

Sunmin Park

List of Publications by Year in descending order

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261
papers

7,735
citations

71004

43
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docs citations

265
times ranked

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#	ARTICLE	IF	CITATIONS
1	Efficacy of Turmeric Extracts and Curcumin for Alleviating the Symptoms of Joint Arthritis: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. <i>Journal of Medicinal Food</i> , 2016, 19, 717-729.	0.8	319
2	Antidiabetic effects of fermented soybean products on type 2 diabetes. <i>Nutrition Research</i> , 2010, 30, 1-13.	1.3	302
3	Dysregulation of insulin receptor substrate 2 in β cells and brain causes obesity and diabetes. <i>Journal of Clinical Investigation</i> , 2004, 114, 908-916.	3.9	262
4	Upregulation of insulin receptor substrate-2 in pancreatic β cells prevents diabetes. <i>Journal of Clinical Investigation</i> , 2003, 112, 1521-1532.	3.9	232
5	Exendin-4 Uses Irs2 Signaling to Mediate Pancreatic β Cell Growth and Function. <i>Journal of Biological Chemistry</i> , 2006, 281, 1159-1168.	1.6	189
6	Irs1 and Irs2 signaling is essential for hepatic glucose homeostasis and systemic growth. <i>Journal of Clinical Investigation</i> , 2006, 116, 101-114.	3.9	186
7	Insulin Sensitizing and Insulinotropic Action of Berberine from <i>Coptidis Rhizoma</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1431-1437.	0.6	170
8	Estrogen and Exercise May Enhance β -Cell Function and Mass via Insulin Receptor Substrate 2 Induction in Ovariectomized Diabetic Rats. <i>Endocrinology</i> , 2005, 146, 4786-4794.	1.4	137
9	The Irs1 Branch of the Insulin Signaling Cascade Plays a Dominant Role in Hepatic Nutrient Homeostasis. <i>Molecular and Cellular Biology</i> , 2009, 29, 5070-5083.	1.1	132
10	Probiotics for weight loss: a systematic review and meta-analysis. <i>Nutrition Research</i> , 2015, 35, 566-575.	1.3	125
11	Isoflavonoids and peptides from meju, long-term fermented soybeans, increase insulin sensitivity and exert insulinotropic effects in vitro. <i>Nutrition</i> , 2011, 27, 244-252.	1.1	108
12	Antioxidant action of soy isoflavones on oxidative stress and antioxidant enzyme activities in exercised rats. <i>Nutrition Research and Practice</i> , 2014, 8, 618.	0.7	97
13	<i>Gastrodia elata</i> Blume water extracts improve insulin resistance by decreasing body fat in diet-induced obese rats: vanillin and 4-hydroxybenzaldehyde are the bioactive candidates. <i>European Journal of Nutrition</i> , 2011, 50, 107-118.	1.8	93
14	Ginsenosides Rb1 and Rg1 Suppress Triglyceride Accumulation in 3T3-L1 Adipocytes and Enhance β -Cell Insulin Secretion and Viability in Min6 Cells via PKA-Dependent Pathways. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2815-2823.	0.6	85
15	Capsiate improves glucose metabolism by improving insulin sensitivity better than capsaicin in diabetic rats. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1078-1085.	1.9	83
16	A positive association of vitamin D deficiency and sarcopenia in 50 year old women, but not men. <i>Clinical Nutrition</i> , 2014, 33, 900-905.	2.3	81
17	Vitamin D deficiency impairs glucose-stimulated insulin secretion and increases insulin resistance by reducing PPAR- β expression in nonobese Type 2 diabetic rats. <i>Journal of Nutritional Biochemistry</i> , 2016, 27, 257-265.	1.9	80
18	Effects of total vitamin A, vitamin C, and fruit intake on risk for metabolic syndrome in Korean women and men. <i>Nutrition</i> , 2015, 31, 111-118.	1.1	79

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19	The lignan-rich fractions of Fructus Schisandrae improve insulin sensitivity via the PPAR- β pathways in in vitro and in vivo studies. <i>Journal of Ethnopharmacology</i> , 2011, 135, 455-462.	2.0	76
20	Long-term consumption of fermented soybean-derived Chungkookjang enhances insulinotropic action unlike soybeans in 90% pancreatectomized diabetic rats. <i>European Journal of Nutrition</i> , 2007, 46, 44-52.	1.8	75
21	Protection against Alzheimer's disease by luteolin: Role of brain glucose regulation, anti-inflammatory activity, and the gut microbiota-brain axis. <i>BioFactors</i> , 2021, 47, 218-231.	2.6	69
22	The insulin sensitizing effect of homoisoflavone-enriched fraction in <i>Liriope platyphylla</i> Wang et Tang via PI3-kinase pathway. <i>Life Sciences</i> , 2004, 75, 2653-2664.	2.0	64
23	The isoflavonoid aglycone-rich fractions of Chungkookjang, fermented unsalted soybeans, enhance insulin signaling and peroxisome proliferator-activated receptor- β activity in vitro. <i>BioFactors</i> , 2006, 26, 245-258.	2.6	63
24	Serum prolactin concentrations determine whether they improve or impair β -cell function and insulin sensitivity in diabetic rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 564-574.	1.7	63
25	Insulin sensitizing and α -glucoamylase inhibitory action of sennosides, rheins and rhaponticin in <i>Rhei Rhizoma</i> . <i>Life Sciences</i> , 2006, 78, 934-942.	2.0	62
26	Intermittent fasting protects against the deterioration of cognitive function, energy metabolism and dyslipidemia in Alzheimer's disease-induced estrogen deficient rats. <i>Experimental Biology and Medicine</i> , 2018, 243, 334-343.	1.1	62
27	Long-Term Effects of Central Leptin and Resistin on Body Weight, Insulin Resistance, and β -Cell Function and Mass by the Modulation of Hypothalamic Leptin and Insulin Signaling. <i>Endocrinology</i> , 2008, 149, 445-454.	1.4	61
28	Efficacy of Ginger for Alleviating the Symptoms of Primary Dysmenorrhea: A Systematic Review and Meta-analysis of Randomized Clinical Trials. <i>Pain Medicine</i> , 2015, 16, 2243-2255.	0.9	61
29	Glyceollins, One of the Phytoalexins Derived from Soybeans under Fungal Stress, Enhance Insulin Sensitivity and Exert Insulinotropic Actions. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1551-1557.	2.4	59
30	Melatonin receptor 1 B polymorphisms associated with the risk of gestational diabetes mellitus. <i>BMC Medical Genetics</i> , 2011, 12, 82.	2.1	58
31	Exercise improves glucose homeostasis that has been impaired by a high-fat diet by potentiating pancreatic β -cell function and mass through IRS2 in diabetic rats. <i>Journal of Applied Physiology</i> , 2007, 103, 1764-1771.	1.2	56
32	Antioxidant Activity of Glyceollins Derived from Soybean Elicited with <i>Aspergillus sojae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11633-11638.	2.4	55
33	Induction of long-term normoglycemia without medication in Korean type 2 diabetes patients after continuous subcutaneous insulin infusion therapy. <i>Diabetes/Metabolism Research and Reviews</i> , 2003, 19, 124-130.	1.7	52
34	Cyanidin and malvidin in aqueous extracts of black carrots fermented with <i>Aspergillus oryzae</i> prevent the impairment of energy, lipid and glucose metabolism in estrogen-deficient rats by AMPK activation. <i>Genes and Nutrition</i> , 2015, 10, 455.	1.2	51
35	Changes in Components, Glycyrrhizin and Glycyrrhetic Acid, in Raw <i>Glycyrrhiza uralensis</i> Fisch, Modify Insulin Sensitizing and Insulinotropic Actions. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 1452-1461.	0.6	50
36	Very-low-fat diets may be associated with increased risk of metabolic syndrome in the adult population. <i>Clinical Nutrition</i> , 2016, 35, 1159-1167.	2.3	50

