-44	1.7	20
122	Increased expression of FGF1-mediated signaling molecules in adipose tissue of obese mice. <i>Journal of Physiology and Biochemistry</i> , <b>2016</b> , 72, 157-67	5	18
121	Anticoagulant and Antiplatelet Activities of <i>Artemisia princeps</i> Pampanini and Its Bioactive Components. <i>Preventive Nutrition and Food Science</i> , <b>2013</b> , 18, 181-7	2.4	18
120	Network analysis of hepatic genes responded to high-fat diet in C57BL/6J mice: nutrigenomics data mining from recent research findings. <i>Journal of Medicinal Food</i> , <b>2010</b> , 13, 743-56	2.8	18
119	Hepatic transcription response to high-fat treatment in mice: microarray comparison of individual vs. pooled RNA samples. <i>Biotechnology Journal</i> , <b>2010</b> , 5, 970-3	5.6	18
118	Changes in the hepatic gene expression profile in a rat model of chronic ethanol treatment. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 1378-88	4.7	18
117	Dietary oleuropein inhibits tumor angiogenesis and lymphangiogenesis in the B16F10 melanoma allograft model: a mechanism for the suppression of high-fat diet-induced solid tumor growth and lymph node metastasis. <i>Oncotarget</i> , <b>2017</b> , 8, 32027-32042	3.3	17
116	Dose-response study of sajabalssuk ethanol extract from <i>Artemisia princeps</i> Pampanini on blood glucose in subjects with impaired fasting glucose or mild type 2 diabetes. <i>Journal of Medicinal Food</i> , <b>2011</b> , 14, 101-7	2.8	17
115	A cytotoxic and apoptosis-inducing sesquiterpenoid isolated from the aerial parts of <i>Artemisia princeps</i> PAMPANINI (Sajabalssuk). <i>Chemical and Pharmaceutical Bulletin</i> , <b>2008</b> , 56, 1168-72	1.9	17
114	4-hydroxycinnamate lowers plasma and hepatic lipids without changing antioxidant enzyme activities. <i>Annals of Nutrition and Metabolism</i> , <b>2003</b> , 47, 144-51	4.5	17
113	Vitamin E improves microsomal phospholipase A2 activity and the arachidonic acid cascade in kidney of diabetic rats. <i>Journal of Nutrition</i> , <b>2001</b> , 131, 1297-301	4.1	17
112	Ursolic Acid Attenuates Hepatic Steatosis, Fibrosis, and Insulin Resistance by Modulating the Circadian Rhythm Pathway in Diet-Induced Obese Mice. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	17
111	Alteration of Microbiome Profile by D-Allulose in Amelioration of High-Fat-Diet-Induced Obesity in Mice. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	16
110	Effects of soy pinitol on the pro-inflammatory cytokines and scavenger receptors in oxidized low-density lipoprotein-treated THP-1 macrophages. <i>Journal of Medicinal Food</i> , <b>2007</b> , 10, 594-601	2.8	16

109	Two cinnamate derivatives produce similar alteration in mRNA expression and activity of antioxidant enzymes in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2003</b> , 17, 255-62	3.4	16
108	Effect of Green Tea Extract on Systemic Metabolic Homeostasis in Diet-Induced Obese Mice Determined via RNA-Seq Transcriptome Profiles. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	16
107	Combined Supplementation with Grape Pomace and Omija Fruit Ethanol Extracts Dose-Dependently Improves Body Composition, Plasma Lipid Profiles, Inflammatory Status, and Antioxidant Capacity in Overweight and Obese Subjects. <i>Journal of Medicinal Food</i> , <b>2016</b> , 19, 170-80	2.8	15
106	Long-Term Dietary Supplementation with Yerba Mate Ameliorates Diet-Induced Obesity and Metabolic Disorders in Mice by Regulating Energy Expenditure and Lipid Metabolism. <i>Journal of Medicinal Food</i> , <b>2017</b> , 20, 1168-1175	2.8	15
105	The beneficial effects of combined grape pomace and omija fruit extracts on hyperglycemia, adiposity and hepatic steatosis in db/db mice: a comparison with major index compounds. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 17778-89	6.3	15
104	Gestational loss and growth restriction by angiogenic defects in placental growth factor transgenic mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 2276-82	9.4	15
