Myoungsook Lee

List of Publications by Year
in descending order

82	1,506	331670 21	361022 35
papers	citations	h-index	g-index

83	83	83	2524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vitamin D 3 supplementation modulates inflammatory responses from the muscle damage induced by high-intensity exercise in SD rats. Cytokine, 2013, 63, 27-35.	3.2	94
2	A fruit and dairy dietary pattern is associated with a reduced risk of metabolic syndrome. Metabolism: Clinical and Experimental, 2012, 61, 883-890.	3.4	93
3	Brown Alga Ecklonia cava Polyphenol Extract Ameliorates Hepatic Lipogenesis, Oxidative Stress, and Inflammation by Activation of AMPK and SIRT1 in High-Fat Diet-Induced Obese Mice. Journal of Agricultural and Food Chemistry, 2015, 63, 349-359.	5.2	78
4	A healthy dietary pattern consisting of a variety of food choices is inversely associated with the development of metabolic syndrome. Nutrition Research and Practice, 2013, 7, 233.	1.9	74
5	Dieckol, a phlorotannin isolated from a brown seaweed, Ecklonia cava, inhibits adipogenesis through AMP-activated protein kinase (AMPK) activation in 3T3-L1 preadipocytes. Environmental Toxicology and Pharmacology, 2013, 36, 1253-1260.	4.0	73
6	Anthocyanin Rich-Black Soybean Testa Improved Visceral Fat and Plasma Lipid Profiles in Overweight/Obese Korean Adults: A Randomized Controlled Trial. Journal of Medicinal Food, 2016, 19, 995-1003.	1.5	65
7	Combined Treatment of Mulberry Leaf and Fruit Extract Ameliorates Obesity-Related Inflammation and Oxidative Stress in High Fat Diet-Induced Obese Mice. Journal of Medicinal Food, 2013, 16, 673-680.	1.5	54
8	Doenjang, a Korean Fermented Soy Food, Exerts Antiobesity and Antioxidative Activities in Overweight Subjects with the PPAR-Î³2 C1431T Polymorphism: 12-Week, Double-Blind Randomized Clinical Trial. Journal of Medicinal Food, 2014, 17, 119-127.	1.5	48
9	Inhibitory effect of anthocyanin-rich black soybean testa (Glycine max (L.) Merr.) on the inflammation-induced adipogenesis in a DIO mouse model. Journal of Functional Foods, 2015, 14, 623-633.	3.4	47
10	PPARÎ³2 C1431T Polymorphism Interacts with the Antiobesogenic Effects of Kochujang, a Korean Fermented, Soybean-Based Red Pepper Paste, in Overweight/Obese Subjects: A 12-Week, Double-Blind Randomized Clinical Trial. Journal of Medicinal Food, 2017, 20, 610-617.	1.5	39
11	The adipokine Retnla modulates cholesterol homeostasis in hyperlipidemic mice. Nature Communications, 2014, 5, 4410.	12.8	38
12	Anti-Diabetic Effects and Anti-Inflammatory Effects of Laminaria japonica and Hizikia fusiforme in Skeletal Muscle: In Vitro and In Vivo Model. Nutrients, 2018, 10, 491.	4.1	36
13	Effects of Mung Bean (Vigna radiata L.) Ethanol Extracts Decrease Proinflammatory Cytokine-Induced Lipogenesis in the KK-Ay Diabese Mouse Model. Journal of Medicinal Food, 2015, 18, 841-849.	1.5	34
14	Laminaria japonica Extract Enhances Intestinal Barrier Function by Altering Inflammatory Response and Tight Junction-Related Protein in Lipopolysaccharide-Stimulated Caco-2 Cells. Nutrients, 2019, 11, 1001.	4.1	31
15	Gender-Based Differences on the Association between Salt-Sensitive Genes and Obesity in Korean Children Aged between 8 and 9 Years. PLoS ONE, 2015, 10, e0120111.	2.5	31
16	Studies on the plasma lipid profiles, and LCAT and CETP activities according to hyperlipoproteinemia phenotypes (HLP). Atherosclerosis, 2001, 159, 381-389.	0.8	29
17	Salt Induces Adipogenesis/Lipogenesis and Inflammatory Adipocytokines Secretion in Adipocytes. International Journal of Molecular Sciences, 2019, 20, 160.	4.1	29
18	Genome-wide association study for the interaction between BMR and BMI in obese Korean women including overweight. Nutrition Research and Practice, 2016, 10, 115.	1.9	28