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37	Eqol Decreases Hot Flashes in Postmenopausal Women: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. <i>Journal of Medicinal Food</i> , 2019, 22, 127-139.	0.8	50
38	Ketone production by ketogenic diet and by intermittent fasting has different effects on the gut microbiota and disease progression in an Alzheimer's disease rat model. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020, 67, 188-198.	0.6	49
39	Exercise and dexamethasone oppositely modulate β -cell function and survival via independent pathways in 90% pancreatectomized rats. <i>Journal of Endocrinology</i> , 2006, 190, 471-482.	1.2	47
40	Long-term consumption of caffeine improves glucose homeostasis by enhancing insulinotropic action through islet insulin/insulin-like growth factor 1 signaling in diabetic rats. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 599-607.	1.5	47
41	Kochujang, a Korean fermented red pepper plus soybean paste, improves glucose homeostasis in 90% pancreatectomized diabetic rats. <i>Nutrition</i> , 2009, 25, 790-799.	1.1	47
42	Vitamin D deficiency is an independent risk factor for cardiovascular disease in Koreans aged \geq 50 years: results from the Korean National Health and Nutrition Examination Survey. <i>Nutrition Research and Practice</i> , 2012, 6, 162.	0.7	47
43	Antifungal Activity of Glyceollins Isolated from Soybean Elicited with <i>Aspergillus sojae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9483-9487.	2.4	46
44	Yuzu Extract Prevents Cognitive Decline and Impaired Glucose Homeostasis in β -Amyloid-Infused Rats. <i>Journal of Nutrition</i> , 2013, 143, 1093-1099.	1.3	46
45	Interactions with the MC4R rs17782313 variant, mental stress and energy intake and the risk of obesity in Genome Epidemiology Study. <i>Nutrition and Metabolism</i> , 2016, 13, 38.	1.3	46
46	Exendin-4 Potentiates Insulinotropic Action Partly via Increasing β -Cell Proliferation and Neogenesis and Decreasing Apoptosis in Association With the Attenuation of Endoplasmic Reticulum Stress in Islets of Diabetic Rats. <i>Journal of Pharmacological Sciences</i> , 2009, 111, 361-371.	1.1	45
47	Nutritional risk factors of early development of postpartum prediabetes and diabetes in women with gestational diabetes mellitus. <i>Nutrition</i> , 2011, 27, 782-788.	1.1	45
48	Fermented food intake is associated with a reduced likelihood of atopic dermatitis in an adult population (Korean National Health and Nutrition Examination Survey 2012-2013). <i>Nutrition Research</i> , 2016, 36, 125-133.	1.3	45
49	Low-dose brain estrogen prevents menopausal syndrome while maintaining the diversity of the gut microbiomes in estrogen-deficient rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E99-E109.	1.8	44
50	Exercise Enhances Insulin and Leptin Signaling in the Cerebral Cortex and Hypothalamus during Dexamethasone-Induced Stress in Diabetic Rats. <i>Neuroendocrinology</i> , 2005, 82, 282-293.	1.2	43
51	High carbohydrate diets are positively associated with the risk of metabolic syndrome irrespective to fatty acid composition in women: the KNHANES 2007-2014. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 479-487.	1.3	42
52	The combination of luteolin and l-theanine improved Alzheimer disease-like symptoms by potentiating hippocampal insulin signaling and decreasing neuroinflammation and norepinephrine degradation in amyloid- β -infused rats. <i>Nutrition Research</i> , 2018, 60, 116-131.	1.3	42
53	Central infusion of leptin improves insulin resistance and suppresses β -cell function, but not β -cell mass, primarily through the sympathetic nervous system in a type 2 diabetic rat model. <i>Life Sciences</i> , 2010, 86, 854-862.	2.0	41
54	Central Prolactin Modulates Insulin Sensitivity and Insulin Secretion in Diabetic Rats. <i>Neuroendocrinology</i> , 2012, 95, 332-343.	1.2	41

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55	Fermenting soybeans with <i>Bacillus licheniformis</i> potentiates their capacity to improve cognitive function and glucose homeostasis in diabetic rats with experimental Alzheimer's type dementia. <i>European Journal of Nutrition</i> , 2015, 54, 77-88.	1.8	41
56	Platyconic acid, a saponin from <i>Platycodon radix</i> , improves glucose homeostasis by enhancing insulin sensitivity in vitro and in vivo. <i>European Journal of Nutrition</i> , 2012, 51, 529-540.	1.8	40
57	Maternal Vitamin D Deficiency in Early Pregnancy Is Not Associated with Gestational Diabetes Mellitus Development or Pregnancy Outcomes in Korean Pregnant Women in a Prospective Study. <i>Journal of Nutritional Science and Vitaminology</i> , 2014, 60, 269-275.	0.2	40
58	Curcumin and tetrahydrocurcumin both prevent osteoarthritis symptoms and decrease the expressions of pro-inflammatory cytokines in estrogen-deficient rats. <i>Genes and Nutrition</i> , 2016, 11, 2.	1.2	40
59	Exendin-4 and exercise promotes β -cell function and mass through IRS2 induction in islets of diabetic rats. <i>Life Sciences</i> , 2008, 82, 503-511.	2.0	38
60	Self-rated Subjective Health Status Is Strongly Associated with Sociodemographic Factors, Lifestyle, Nutrient Intakes, and Biochemical Indices, but Not Smoking Status: KNHANES 2007-2012. <i>Journal of Korean Medical Science</i> , 2015, 30, 1279.	1.1	38
61	Plasma Levels of Lysine, Tyrosine, and Valine During Pregnancy Are Independent Risk Factors of Insulin Resistance and Gestational Diabetes. <i>Metabolic Syndrome and Related Disorders</i> , 2015, 13, 64-70.	0.5	38
62	Effects of Okchun-San, a herbal formulation, on blood glucose levels and body weight in a model of Type 2 diabetes. <i>Journal of Ethnopharmacology</i> , 2006, 103, 491-495.	2.0	37
63	β -Amyloid-induced cognitive dysfunction impairs glucose homeostasis by increasing insulin resistance and decreasing β -cell mass in non-diabetic and diabetic rats. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1749-1760.	1.5	36
64	<i>Lactobacillus intestinalis</i> efficiently produces equol from daidzein and chungkookjang, short-term fermented soybeans. <i>Archives of Microbiology</i> , 2019, 201, 1009-1017.	1.0	36
65	A Korean-Style Balanced Diet Has a Potential Connection with Ruminococcaceae Enterotype and Reduction of Metabolic Syndrome Incidence in Korean Adults. <i>Nutrients</i> , 2021, 13, 495.	1.7	36
66	Intermittent fasting reduces body fat but exacerbates hepatic insulin resistance in young rats regardless of high protein and fat diets. <i>Journal of Nutritional Biochemistry</i> , 2017, 40, 14-22.	1.9	35
67	Association of <i>KCNQ1</i> Polymorphisms with the Gestational Diabetes Mellitus in Korean Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 445-449.	1.8	33
68	Strong Positive Associations Between Seafood, Vegetables, and Alcohol With Blood Mercury and Urinary Arsenic Levels in the Korean Adult Population. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 64, 160-170.	2.1	33
69	Central acylated ghrelin improves memory function and hippocampal AMPK activation and partly reverses the impairment of energy and glucose metabolism in rats infused with β -amyloid. <i>Peptides</i> , 2015, 71, 84-93.	1.2	33
70	Efficacy and safety of Gegen Qinlian decoction for normalizing hyperglycemia in diabetic patients: A systematic review and meta-analysis of randomized clinical trials. <i>Complementary Therapies in Medicine</i> , 2017, 33, 6-13.	1.3	33
71	Interaction of BDNF rs6265 variants and energy and protein intake in the risk for glucose intolerance and type 2 diabetes in middle-aged adults. <i>Nutrition</i> , 2017, 33, 187-194.	1.1	33
72	Interactions among the variants of insulin-related genes and nutrients increase the risk of type 2 diabetes. <i>Nutrition Research</i> , 2018, 51, 82-92.	1.3	33