103	Randomized controlled trial of Sajabalssuk ( <i>Artemisia princeps</i> Pampanini) to treat pre-diabetes. <i>European Journal of Integrative Medicine</i> , <b>2012</b> , 4, e299-e308	1.7	15
102	Supplementation of SK1 from <i>Platycodi radix</i> ameliorates obesity and glucose intolerance in mice fed a high-fat diet. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 629-36	2.8	15
101	Tannic acid is more effective than clofibrate for the elevation of hepatic oxidation and the inhibition of 3-hydroxy-3-methyl-glutaryl-CoA reductase and aortic lesion formation in apo E-deficient mice. <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 1855-63	3.6	15
100	Evaluation of hesperetin 7-O-lauryl ether as lipid-lowering agent in high-cholesterol-fed rats. <i>Bioorganic and Medicinal Chemistry</i> , <b>2004</b> , 12, 3599-605	3.4	15
99	Supplementation of <i>Areca catechu</i> L. extract alters triglyceride absorption and cholesterol metabolism in rats. <i>Annals of Nutrition and Metabolism</i> , <b>2001</b> , 45, 279-84	4.5	15
98	Regulation of ferritin light chain gene expression by oxidized low-density lipoproteins in human monocytic THP-1 cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 265, 577-83	3.4	15
97	Tracing the Anti-Inflammatory Mechanism/Triggers of d-Allulose: A Profile Study of Microbiome Composition and mRNA Expression in Diet-Induced Obese Mice. <i>Molecular Nutrition and Food Research</i> , <b>2020</b> , 64, e1900982	5.9	15
96	A new phenanthrene derivative and two diarylheptanoids from the roots of <i>Brassica rapa</i> ssp. <i>campestris</i> inhibit the growth of cancer cell lines and LDL-oxidation. <i>Archives of Pharmacal Research</i> , <b>2013</b> , 36, 423-9	6.1	14
95	Differential effects of powdered whole soy milk and its hydrolysate on antiobesity and antihyperlipidemic response to high-fat treatment in C57BL/6N mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 2584-91	5.7	14
94	Blood lipid-lowering and antioxidant effects of a structured lipid containing monoacylglyceride enriched with monounsaturated fatty acids in C57BL/6 mice. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 452-60	2.8	14
93	Antilipogenic and hypolipidemic effects of ethanol extracts from two variants of <i>Artemisia princeps</i> Pampanini in obese diabetic mice. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 1238-44	2.8	14
92	Oxidized low-density lipoproteins may induce expression of monocyte chemotactic protein-3 in atherosclerotic plaques. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 323, 898-905	3.4	14

91	Platycodon grandiflorus Root Extract Attenuates Body Fat Mass, Hepatic Steatosis and Insulin Resistance through the Interplay between the Liver and Adipose Tissue. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	14
90	Beneficial Effects of Pterocarpin-High Soybean Leaf Extract on Metabolic Syndrome in Overweight and Obese Korean Subjects: Randomized Controlled Trial. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	14
89	Role of Synbiotics Containing d-Allulose in the Alteration of Body Fat and Hepatic Lipids in Diet-Induced Obese Mice. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	14
88	Dietary Isoliquiritigenin at a Low Dose Ameliorates Insulin Resistance and NAFLD in Diet-Induced Obesity in C57BL/6J Mice. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	14
87	Multi-omics: Differential expression of IFN- $\gamma$ results in distinctive mechanistic features linking chronic inflammation, gut dysbiosis, and autoimmune diseases. <i>Journal of Autoimmunity</i> , <b>2020</b> , 111, 102436	15.5	13
86	Actions of ferulic acid and vitamin E on prevention of hypercholesterolemia and atherogenic lesion formation in apolipoprotein E-deficient mice. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 996-1003	2.8	13
85	High-level expression and characterization of the recombinant enzyme, and tissue distribution of human succinic semialdehyde dehydrogenase. <i>Protein Expression and Purification</i> , <b>2005</b> , 44, 16-22	2	13