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19	Docosahexaenoic acid induces apoptosis in CYP2E1-containing HepG2 cells by activating the c-Jun N-terminal protein kinase related mitochondrial damage. Journal of Nutritional Biochemistry, 2007, 18, 348-354.	4.2	27
20	Contribution of Dietary Intakes of Antioxidants to Homocysteine-Induced Low Density Lipoprotein (LDL) Oxidation in Atherosclerotic Patients. Yonsei Medical Journal, 2010, 51, 526.	2.2	24
21	Dietary n-3 polyunsaturated fatty acids increase oxidative stress in rats with intracerebral hemorrhagic stroke. Nutrition Research, 2009, 29, 812-818.	2.9	22
22	Relationship between HDL3 subclasses and waist circumferences on the prevalence of metabolic syndrome: KMSRI-Seoul Study. Atherosclerosis, 2010, 213, 288-293.	0.8	22
23	Development of a Korean Diet Score (KDS) and its application assessing adherence to Korean healthy diet based on the Korean Food Guide Wheels. Nutrition Research and Practice, 2013, 7, 49.	1.9	22
24	Differential Effects of Dietary Fatty Acids on the Regulation of CYP2E1 and Protein Kinase C in Human Hepatoma HepG2 Cells. Journal of Medicinal Food, 2004, 7, 197-203.	1.5	21
25	Effects of Anthocyanin Supplementation on Reduction of Obesity Criteria: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Nutrients, 2021, 13, 2121.	4.1	21
26	Macronutrient Composition and Sodium Intake of Diet Are Associated with Risk of Metabolic Syndrome and Hypertension in Korean Women. PLoS ONE, 2013, 8, e78088.	2.5	21
27	Sex-dependent association between angiotensin-converting enzyme insertion/deletion polymorphism and obesity in relation to sodium intake in children. Nutrition, 2013, 29, 525-530.	2.4	19
28	Supplementation of Korean fermented soy paste doenjang reduces visceral fat in overweight subjects with mutant uncoupling protein-1 allele. Nutrition Research, 2012, 32, 8-14.	2.9	18
29	Peanut Sprout Extracts Attenuate Triglyceride Accumulation by Promoting Mitochondrial Fatty Acid Oxidation in Adipocytes. International Journal of Molecular Sciences, 2019, 20, 1216.	4.1	18
30	Replication of genetic effects of MC4R polymorphisms on body mass index in a Korean population. Endocrine, 2013, 44, 675-679.	2.3	17
31	Elevated vaspin and leptin levels are associated with obesity in prepubertal Korean children. Endocrine Journal, 2013, 60, 609-616.	1.6	17
32	Antioxidant and Apoptotic Effects of Korean White Ginseng Extracted with the Same Ratio of Protopanaxadiol and Protopanaxatriol Saponins in Human Hepatoma HepG2 Cells. Annals of the New York Academy of Sciences, 2009, 1171, 217-227.	3.8	16
33	Serum Adiponectin and Type 2 Diabetes: A 6-Year Follow-Up Cohort Study. Diabetes and Metabolism Journal, 2013, 37, 252.	4.7	14
34	Nutrigenomic Functions of PPARs in Obesogenic Environments. PPAR Research, 2016, 2016, 1-17.	2.4	14
35	Effects of SLC2A9 variants on uric acid levels in a Korean population. Rheumatology International, 2013, 33, 19-23.	3.0	12
36	Gender specific effect of major dietary patterns on the metabolic syndrome risk in Korean pre-pubertal children. Nutrition Research and Practice, 2013, 7, 139.	1.9	11