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73	Effects of $\hat{1}\pm$ -tocopherol supplementation and continuous subcutaneous insulin infusion on oxidative stress in Korean patients with type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 728-733.	2.2	32
74	Central infusion of ketone bodies modulates body weight and hepatic insulin sensitivity by modifying hypothalamic leptin and insulin signaling pathways in type 2 diabetic rats. <i>Brain Research</i> , 2011, 1401, 95-103.	1.1	32
75	Glyceollin-containing fermented soybeans improve glucose homeostasis in diabetic mice. <i>Nutrition</i> , 2012, 28, 204-211.	1.1	31
76	Gastroprotective actions of <i>Taraxacum coreanum</i> Nakai water extracts in ethanol-induced rat models of acute and chronic gastritis. <i>Journal of Ethnopharmacology</i> , 2017, 208, 84-93.	2.0	31
77	Consumption of ellagic acid and dihydromyricetin synergistically protects against UV-B induced photoaging, possibly by activating both TGF- $\hat{1}^2$ 1 and wnt signaling pathways. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 92-100.	1.7	31
78	Chitosan alleviated menopausal symptoms and modulated the gut microbiota in estrogen-deficient rats. <i>European Journal of Nutrition</i> , 2021, 60, 1907-1919.	1.8	31
79	Methyl jasmonate treated buckwheat sprout powder enhances glucose metabolism by potentiating hepatic insulin signaling in estrogen-deficient rats. <i>Nutrition</i> , 2016, 32, 129-137.	1.1	28
80	Efficacy and Safety of GuiZhi-ShaoYao-ZhiMu Decoction for Treating Rheumatoid Arthritis: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. <i>Journal of Alternative and Complementary Medicine</i> , 2017, 23, 756-770.	2.1	28
81	Long-Term Intracerebroventricular Infusion of Insulin, but Not Glucose, Modulates Body Weight and Hepatic Insulin Sensitivity by Modifying the Hypothalamic Insulin Signaling Pathway in Type 2 Diabetic Rats. <i>Neuroendocrinology</i> , 2009, 89, 387-399.	1.2	27
82	Soybean fermentation with <i>Bacillus licheniformis</i> increases insulin sensitizing and insulinotropic activity. <i>Food and Function</i> , 2013, 4, 1675.	2.1	27
83	High genetic risk scores for impaired insulin secretory capacity doubles the risk for type 2 diabetes in Asians and is exacerbated by <i>W</i> estern-type diets. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e2944.	1.7	27
84	$\hat{1}^3$ -PGA-Rich Chungkookjang, Short-Term Fermented Soybeans: Prevents Memory Impairment by Modulating Brain Insulin Sensitivity, Neuro-Inflammation, and the Gut-Microbiome-Brain Axis. <i>Foods</i> , 2021, 10, 221.	1.9	27
85	Sarcopenia Is a Cause and Consequence of Metabolic Dysregulation in Aging Humans: Effects of Gut Dysbiosis, Glucose Dysregulation, Diet and Lifestyle. <i>Cells</i> , 2022, 11, 338.	1.8	27
86	Body Fat Percentage and Hemoglobin Levels Are Related to Blood Lead, Cadmium, and Mercury Concentrations in a Korean Adult Population (KNHANES 2008-2010). <i>Biological Trace Element Research</i> , 2013, 151, 315-323.	1.9	26
87	Serum Magnesium Level Is Associated with Type 2 Diabetes in Women with a History of Gestational Diabetes Mellitus: The Korea National Diabetes Program Study. <i>Journal of Korean Medical Science</i> , 2014, 29, 84.	1.1	26
88	Central visfatin potentiates glucose-stimulated insulin secretion and $\hat{1}^2$ -cell mass without increasing serum visfatin levels in diabetic rats. <i>Cytokine</i> , 2014, 65, 159-166.	1.4	26
89	Mulberry and dandelion water extracts prevent alcohol-induced steatosis with alleviating gut microbiome dysbiosis. <i>Experimental Biology and Medicine</i> , 2018, 243, 882-894.	1.1	26
90	Topical Application of <i>Chrysanthemum indicum</i> L. Attenuates the Development of Atopic Dermatitis-Like Skin Lesions by Suppressing Serum IgE Levels, IFN- $\hat{1}^3$, and IL-4 in Nc/Nga Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	0.5	25