84	Berteroin present in cruciferous vegetables exerts potent anti-inflammatory properties in murine macrophages and mouse skin. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 20686-705	6.3	12
83	Inhibition of prothrombin kringle-2-induced inflammation by minocycline protects dopaminergic neurons in the substantia nigra in vivo. <i>NeuroReport</i> , <b>2014</b> , 25, 489-95	1.7	12
82	Lower absorption of cholesteryl oleate in rats supplemented with Areca catechu L. extract. <i>Annals of Nutrition and Metabolism</i> , <b>2000</b> , 44, 170-6	4.5	12
81	Comparison of Functional Properties of Cheonggukjang by Using Red Ginseng. <i>Journal of the Korean Society of Food Science and Nutrition</i> , <b>2008</b> , 37, 261-268	1.5	12
80	Phenolic Compounds from the Roots of Brassica rapa ssp. campestris. <i>Chemistry of Natural Compounds</i> , <b>2013</b> , 49, 852-856	0.7	11
79	Diacylglycerol-enriched structured lipids containing CLA and capric acid alter body fat mass and lipid metabolism in rats. <i>Annals of Nutrition and Metabolism</i> , <b>2006</b> , 50, 219-28	4.5	11
78	Chrysanthemum Leaf Ethanol Extract Prevents Obesity and Metabolic Disease in Diet-Induced Obese Mice via Lipid Mobilization in White Adipose Tissue. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	10
77	The involvement of 4-1BB/4-1BBL signaling in glial cell-mediated hypothalamic inflammation in obesity. <i>FEBS Open Bio</i> , <b>2018</b> , 8, 843-853	2.7	10
76	Time-dependent network analysis reveals molecular targets underlying the development of diet-induced obesity and non-alcoholic steatohepatitis. <i>Genes and Nutrition</i> , <b>2013</b> , 8, 301-16	4.3	10
75	Combined ethanol extract of grape pomace and omija fruit ameliorates adipogenesis, hepatic steatosis, and inflammation in diet-induced obese mice. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 212139	2.3	10
74	Effects of green tea catechin on polymorphonuclear leukocyte 5 $\alpha$ -lipooxygenase activity, leukotriene B4 synthesis, and renal damage in diabetic rats. <i>Annals of Nutrition and Metabolism</i> , <b>2004</b> , 48, 151-5	4.5	10

73	Polygonatum rhizoma affects antioxidant defense systems without changing mRNA expression in diet-induced hypercholesterolemic rabbits. <i>Journal of Medicinal Food</i> , <b>2004</b> , 7, 358-65	2.8	10
72	Anticholesterolemic effect of 3,4-di(OH)-phenylpropionic amides in high-cholesterol fed rats. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 208, 29-36	4.6	10
71	Effects of Extracts of Persimmon Leaf, Buckwheat Leaf, and Chinese Matrimony Vine Leaf on Body Fat and Lipid Metabolism in Rats. <i>Journal of the Korean Society of Food Science and Nutrition</i> , <b>2011</b> , 40, 1215-1226	1.5	10
70	Anti-obesity and anti-hepatosteatosis effects of dietary scopoletin in high-fat diet fed mice. <i>Journal of Functional Foods</i> , <b>2016</b> , 25, 433-446	5.1	10
69	SPARC paucity alleviates superoxide-mediated oxidative stress, apoptosis, and autophagy in diabetogenic hepatocytes. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 108, 874-895	7.8	9
68	Ethanol Extract of Persimmon Tree Leaves Improves Blood Circulation and Lipid Metabolism in Rats Fed a High-Fat Diet. <i>Journal of Medicinal Food</i> , <b>2015</b> , 18, 715-23	2.8	9
67	Gastrointestinal Tolerance of D-Allulose in Healthy and Young Adults. A Non-Randomized Controlled Trial. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	9
66	Omija fruit ethanol extract improves adiposity and related metabolic disturbances in mice fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 41, 137-141	6.3	8
65	Randomized double-blind placebo-controlled trial of powdered Brassica rapa ethanol extract on alteration of body composition and plasma lipid and adipocytokine profiles in overweight subjects. <i>Journal of Medicinal Food</i> , <b>2013</b> , 16, 133-8	2.8	8
64	Low trans structured fat from flaxseed oil improves plasma and hepatic lipid metabolism in apo E(-/-) mice. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 1550-5	4.7	8