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37	Metabolomics Associated with Genome-Wide Association Study Related to the Basal Metabolic Rate in Overweight/Obese Korean Women. Journal of Medicinal Food, 2019, 22, 499-507.	1.5	11
38	Peanut sprout rich in p-coumaric acid ameliorates obesity and lipopolysaccharide-induced inflammation and the inhibition of browning in adipocytes via mitochondrial activation. Food and Function, 2021, 12, 5361-5374.	4.6	11
39	Anti-obesity Effects of Water and Ethanol Extracts of Black Ginseng. Journal of the Korean Society of Food Science and Nutrition, 2015, 44, 314-323.	0.9	11
40	The Impact ofCDH13Polymorphism and Statin Administration on TG/HDL Ratio in Cardiovascular Patients. Yonsei Medical Journal, 2015, 56, 1604.	2.2	10
41	Anti-inflammatory effects ofAgar free-Gelidium amansii (GA)extracts in high-fat diet-induced obese mice. Nutrition Research and Practice, 2018, 12, 479.	1.9	10
42	L-Carnitineâ€™s Effect on the Biomarkers of Metabolic Syndrome: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Nutrients, 2020, 12, 2795.	4.1	10
43	Study design and rationale of "Synergistic Effect of Combination Therapy with Cilostazol and ProbUcol on Plaque Stabilization and Lesion REgression (SECURE)" study: a double-blind randomised controlled multicenter clinical trial. Trials, 2011, 12, 10.	1.6	9
44	The geneâ€“diet interaction, LPL PvuII and HindIII and carbohydrate, on the criteria of metabolic syndrome: KMSRI-Seoul Study. Nutrition, 2013, 29, 1115-1121.	2.4	9
45	Synergistic attenuation of ovariectomy-induced bone loss by combined use of fish oil and 17I²-oestradiol. British Journal of Nutrition, 2017, 117, 479-489.	2.3	9
46	The Effects of C3G and D3G Anthocyanin-Rich Black Soybean on Energy Metabolism in Beige-like Adipocytes. Journal of Agricultural and Food Chemistry, 2020, 68, 12011-12018.	5.2	9
47	Anti-Inflammatory Potential of Cultured Ginseng Roots Extract in Lipopolysaccharide-Stimulated Mouse Macrophages and Adipocytes. International Journal of Environmental Research and Public Health, 2020, 17, 4716.	2.6	9
48	Adiponectin is Associated with Impaired Fasting Glucose in the Non-Diabetic Population. Epidemiology and Health, 2011, 33, e2011007.	1.9	9
49	Preventive effects of protopanaxadiol and protopanaxatriol ginsenosides on liver inflammation and apoptosis in hyperlipidemic apoE KO mice. Genes and Nutrition, 2012, 7, 319-329.	2.5	8
50	The association of lipoprotein lipase PvuII polymorphism and niacin intake in the prevalence of metabolic syndrome: a KMSRI-Seoul study. Genes and Nutrition, 2012, 7, 331-341.	2.5	8
51	Research trends in obesity & obesogenic environments in Korea. Nutrition Research and Practice, 2019, 13, 461.	1.9	8
52	Lipoprotein Lipase Inhibitor, Nordihydroguaiaretic Acid, Aggravates Metabolic Phenotypes and Alters HDL Particle Size in the Western Diet-Fed db/db Mice. International Journal of Molecular Sciences, 2019, 20, 3057.	4.1	7
53	RMR-Related MAP2K6 Gene Variation on the Risk of Overweight/Obesity in Children: A 3-Year Panel Study. Journal of Personalized Medicine, 2021, 11, 91.	2.5	7
54	Serum carnitine, triglyceride and cholesterol profiles in Korean neonates. British Journal of Nutrition, 2007, 98, 373-379.	2.3	6