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91	Prunus mume and Lithospermum erythrorhizon Extracts Synergistically Prevent Visceral Adiposity by Improving Energy Metabolism through Potentiating Hypothalamic Leptin and Insulin Signalling in Ovariectomized Rats. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	0.5	25
92	Standardized chungkookjang, short-term fermented soybeans with <i>Bacillus lichemiformis</i> , improves glucose homeostasis as much as traditionally made chungkookjang in diabetic rats. Journal of Clinical Biochemistry and Nutrition, 2013, 52, 49-57.	0.6	25
93	Topical treatments of Saussurea costus root and Thuja orientalis L. synergistically alleviate atopic dermatitis-like skin lesions by inhibiting protease-activated receptor-2 and NF- κ B signaling in HaCaT cells and Nc/Nga mice. Journal of Ethnopharmacology, 2017, 199, 97-105.	2.0	25
94	Meju, unsalted soybeans fermented with Bacillus subtilis and Aspergillus oryzae, potentiates insulinotropic actions and improves hepatic insulin sensitivity in diabetic rats. Nutrition and Metabolism, 2012, 9, 37.	1.3	24
95	<i>TRPV1</i> Gene Polymorphisms Are Associated with Type 2 Diabetes by Their Interaction with Fat Consumption in the Korean Genome Epidemiology Study. Journal of Nutrigenetics and Nutrigenomics, 2016, 9, 47-61.	1.8	24
96	Synbiotic effects of β -glucans from cauliflower mushroom and Lactobacillus fermentum on metabolic changes and gut microbiome in estrogen-deficient rats. Genes and Nutrition, 2017, 12, 31.	1.2	24
97	Alcohol Intake Interacts with <i>CDKAL1</i> , <i>HHEX</i> , and <i>OAS3</i> Genetic Variants, Associated with the Risk of Type 2 Diabetes by Lowering Insulin Secretion in Korean Adults. Alcoholism: Clinical and Experimental Research, 2018, 42, 2326-2336.	1.4	24
98	Chungkookjang, a soy food, fermented with Bacillus amyloliquefaciens protects gerbils against ischemic stroke injury, and post-stroke hyperglycemia. Food Research International, 2020, 128, 108769.	2.9	24
99	Tramadol enhances hepatic insulin sensitivity via enhancing insulin signaling cascade in the cerebral cortex and hypothalamus of 90% pancreatectomized rats. Brain Research Bulletin, 2005, 67, 77-86.	1.4	23
100	The prevalence of GAD antibodies in Korean women with gestational diabetes mellitus and their clinical characteristics during and after pregnancy. Diabetes/Metabolism Research and Reviews, 2009, 25, 329-334.	1.7	23
101	The supplementation of Korean mistletoe water extracts reduces hot flushes, dyslipidemia, hepatic steatosis, and muscle loss in ovariectomized rats. Experimental Biology and Medicine, 2015, 240, 477-487.	1.1	23
102	Strong positive association of traditional Asian-style diets with blood cadmium and lead levels in the Korean adult population. International Journal of Environmental Health Research, 2013, 23, 531-543.	1.3	22
103	Ebselen pretreatment attenuates ischemia/reperfusion injury and prevents hyperglycemia by improving hepatic insulin signaling and β -cell survival in gerbils. Free Radical Research, 2014, 48, 864-874.	1.5	22
104	Supplementing with Opuntia ficus-indica Mill and Dioscorea nipponica Makino extracts synergistically attenuates menopausal symptoms in estrogen-deficient rats. Journal of Ethnopharmacology, 2014, 155, 267-276.	2.0	22
105	<i>Aloe vera</i> Is Effective and Safe in Short-term Treatment of Irritable Bowel Syndrome: A Systematic Review and Meta-analysis. Journal of Neurogastroenterology and Motility, 2018, 24, 528-535.	0.8	22
106	Carrying minor allele of FADS1 and haplotype of FADS1 and FADS2 increased the risk of metabolic syndrome and moderate but not low fat diets lowered the risk in two Korean cohorts. European Journal of Nutrition, 2019, 58, 831-842.	1.8	22
107	Short-Term Fermented Soybeans with <i>Bacillus amyloliquefaciens</i> Potentiated Insulin Secretion Capacity and Improved Gut Microbiome Diversity and Intestinal Integrity To Alleviate Asian Type 2 Diabetic Symptoms. Journal of Agricultural and Food Chemistry, 2020, 68, 13168-13178.	2.4	22
108	Red peppers with moderate and severe pungency prevent the memory deficit and hepatic insulin resistance in diabetic rats with Alzheimer's disease. Nutrition and Metabolism, 2015, 12, 9.	1.3	21

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109	A 70% Ethanol Extract of Mistletoe Rich in Betulin, Betulinic Acid, and Oleanolic Acid Potentiated β -Cell Function and Mass and Enhanced Hepatic Insulin Sensitivity. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-13.	0.5	21
110	Combination of Aronia, Red Ginseng, Shiitake Mushroom and Nattokinase Potentiated Insulin Secretion and Reduced Insulin Resistance with Improving Gut Microbiome Dysbiosis in Insulin Deficient Type 2 Diabetic Rats. Nutrients, 2018, 10, 948.	1.7	21
111	A Healthy Diet Rich in Calcium and Vitamin C Is Inversely Associated with Metabolic Syndrome Risk in Korean Adults from the KNHANES 2013-2017. Nutrients, 2021, 13, 1312.	1.7	21
112	Aqueous Blackcurrant Extract Improves Insulin Sensitivity and Secretion and Modulates the Gut Microbiome in Non-Obese Type 2 Diabetic Rats. Antioxidants, 2021, 10, 756.	2.2	21
113	The inhibitory effect of saponin derived from Cheonggukjang on adipocyte differentiation In vitro. Food Science and Biotechnology, 2014, 23, 1273-1278.	1.2	20
114	Anti-Diabetic Activities of Gastrodia elata Blume Water Extracts Are Mediated Mainly by Potentiating Glucose-Stimulated Insulin Secretion and Increasing β -Cell Mass in Non-Obese Type 2 Diabetic Animals. Nutrients, 2016, 8, 161.	1.7	20
115	<i>Agrimonia pilosa</i> Ledeb., <i>Cinnamomum cassia</i> Blume, and <i>Lonicera japonica</i> Thunb. protect against cognitive dysfunction and energy and glucose dysregulation by reducing neuroinflammation and hippocampal insulin resistance in β -amyloid-infused rats. Nutritional Neuroscience, 2017, 20, 77-88.	1.5	20
116	An Inverse Relation between Hyperglycemia and Skeletal Muscle Mass Predicted by Using a Machine Learning Approach in Middle-Aged and Older Adults in Large Cohorts. Journal of Clinical Medicine, 2021, 10, 2133.	1.0	20
117	Antecedent intake of traditional Asian-style diets exacerbates pancreatic β -cell function, growth and survival after Western-style diet feeding in weaning male rats. Journal of Nutritional Biochemistry, 2006, 17, 307-318.	1.9	19
118	Ischemic hippocampal cell death induces glucose dysregulation by attenuating glucose-stimulated insulin secretion which is exacerbated by a high fat diet. Life Sciences, 2011, 88, 766-773.	2.0	19
119	Inverse relationship between fat intake and blood lead levels in the Korean adult population in the KNHANES 2007-2009. Science of the Total Environment, 2012, 430, 161-166.	3.9	19
120	Synergistic topical application of salt-processed <i>Phellodendron amurense</i> and <i>Sanguisorba officinalis</i> Linne alleviates atopic dermatitis symptoms by reducing levels of immunoglobulin E and pro-inflammatory cytokines in NC/Nga mice. Molecular Medicine Reports, 2015, 12, 7657-7664.	1.1	19
121	Rice Porridge Containing Welsh Onion Root Water Extract Alleviates Osteoarthritis-Related Pain Behaviors, Glucose Levels, and Bone Metabolism in Osteoarthritis-Induced Ovariectomized Rats. Nutrients, 2019, 11, 1503.	1.7	19
122	A Western-style diet interacts with genetic variants of the LDL receptor to hyper-LDL cholesterolemia in Korean adults. Public Health Nutrition, 2021, 24, 2964-2974.	1.1	19
123	<i>Tetragonia tetragonioides</i> Protected against Memory Dysfunction by Elevating Hippocampal Amyloid- β Deposition through Potentiating Insulin Signaling and Altering Gut Microbiome Composition. International Journal of Molecular Sciences, 2020, 21, 2900.	1.8	19
124	Association between polygenetic risk scores related to sarcopenia risk and their interactions with regular exercise in a large cohort of Korean adults. Clinical Nutrition, 2021, 40, 5355-5364.	2.3	19
125	Does fluoxetine administration influence insulin resistance in 90% pancreatectomized rats?. Metabolism: Clinical and Experimental, 2002, 51, 38-43.	1.5	18
126	Huang-Lian-Jie-Du-Tang Supplemented with <i>Schisandra chinensis</i> Baill. and <i>Polygonatum odoratum</i> Druce Improved Glucose Tolerance by Potentiating Insulinotropic Actions in Islets in 90% Pancreatectomized Diabetic Rats. Bioscience, Biotechnology and Biochemistry, 2009, 73, 2384-2392.	0.6	18