63	5-(4-Hydroxy-2,3,5-trimethylbenzylidene) thiazolidine-2,4-dione attenuates atherosclerosis possibly by reducing monocyte recruitment to the lesion. <i>Experimental and Molecular Medicine</i> , <b>2011</b> , 43, 471-8	12.8	8
62	Rab7 gene is up-regulated by cholesterol-rich diet in the liver and artery. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 293, 375-82	3.4	8
61	Opposite Expression of SPARC between the Liver and Pancreas in Streptozotocin-Induced Diabetic Rats. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131189	3.7	8
60	Differential protein expression in white adipose tissue from obesity-prone and obesity-resistant mice in response to high fat diet and anti-obesity herbal medicines. <i>Cellular Physiology and Biochemistry</i> , <b>2015</b> , 35, 1482-98	3.9	7
59	Eriocitrin Improves Adiposity and Related Metabolic Disorders in High-Fat Diet-Induced Obese Mice. <i>Journal of Medicinal Food</i> , <b>2020</b> , 23, 233-241	2.8	7
58	Platycodi radix saponin inhibits $\alpha$ -glucosidase in vitro and modulates hepatic glucose-regulating enzyme activities in C57BL/KsJ-db/db mice. <i>Archives of Pharmacal Research</i> , <b>2014</b> , 37, 773-82	6.1	7
57	Quality Characteristics of Red Ginseng Cheonggukjang According to Addition Methods of Red Ginseng. <i>Journal of the Korean Society of Food Science and Nutrition</i> , <b>2007</b> , 36, 889-895	1.5	7
56	d-allulose Ameliorates Metabolic Dysfunction in C57BL/KsJ-db/db Mice. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7

55	Physcion reduces lipid accumulation and prevents the obesity in mice. <i>Nutrition and Metabolism</i> , <b>2019</b> , 16, 31	4.6	6
54	Antibacterial Mechanism of (-)-Nortrachelogenin in Escherichia coli O157. <i>Current Microbiology</i> , <b>2016</b> , 72, 48-54	2.4	6
53	Supplementation of Non-Dairy Creamer-Enriched High-Fat Diet with D-Allulose Ameliorated Blood Glucose and Body Fat Accumulation in C57BL/6J Mice. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2750	2.6	6
52	A nutrigenomic framework to identify time-resolving responses of hepatic genes in diet-induced obese mice. <i>Molecules and Cells</i> , <b>2013</b> , 36, 25-38	3.5	6
51	Beneficial effect of persimmon leaves and bioactive compounds on thrombosis. <i>Food Science and Biotechnology</i> , <b>2015</b> , 24, 233-240	3	6
50	Up-regulation of skeletal muscle LIM protein 1 gene by 25-hydroxycholesterol may mediate morphological changes of rat aortic smooth muscle cells. <i>Life Sciences</i> , <b>2007</b> , 80, 460-7	6.8	6
49	Effects of oral glucosamine hydrochloride and mucopolysaccharide protein in a rabbit model of osteoarthritis. <i>International Journal of Rheumatic Diseases</i> , <b>2018</b> , 21, 620-628	2.3	6
48	Effects of the Combined Extracts of Grape Pomace and Omija Fruit on Hyperglycemia and Adiposity in Type 2 Diabetic Mice. <i>Preventive Nutrition and Food Science</i> , <b>2015</b> , 20, 94-101	2.4	6
47	Isolation and Identification of Flavonoids from the Roots of Brassica rapa ssp.. <i>Journal of Applied Biological Chemistry</i> , <b>2013</b> , 56, 23-27	0.7	6
46	Anti-Diabetic Effects of Allulose in Diet-Induced Obese Mice via Regulation of mRNA Expression and Alteration of the Microbiome Composition. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	6
45	Fisetin Alleviates Hepatic and Adipocyte Fibrosis and Insulin Resistance in Diet-Induced Obese Mice. <i>Journal of Medicinal Food</i> , <b>2020</b> , 23, 1019-1032	2.8	6
44	Antiobesity Effects of Short-Chain Chitosan in Diet-Induced Obese Mice. <i>Journal of Medicinal Food</i> , <b>2018</b> , 21, 927-934	2.8	6
43	Time-course microarray analysis for identifying candidate genes involved in obesity-associated pathological changes in the mouse colon. <i>Genes and Nutrition</i> , <b>2016</b> , 11, 30	4.3	5
42	Dual effects of a mixture of grape pomace (Campbell Early) and Omija fruit ethanol extracts on lipid metabolism and the antioxidant defense system in diet-induced obese mice. <i>Nutrition Research and Practice</i> , <b>2015</b> , 9, 227-34	2.1	5