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55	Cholesterol ester transfer protein gene is associated with high-density lipoprotein cholesterol levels in Korean population. Genes and Genomics, 2012, 34, 231-235.	1.4	6
56	The Effect of apoM Polymorphism Associated with HDL Metabolism on Obese Korean Adults. Journal of Nutrigenetics and Nutrigenomics, 2016, 9, 306-317.	1.3	6
57	Effects of interaction betweenSLC12A3polymorphism, salt-sensitive gene, and sodium intake on risk of child obesity. Journal of Nutrition and Health, 2017, 50, 32.	0.8	6
58	Consumer Perception Survey on the Health Functional Foods for Weight Control. Journal of the East Asian Society of Dietary Life, 2019, 29, 148-158.	0.6	6
59	Effect of isoflavone supplementation on menopausal symptoms: a systematic review and meta-analysis of randomized controlled trials. Nutrition Research and Practice, 2022, 16, S147.	1.9	6
60	The antioxidant and chemopreventive potentialities of Mosidae (Adenophora remotiflora) leaves. Nutrition Research and Practice, 2010, 4, 30.	1.9	5
61	The Gender Association of the SIRT1 rs7895833 Polymorphism with Pediatric Obesity: A 3-Year Panel Study. Journal of Nutrigenetics and Nutrigenomics, 2016, 9, 265-275.	1.3	5
62	The suppressive effect of Gelidium amansi-EtOH extracts on the adipogenesis with MAPK signals in adipocytes with or without macrophages. Food Science and Biotechnology, 2017, 26, 1715-1723.	2.6	5
63	A Testa Extract of Black Soybean (Glycine max (L.) Merr.) suppresses Adipogenic Activity of Adipose-derived Stem Cells. Development & Reproduction, 2015, 19, 235-242.	0.4	5
64	TT Mutant Homozygote ofKruppel-like Factor 5Is a Key Factor for Increasing Basal Metabolic Rate and Resting Metabolic Rate in Korean Elementary School Children. Genomics and Informatics, 2013, 11, 263.	0.8	5
65	Nutrition agenda during the era of the COVID-19 pandemic. Journal of Nutrition and Health, 2021, 54, 1.	0.8	4
66	Beiging Modulates Inflammatory Adipogenesis in Salt-Treated and MEK6â€“Transfected Adipocytes. Cells, 2021, 10, 1106.	4.1	4
67	The development of resources for the application of 2020 Dietary Reference Intakes for Koreans. Journal of Nutrition and Health, 2022, 55, 21.	0.8	4
68	MEK6 Overexpression Exacerbates Fat Accumulation and Inflammatory Cytokines in High-Fat Diet-Induced Obesity. International Journal of Molecular Sciences, 2021, 22, 13559.	4.1	4
69	Comparison of the Antioxidant Effects of Diallyl Sulfide, Capsaicin, Gingerol and Sulforaphane in H2O2-Stressed HepG2 Cells. The Korean Journal of Nutrition, 2011, 44, 488.	1.0	3
70	Salt-sensitive genes and their relation to obesity. Journal of Nutrition and Health, 2017, 50, 217.	0.8	2
71	Effect of Agarâ€free Gelidium Amansii on Obesity in DIO C57BL/6J Mice Model. FASEB Journal, 2015, 29, 750.2.	0.5	2
72	Impacts of High Sodium Intake on Obesity-related Gene Expression. Journal of the East Asian Society of Dietary Life, 2018, 28, 364-374.	0.6	2

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73	Anthocyanins: What They Are and How They Relate to Obesity Prevention. , 2019, , 409-430.		1
74	The Associations between Alcohol Intake and HDL Cholesterol Subclasses in Korean Population. Journal of Lipid and Atherosclerosis, 2012, 1, 61.	3.5	1
75	Citrus Peel Ethanol Extract Inhibits the Adipogenesis Caused from High Fat-Induced DIO Model. Food and Nutrition Sciences (Print), 2016, 07, 8-19.	0.4	1
76	The message from the KNS president: 2020 KDRIs Special Series. Journal of Nutrition and Health, 2021, 54, 423.	0.8	1
77	RMR-Related DNAJC6 Expression Suppresses Adipogenesis in 3T3-L1 Cells. Cells, 2022, 11, 1331.	4.1	1
78	Anti-atherosclerotic Effect of Green Tea in Poluynsaturated Fatty Acids-treated Apo E KO Mice. The Korean Journal of Nutrition, 2011, 44, 465.	1.0	0
79	Fermented Soypastes, Doenjang and Cheonggukjang, and Obesity. , 2014, , 227-237.		0
80	A Study on the Relationship between Uncoupling Proteinâ€1 (UCPâ€1) Genotype and LDL Cholesterol Level in Korean Elementary Boys and Girls. FASEB Journal, 2006, 20, LB91.	0.5	0
81	Antioxidant effects of Panax Ginseng extracts on the LPO production in the hypercholesterolemic apo E KO mice. FASEB Journal, 2008, 22, 702.21.	0.5	0
82	Effects of GNB3 Polymorphism on Gender Differences along with Energy Intake and HDL Subtypes of Korean Obese Children. FASEB Journal, 2015, 29, 748.3.	0.5	0