#	ARTICLE	IF	CITATIONS
127	Estrogen Replacement Reverses Olanzapine-Induced Weight Gain and Hepatic Insulin Resistance in Ovariectomized Diabetic Rats. <i>Neuropsychobiology</i> , 2010, 61, 148-161.	0.9	18
128	Carbohydrate and sodium intake and physical activity interact with genetic risk scores of four genetic variants mainly related to lipid metabolism to modulate metabolic syndrome risk in Korean middle-aged adults. <i>British Journal of Nutrition</i> , 2019, 122, 919-927.	1.2	18
129	Severe calcium deficiency increased visceral fat accumulation, down-regulating genes associated with fat oxidation, and increased insulin resistance while elevating serum parathyroid hormone in estrogen-deficient rats. <i>Nutrition Research</i> , 2020, 73, 48-57.	1.3	18
130	Folate and vitamin B-12 deficiencies additively impair memory function and disturb the gut microbiota in amyloid- β^2 infused rats. <i>International Journal for Vitamin and Nutrition Research</i> , 2022, 92, 169-181.	0.6	18
131	Development and Validation of an Insulin Resistance Predicting Model Using a Machine-Learning Approach in a Population-Based Cohort in Korea. <i>Diagnostics</i> , 2022, 12, 212.	1.3	18
132	<i>Tetragonia tetragonioides</i> (Pall.) Kuntze protects estrogen-deficient rats against disturbances of energy and glucose metabolism and decreases proinflammatory cytokines. <i>Experimental Biology and Medicine</i> , 2017, 242, 593-605.	1.1	17
133	Association of β^3 -adrenergic receptor rs4994 polymorphisms with the risk of type 2 diabetes: A systematic review and meta-analysis. <i>Diabetes Research and Clinical Practice</i> , 2017, 129, 86-96.	1.1	17
134	A Meta-Analysis of the Associations Between the ATP-Binding Cassette Transporter ABCA1 R219K (rs2230806) Polymorphism and the Risk of Type 2 Diabetes in Asians. <i>Hormone and Metabolic Research</i> , 2018, 50, 308-316.	0.7	17
135	Instant noodles, processed food intake, and dietary pattern are associated with atopic dermatitis in an adult population (KNHANES 2009-2011). <i>Asia Pacific Journal of Clinical Nutrition</i> , 2016, 25, 602-13.	0.3	17
136	Bioactive Components of <i>Houttuynia cordata</i> Thunb and Their Potential Mechanisms Against COVID-19 Using Network Pharmacology and Molecular Docking Approaches. <i>Journal of Medicinal Food</i> , 2022, 25, 355-366.	0.8	17
137	Exendin-4 and exercise improve hepatic glucose homeostasis by promoting insulin signaling in diabetic rats. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 123-133.	1.5	16
138	Injection of β^2 -amyloid into the hippocampus induces metabolic disturbances and involuntary weight loss which may be early indicators of Alzheimer's disease. <i>Aging Clinical and Experimental Research</i> , 2014, 26, 93-98.	1.4	16
139	Women with rigorously managed overt diabetes during pregnancy do not experience adverse infant outcomes but do remain at serious risk of postpartum diabetes. <i>Endocrine Journal</i> , 2015, 62, 319-327.	0.7	16
140	Carbohydrate Intake Exhibited a Positive Association with the Risk of Metabolic Syndrome in Both Semi-Quantitative Food Frequency Questionnaires and 24-Hour Recall in Women. <i>Journal of Korean Medical Science</i> , 2017, 32, 1474.	1.1	16
141	Protein and fat intake interacts with the haplotype of PTPN11_rs11066325, RPH3A_rs886477, and OAS3_rs2072134 to modulate serum HDL concentrations in middle-aged people. <i>Clinical Nutrition</i> , 2020, 39, 942-949.	2.3	16
142	Long-term silk peptide intake promotes skeletal muscle mass, reduces inflammation, and modulates gut microbiota in middle-aged female rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111415.	2.5	16
143	Association of the Healthy Eating Index with Estimated Cardiovascular Age in Adults from the KNHANES 2013-2017. <i>Nutrients</i> , 2020, 12, 2912.	1.7	16
144	Long-term consumption of saponins derived from <i>Platycodi radix</i> (22 years old) enhances hepatic insulin sensitivity and glucose-stimulated insulin secretion in 90% pancreatectomized diabetic rats fed a high-fat diet. <i>British Journal of Nutrition</i> , 2009, 101, 358-366.	1.2	15