41	Changes in the Physicochemical Properties of Tomato Wine by Alcohol Fermentation. <i>Journal of the Korean Society of Food Science and Nutrition</i> , <b>2010</b> , 39, 1516-1521	1.5	5
40	Plasma Lipidomics Reveals Insights into Anti-Obesity Effect of Ramat Leaves and Its Constituent Luteolin in High-Fat Diet-Induced Dyslipidemic Mice. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	5
39	Supplementation of the Flavonoid Myricitrin Attenuates the Adverse Metabolic Effects of Long-Term Consumption of a High-Fat Diet in Mice. <i>Journal of Medicinal Food</i> , <b>2019</b> , 22, 1151-1158	2.8	5
38	Root Ethanol Extract Induces Lipid Excretion, Lipolysis, and Thermogenesis in Diet-Induced Obese Mice. <i>Journal of Medicinal Food</i> , <b>2019</b> , 22, 1100-1109	2.8	4

37	Hypolipidemic effect of dietary diacylglycerol oil in Sprague-Dawley rats fed a normal diet. <i>Journal of Medicinal Food</i> , <b>2007</b> , 10, 60-6	2.8	4
36	The Leaf of Thumb Ameliorates Renal Oxidative Damage in Mice with Type 2 Diabetes. <i>Preventive Nutrition and Food Science</i> , <b>2016</b> , 21, 378-383	2.4	4
35	A Mixture of Ethanol Extracts of Persimmon Leaf and Citrus junos Sieb Improves Blood Coagulation Parameters and Ameliorates Lipid Metabolism Disturbances Caused by Diet-Induced Obesity in C57BL/6J Mice. <i>Journal of Microbiology and Biotechnology</i> , <b>2016</b> , 26, 295-308	3.3	4
34	Effect of fermented Hovenia dulcis Thunb fruit water extract on biomarker for liver injury and body weight changes in rats given oral administration of ethanol. <i>Korean Journal of Food Preservation</i> , <b>2014</b> , 21, 412-420	0.5	4
33	Effects of Herbal Sports Drinks Containing Prunus mume Fruit Extract on the Plasma Lipid Profile and Endurance of Rats. <i>Journal of the Korean Society of Food Science and Nutrition</i> , <b>2012</b> , 41, 1409-1416	1.5	4
32	Loss of DJ-1 promotes browning of white adipose tissue in diet-induced obese mice. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 61, 56-67	6.3	3
31	Elucidation of the Metabolic and Transcriptional Responses of an Oriental Herbal Medicine, Bangpungtongseong-san, to Nonalcoholic Fatty Liver Disease in Diet-Induced Obese Mice. <i>Journal of Medicinal Food</i> , <b>2019</b> , 22, 928-936	2.8	3
30	Metabolic Effect of an Oriental Herbal Medicine on Obesity and Its Comorbidities with Transcriptional Responses in Diet-Induced Obese Mice. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	3
29	Cytotoxic effects of the conjugated linoleic acid isomers t10c12, c9t11-CLA and mixed form on rat hepatic stellate cells and CCl4-induced hepatic fibrosis. <i>Journal of Nutritional Biochemistry</i> , <b>2008</b> , 19, 175-83	6.3	3
28	Effect of 3,4-di(OH)-cinnamate synthetic derivative on plasma and hepatic cholesterol level and antioxidant enzyme activities in high cholesterol-fed rats. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2004</b> , 18, 279-87	3.4	3
27	Interaction of CETP inhibitory peptide and lipoprotein substrates in cholesteryl ester transfer assay: relationship between association properties and inhibitory activities. <i>Lipids</i> , <b>2002</b> , 37, 641-6	1.6	3
26	Effect of oxalomalate on lipid metabolism and antioxidant defense system in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2003</b> , 17, 295-302	3.4	3
25	Lipid-lowering efficacy of 3,4-di(OH)-phenylpropionic L-leucine in high-cholesterol fed rats. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2005</b> , 19, 25-31	3.4	3
24	Preventive Effects of Lycopene-Enriched Tomato Wine against Oxidative Stress in High Fat Diet-Fed Rats. <i>Preventive Nutrition and Food Science</i> , <b>2011</b> , 16, 95-103	2.4	3
23	Epac2a-knockout mice are resistant to dexamethasone-induced skeletal muscle atrophy and short-term cold stress. <i>BMB Reports</i> , <b>2018</b> , 51, 39-44	5.5	3
22	Characteristic Changes in Red Ginseng Fusion Cheonggukjang Based on Hydrolysis Conditions. <i>Journal of the Korean Society of Food Science and Nutrition</i> , <b>2007</b> , 36, 1031-1037	1.5	3
21	Hepatic proteome and its network response to supplementation of an anti-obesity herbal mixture in diet-induced obese mice. <i>Biotechnology and Bioprocess Engineering</i> , <b>2015</b> , 20, 775-793	3.1	2
20	Identification of bitter components from Pamp. <i>Food Science and Biotechnology</i> , <b>2016</b> , 25, 27-32	3	2

19	IFN $\gamma$ is a Key Link between Obesity and Th1-Mediated Autoimmune Diseases. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	2
18	Isolation and identification of secondary metabolites from the roots of <i>Brassica rapa</i> . <i>Journal of Plant Biotechnology</i> , <b>2009</b> , 36, 64-67	0.6	2
17	Intervention Study on the Efficacy and Safety of Ethanol Extract in Overweight or Moderately Obese Adults: A Single-Center, Randomized, Double-Blind, Placebo-Controlled Trial. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	1
16	Low-dose grape pomace and omija fruit extract is more effective than high-dose in lowering oxidative stress and fat-pad mass in / mice. <i>Food Science and Biotechnology</i> , <b>2017</b> , 26, 1709-1714	3	1
15	Effects of gamma-irradiated fats on plasma lipid concentrations and hepatic cholesterol metabolism in rats. <i>Annals of Nutrition and Metabolism</i> , <b>2001</b> , 45, 152-8	4.5	1
14	Effect of Hesperidin Supplementation on Lipid and Antioxidant Metabolism in Ethanol-fed Rats. <i>Preventive Nutrition and Food Science</i> , <b>2006</b> , 11, 289-297	2.4	1
13	Selection of differentially expressed gene in the colon of the mice fed high-fat diet associated with blood adipokine concentrations as early biomarkers of pathological changes. <i>FASEB Journal</i> , <b>2013</b> , 27, 865.3	0.9	1
12	A Model-Based Joint Identification of Differentially Expressed Genes and Phenotype-Associated Genes. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149086	3.7	1
11	<i>Rumex japonicus</i> Houtt. Ethanol Extract and Its Active Component on Prevention of Dyslipidemia and Hyperglycemia in Diet-Induced C57BL/6J Obese Mice. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 2247	2.6	1
10	Evaluation of the Dose-Dependent Effects of Fermented Mixed Grain Enzyme Food on Adiposity and Its Metabolic Disorders in High-Fat Diet-Induced Obese Mice. <i>Journal of Medicinal Food</i> , <b>2021</b> , 24, 873-882	2.8	1
9	Polyphenols and Nutrigenetic/Nutrigenomic Associations With Obesity-Related Metabolic Diseases <b>2020</b> , 327-334		0
8	Upregulation of cytosolic NADP <sup>+</sup> -dependent isocitrate dehydrogenase by hyperglycemia protects renal cells against oxidative stress. <i>Molecules and Cells</i> , <b>2010</b> , 29, 203	3.5	
7	In vivo effects of CETP inhibitory peptides in hypercholesterolemic rabbit and cholesteryl ester transfer protein-transgenic mice. <i>BMB Reports</i> , <b>2002</b> , 35, 172-7	5.5	
6	Effect of Genistein and Daidzein on Glucose Uptake in Isolated Rat Adipocytes; Comparison with Respective Glycones. <i>Preventive Nutrition and Food Science</i> , <b>2005</b> , 10, 52-57	2.4	
5	Supplementation of Fucoxanthin Rich-Seaweed Extract Improves Lipid Profiles and Suppresses Body Fat in Mice. <i>FASEB Journal</i> , <b>2008</b> , 22, 698.5	0.9	
4	Effects of Soy Pinitol on Hepatic Lipid and Antioxidant Metabolism in High Fat Diet-Fed C57BL/6 Mice. <i>FASEB Journal</i> , <b>2008</b> , 22, 698.3	0.9	
3	Nutrigenomic Approaches to Understanding the Transcriptional and Metabolic Responses of Phytochemicals to Diet-Induced Obesity and its Complications 218-229		
2	Differential Tissue-specific and Pathway-specific Anti-obesity Effects of Green Tea and Taeumjowitang, a Traditional Korean Medicine, in Mice. <i>Journal of Cancer Prevention</i> , <b>2017</b> , 22, 147-158 <sup>3</sup>		

- 1 Gene expression profiles of the colonic mucosa associated with phenotypic changes in mice fed high-fat diet. *FASEB Journal*, **2012**, 26, 824.4

0.9