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145	Jerusalem artichoke and chungkookjang additively improve insulin secretion and sensitivity in diabetic rats. <i>Nutrition and Metabolism</i> , 2012, 9, 112.	1.3	15
146	Exercise training attenuates cerebral ischemic hyperglycemia by improving hepatic insulin signaling and β -cell survival. <i>Life Sciences</i> , 2013, 93, 153-160.	2.0	15
147	Codonopsis lanceolata Water Extract Increases Hepatic Insulin Sensitivity in Rats with Experimentally-Induced Type 2 Diabetes. <i>Nutrients</i> , 2017, 9, 1200.	1.7	15
148	High Genetic Risk Scores of β -AS1C2, MACROD2, CHRM3, and C2orf83 Genetic Variants Associated with Polycystic Ovary Syndrome Impair Insulin Sensitivity and Interact with Energy Intake in Korean Women. <i>Gynecologic and Obstetric Investigation</i> , 2019, 84, 225-236.	0.7	15
149	Alcohol, Carbohydrate, and Calcium Intakes and Smoking Interactions with APOA5 rs662799 and rs2266788 were Associated with Elevated Plasma Triglyceride Concentrations in a Cross-Sectional Study of Korean Adults. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020, 120, 1318-1329.e1.	0.4	15
150	<i>Pediococcus acidilactici</i> intake decreases the clinical severity of atopic dermatitis along with increasing mucin production and improving the gut microbiome in Nc/Nga mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110488.	2.5	15
151	Interactions between Polygenic Risk Scores, Dietary Pattern, and Menarche Age with the Obesity Risk in a Large Hospital-Based Cohort. <i>Nutrients</i> , 2021, 13, 3772.	1.7	15
152	Olanzapine, not resperidone, exacerbates β -cell function and mass in ovariectomized diabetic rats and estrogen replacement reverses them. <i>Journal of Psychopharmacology</i> , 2010, 24, 1105-1114.	2.0	14
153	A ketogenic diet impairs energy and glucose homeostasis by the attenuation of hypothalamic leptin signaling and hepatic insulin signaling in a rat model of non-obese type 2 diabetes. <i>Experimental Biology and Medicine</i> , 2011, 236, 194-204.	1.1	14
154	Chronic activation of central AMPK attenuates glucose-stimulated insulin secretion and exacerbates hepatic insulin resistance in diabetic rats. <i>Brain Research Bulletin</i> , 2014, 108, 18-26.	1.4	14
155	Fermented soybeans, Chungkookjang, prevent hippocampal cell death and β -cell apoptosis by decreasing pro-inflammatory cytokines in gerbils with transient artery occlusion. <i>Experimental Biology and Medicine</i> , 2016, 241, 296-307.	1.1	14
156	Chungkookjang with High Contents of Poly- β -Glutamic Acid Improves Insulin Sensitizing Activity in Adipocytes and Neuronal Cells. <i>Nutrients</i> , 2018, 10, 1588.	1.7	14
157	Mixture of blackberry leaf and fruit extracts alleviates non-alcoholic steatosis, enhances intestinal integrity, and increases <i>Lactobacillus</i> and <i>Akkermansia</i> in rats. <i>Experimental Biology and Medicine</i> , 2019, 244, 1629-1641.	1.1	14
158	High genetic risk scores of SLIT3, PLEKHA5 and PPP2R2C variants increased insulin resistance and interacted with coffee and caffeine consumption in middle-aged adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 79-89.	1.1	14
159	Quantitative changes of Veillonella, Streptococcus, and Neisseria in the oral cavity of patients with recurrent aphthous stomatitis: A systematic review and meta-analysis. <i>Archives of Oral Biology</i> , 2021, 129, 105198.	0.8	14
160	Age- and gender-specific associations between low serum 25-hydroxyvitamin D level and type 2 diabetes in the Korean general population: analysis of 2008-2009 Korean National Health and Nutrition Examination Survey data. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2012, 21, 536-46.	0.3	14
161	Chlorpromazine exacerbates hepatic insulin sensitivity via attenuating insulin and leptin signaling pathway, while exercise partially reverses the adverse effects. <i>Life Sciences</i> , 2007, 80, 2428-2435.	2.0	13
162	Can splenocytes enhance pancreatic β -cell function and mass in 90% pancreatectomized rats fed a high fat diet?. <i>Life Sciences</i> , 2009, 84, 358-363.	2.0	13

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163	Early gestational weight gains within current recommendations result in increased risk of gestational diabetes mellitus among Korean women. <i>Diabetes/Metabolism Research and Reviews</i> , 2014, 30, 716-725.	1.7	13
164	Gene-gene and gene-lifestyle interactions of AKAP11, KCNMA1, PUM1, SPTBN1, and EPDR1 on osteoporosis risk in middle-aged adults. <i>Nutrition</i> , 2020, 79-80, 110859.	1.1	13
165	Ferulic acid and vinpocetine intake improves memory function by enhancing insulin sensitivity and reducing neuroinflammation and oxidative stress in type 2 diabetic animals with induced Alzheimer's disease. <i>Journal of Functional Foods</i> , 2022, 95, 105180.	1.6	13
166	Red peppers with different pungencies and bioactive compounds differentially modulate energy and glucose metabolism in ovariectomized rats fed high fat diets. <i>Journal of Functional Foods</i> , 2014, 7, 246-256.	1.6	12
167	Subcutaneous fat mass is associated with genetic risk scores related to proinflammatory cytokine signaling and interact with physical activity in middle-aged obese adults. <i>Nutrition and Metabolism</i> , 2019, 16, 75.	1.3	12
168	Acid Hydrolyzed Silk Peptide Consumption Improves Anti-Diabetic Symptoms by Potentiating Insulin Secretion and Preventing Gut Microbiome Dysbiosis in Non-Obese Type 2 Diabetic Animals. <i>Nutrients</i> , 2020, 12, 311.	1.7	12
169	Bacterial Distribution, Biogenic Amine Contents, and Functionalities of Traditionally Made Doenjang, a Long-Term Fermented Soybean Food, from Different Areas of Korea. <i>Microorganisms</i> , 2021, 9, 1348.	1.6	12
170	Alleviation of Dyslipidemia via a Traditional Balanced Korean Diet Represented by a Low Glycemic and Low Cholesterol Diet in Obese Women in a Randomized Controlled Trial. <i>Nutrients</i> , 2022, 14, 235.	1.7	12
171	Beneficial Effects of a Low-Glycemic Diet on Serum Metabolites and Gut Microbiota in Obese Women With Prevotella and Bacteroides Enterotypes: A Randomized Clinical Trial. <i>Frontiers in Nutrition</i> , 2022, 9, 861880.	1.6	12
172	Asian Elm tree inner bark prevents articular cartilage deterioration in ovariectomized obese rats with monoiodoacetate-induced osteoarthritis. <i>Menopause</i> , 2016, 23, 197-208.	0.8	11
173	The combination of <i>Artemisia princeps</i> Pamp, <i>Leonurus japonicas</i> Houtt, and <i>Gardenia jasminoides</i> Ellis fruit attenuates the exacerbation of energy, lipid, and glucose by increasing hepatic PGC-1 α expression in estrogen-deficient rats. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 137.	3.7	11
174	High carbohydrate and noodle/meat-rich dietary patterns interact with the minor haplotype in the 22q13 loci to increase its association with non-alcoholic fatty liver disease risk in Koreans. <i>Nutrition Research</i> , 2020, 82, 88-98.	1.3	11
175	The haplotype of <i>SLC2A9</i> rs3733591, <i>PKD2</i> rs2725220 and <i>ABCG2</i> rs2231142 increases the hyperuricaemia risk and alcohol, chicken and processed meat intakes and smoking interact with its risk. <i>International Journal of Food Sciences and Nutrition</i> , 2021, 72, 391-401.	1.3	11
176	A Positive Association of Overactivated Immunity with Metabolic Syndrome Risk and Mitigation of Its Association by a Plant-Based Diet and Physical Activity in a Large Cohort Study. <i>Nutrients</i> , 2021, 13, 2308.	1.7	11
177	Protection against Neurological Symptoms by Consuming Corn Silk Water Extract in Artery-Occluded Gerbils with Reducing Oxidative Stress, Inflammation, and Post-Stroke Hyperglycemia through the Gut-Brain Axis. <i>Antioxidants</i> , 2022, 11, 168.	2.2	11
178	A Causal Relationship between Vitamin C Intake with Hyperglycemia and Metabolic Syndrome Risk: A Two-Sample Mendelian Randomization Study. <i>Antioxidants</i> , 2022, 11, 857.	2.2	11
179	Wnt-Signaling-Mediated Antiosteoporotic Activity of Porcine Placenta Hydrolysates in Ovariectomized Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	0.5	10
180	Black carrots fermented with <i>Lactobacillus plantarum</i> or <i>Aspergillus oryzae</i> prevent cognitive dysfunction by improving hippocampal insulin signalling in amyloid- β infused rats. <i>Journal of Functional Foods</i> , 2016, 25, 354-366.	1.6	10

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181	<i>Gastrodia elata</i> Rhizome Aqueous Extract Improves Arterial Thrombosis, Dyslipidemia, and Insulin Response in Testosterone-Deficient Rats. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-11.	0.5	10
182	Red mulberry fruit aqueous extract and silk proteins accelerate acute ethanol metabolism and promote the antioxidant enzyme systems in rats. Molecular Medicine Reports, 2018, 18, 1197-1205.	1.1	10
183	Aqueous Extracts of <i>Morus alba</i> Root Bark and <i>Cornus officinalis</i> Fruit Protect against Osteoarthritis Symptoms in Testosterone-Deficient and Osteoarthritis-Induced Rats. Pharmaceutics, 2020, 12, 1245.	2.0	10
184	Protective effects of <i>Forsythiae fructus</i> and <i>Cassiae semen</i> water extract against memory deficits through the gut-microbiome-brain axis in an Alzheimer's disease model. Pharmaceutical Biology, 2022, 60, 212-224.	1.3	10
185	Effects of Bile Acid Modulation by Dietary Fat, Cholecystectomy, and Bile Acid Sequestrant on Energy, Glucose, and Lipid Metabolism and Gut Microbiota in Mice. International Journal of Molecular Sciences, 2022, 23, 5935.	1.8	10
186	The Combination of Mulberry Extracts and Silk Amino Acids Alleviated High Fat Diet-Induced Nonalcoholic Hepatic Steatosis by Improving Hepatic Insulin Signaling and Normalizing Gut Microbiome Dysbiosis in Rats. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-17.	0.5	9
187	Polygenetic-Risk Scores Related to Crystallin Metabolism Are Associated with Age-Related Cataract Formation and Interact with Hyperglycemia, Hypertension, Western-Style Diet, and Na Intake. Nutrients, 2020, 12, 3534.	1.7	9
188	Association of Polygenetic Risk Scores Related to Cell Differentiation and Inflammation with Thyroid Cancer Risk and Genetic Interaction with Dietary Intake. Cancers, 2021, 13, 1510.	1.7	9
189	Browning Prevention of Black Carrot Extract and the Quality Characteristics of Jelly Supplemented with Black Carrot Extract. Journal of the Korean Society of Food Culture, 2013, 28, 293-302.	0.3	9
190	Alleviation of Androgenetic Alopecia with Aqueous <i>Paeonia lactiflora</i> and <i>Poria cocos</i> Extract Intake through Suppressing the Steroid Hormone and Inflammatory Pathway. Pharmaceutics, 2021, 14, 1128.	1.7	9
191	Calorie reduction of chocolate ganache through substitution of whipped cream. Journal of Ethnic Foods, 2017, 4, 51-57.	0.8	8
192	A minor allele of the haplotype located in the 19q13 loci is associated with a decreased risk of hyper-LDL-cholesterolemia, and a balanced diet and high protein intake can reduce the risk. Lipids in Health and Disease, 2020, 19, 178.	1.2	8
193	<i>Schizonepeta tenuifolia</i> with <i>Alpinia oxyphylla</i> Alleviates Atopic Dermatitis and Improves the Gut Microbiome in Nc/Nga Mice. Pharmaceutics, 2020, 12, 722.	2.0	8
194	Intermittent fasting with a high-protein diet mitigated osteoarthritis symptoms by increasing lean body mass and reducing inflammation in osteoarthritic rats with Alzheimer's disease-like dementia. British Journal of Nutrition, 2022, 127, 55-67.	1.2	8
195	Quality and Sensory Characteristics of Fermented Milk Adding Black Carrot Extracts Fermented with <i>Aspergillus oryzae</i> . Journal of the Korean Society of Food Culture, 2015, 30, 370-376.	0.3	8
196	Alleviation of Neuronal Cell Death and Memory Deficit with Chungkookjang Made with <i>Bacillus amyloliquefaciens</i> and <i>Bacillus subtilis</i> Potentially through Promoting Gut-Brain Axis in Artery-Occluded Gerbils. Foods, 2021, 10, 2697.	1.9	8
197	Rose hip alleviates pain and disease progression in rats with monoiodoacetate induced osteoarthritis. Journal of the Korean Society for Applied Biological Chemistry, 2014, 57, 143-151.	0.9	7
198	THADA_rs13429458 Minor Allele Increases the Risk of Polycystic Ovary Syndrome in Asian, but Not in Caucasian Women: A Systematic Review and Meta-Analysis. Hormone and Metabolic Research, 2019, 51, 661-670.	0.7	7

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199	Ojajeonjonghwan, an oriental medicine composed of five seeds, protects against vasomotor and neurological disorders in estrogen-deficient rats. <i>Experimental Biology and Medicine</i> , 2019, 244, 193-206.	1.1	7
200	Moderate intake of aspartame and sucralose with meals, but not fructose, does not exacerbate energy and glucose metabolism in estrogen-deficient rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2019, 65, 223-231.	0.6	7
201	Trends in the Intake of Fatty Acids and Their Food Source According to Obese Status Among Korean Adult Population Using KNHANES 2007-2017. <i>Food and Nutrition Bulletin</i> , 2020, 41, 77-88.	0.5	7
202	The Effects of Using Artificial Sweeteners and Coffee Grounds in Chocolate Filling on Quality Characteristics and Glycemic Index. <i>Journal of Applied Biological Chemistry</i> , 2014, 57, 307-312.	0.2	7
203	Antioxidant capacity of anthocyanin-rich fruits and vegetables and changes of quality characteristics of black carrot added pudding according to storage. <i>Journal of Applied Biological Chemistry</i> , 2016, 59, 273-280.	0.2	7
204	Association between IL-10 rs3024505 and susceptibility to inflammatory bowel disease: A systematic review and meta-analysis. <i>Cytokine</i> , 2022, 149, 155721.	1.4	7
205	Association Between Korean-Style Balanced Diet and Risk of Abdominal Obesity in Korean Adults: An Analysis Using KNHANES-VI (2013-2016). <i>Frontiers in Nutrition</i> , 2021, 8, 772347.	1.6	7
206	Korean turmeric is effective for dyslipidemia in human intervention study. <i>Journal of Ethnic Foods</i> , 2016, 3, 213-221.	0.8	6
207	<i>Allium fistulosum</i> (Welsh onion) and <i>Portulaca oleracea</i> increase longitudinal bone growth in weanling rats possibly by promoting TGF- β 2 and IGF-1 signaling. <i>Journal of Functional Foods</i> , 2019, 58, 151-160.	1.6	6
208	Chronic water insufficiency induced kidney damage and energy dysregulation despite reduced food intake, which improved gut microbiota in female rats. <i>Journal of Physiological Sciences</i> , 2019, 69, 599-612.	0.9	6
209	Six Gentlemen Decoction adding <i>Aucklandia</i> and <i>Amomum</i> (Xiangsha Liujunzi Tang) for the treatment of ulcerative colitis: A systematic review and meta-analysis of randomized clinical trials. <i>European Journal of Integrative Medicine</i> , 2020, 36, 101119.	0.8	6
210	Menopause, Ultraviolet Exposure, and Low Water Intake Potentially Interact with the Genetic Variants Related to Collagen Metabolism Involved in Skin Wrinkle Risk in Middle-Aged Women. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2044.	1.2	6
211	Long-Term Effect of Porcine Brain Enzyme Hydrolysate Intake on Scopolamine-Induced Memory Impairment in Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3361.	1.8	6
212	Fermented Soybean Products and Their Bioactive Compounds. , 2011, , .		5
213	Efficacy of the Oriental herbal medicine, Jie Yu Dan, for alleviating post-stroke aphasia: A Systematic Review and meta-analysis of randomized clinical trials. <i>European Journal of Integrative Medicine</i> , 2018, 24, 35-48.	0.8	5
214	Associations between metabolic syndrome and urinary Na-to-K ratio and glomerular filtration rate in middle-aged adults regardless of Na and K intakes. <i>Clinical and Experimental Nephrology</i> , 2020, 24, 1015-1024.	0.7	5
215	Association of aryl hydrocarbon receptor transactivating activity, a potential biomarker for persistent organic pollutants, with the risk of gestational diabetes mellitus. <i>Scientific Reports</i> , 2021, 11, 3185.	1.6	5
216	Associations of Polygenetic Variants at the 11q23 Locus and Their Interactions with Macronutrient Intake for the Risk of 3GO, a Combination of Hypertension, Hyperglycemia, and Dyslipidemia. <i>Journal of Personalized Medicine</i> , 2021, 11, 207.	1.1	5

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217	Combined association of skeletal muscle mass and grip strength with cardiovascular diseases in patients with type 2 diabetes. <i>Journal of Diabetes</i> , 2021, 13, 1015-1024.	0.8	5
218	Association of Polygenetic Risk Scores Related to Immunity and Inflammation with Hyperthyroidism Risk and Interactions between the Polygenetic Scores and Dietary Factors in a Large Cohort. <i>Journal of Thyroid Research</i> , 2021, 2021, 1-12.	0.5	5
219	Hyperglycemia and Hypo-HDL-cholesterolemia Are Primary Risk Factors for Age-related Cataract, and a Korean-style Balanced Diet has a Negative Association, based on the Korean Genome and Epidemiology Study. <i>Journal of Korean Medical Science</i> , 2021, 36, e155.	1.1	5
220	Mental stress and physical activity interact with the genetic risk scores of the genetic variants related to sweetness preference in high sucrose-containing food and glucose tolerance. <i>Food Science and Nutrition</i> , 2020, 8, 3492-3503.	1.5	5
221	Bacterial Community and Anti-Cerebrovascular Disease-Related Bacillus Species Isolated from Traditionally Made Kochujang from Different Provinces of Korea. <i>Microorganisms</i> , 2021, 9, 2238.	1.6	5
222	Alleviation of Metabolic Disturbance by Substituting Kanjang High in Bacillus for Salt through Modulation of Gut Microbiota in Estrogen-Deficient Rats. <i>Foods</i> , 2022, 11, 1951.	1.9	5
223	Anti-Obesity effects of Chang-Chul-Eui-Ee-In-Tang (è«œœ`è-è«jâ»œ±) in female rats with diet-induced obesity. <i>Chinese Journal of Integrative Medicine</i> , 2011, 17, 925-932.	0.7	4
224	Efficacy and safety of Di-Tan Decoction for treating post-stroke neurological disorders: a systematic review and Meta-analysis of randomized clinical trials. <i>Chinese Journal of Natural Medicines</i> , 2021, 19, 339-350.	0.7	4
225	Efficacy and Safety of Aronia, Red Ginseng, Shiitake Mushroom, and Nattokinase Mixture on Insulin Resistance in Prediabetic Adults: A Randomized, Double-Blinded, Placebo-Controlled Trial. <i>Foods</i> , 2021, 10, 1558.	1.9	4
226	Association between Polygenetic Risk Scores of Low Immunity and Interactions between These Scores and Moderate Fat Intake in a Large Cohort. <i>Nutrients</i> , 2021, 13, 2849.	1.7	4
227	Maternal and lifestyle effect on bone mineral density in Korean children and adolescents aged 8-19. <i>The Korean Journal of Nutrition</i> , 2013, 46, 147.	1.0	4
228	Physicochemical properties of dacquoise made with sugar or sugar replacements, tagatose, and erythritol. <i>Journal of Applied Biological Chemistry</i> , 2017, 60, 87-93.	0.2	4
229	Familial interactions and physical, lifestyle, and dietary factors to affect bone mineral density of children in the KNHANES 2009-2010. <i>Journal of Bone and Mineral Metabolism</i> , 2014, 32, 455-467.	1.3	3
230	Dangguijihwang-tang and Dangguijakyak-san Prevent Menopausal Symptoms and Dangguijihwang-tang Prevents Articular Cartilage Deterioration in Ovariectomized Obese Rats with Monoiodoacetate-Induced Osteoarthritis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-15.	0.5	3
231	Can Topical Use of Ginseng or Ginsenosides Accelerate Wound Healing?. <i>Journal of Medicinal Food</i> , 2018, 21, 1075-1076.	0.8	3
232	Association between PTPN22 -1123G/C and susceptibility to rheumatoid arthritis: A systematic review and meta-analysis. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 769-780.	0.9	3
233	A mixture of mulberry and silk amino acids protected against D-galactosamine induced acute liver damage by attenuating oxidative stress and inflammation in HepG2 cells and rats. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 3611-3619.	0.8	3
234	Interaction of Polygenetic Variants for Gestational Diabetes Mellitus Risk with Breastfeeding and Korean Balanced Diet to Influence Type 2 Diabetes Risk in Later Life in a Large Hospital-Based Cohort. <i>Journal of Personalized Medicine</i> , 2021, 11, 1175.	1.1	3

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235	Protection against Osteoarthritis Symptoms by Aerobic Exercise with a High-Protein Diet by Reducing Inflammation in a Testosterone-Deficient Animal Model. <i>Life</i> , 2022, 12, 177.	1.1	3
236	Association of Estrogen-Related Polygenetic Risk Scores with Breast Cancer and Interactions with Alcohol Intake, Early Menarche, and Nulligravida. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 13-24.	0.5	3
237	Isolation and identification of mucin-degrading bacteria originated from human faeces and their potential probiotic efficacy according to host's microbiome enterotype. <i>Journal of Applied Microbiology</i> , 2022, 133, 362-374.	1.4	3
238	Polygenetic-Risk Scores for A Glaucoma Risk Interact with Blood Pressure, Glucose Control, and Carbohydrate Intake. <i>Nutrients</i> , 2020, 12, 3282.	1.7	2
239	<i>Pinus koraiensis</i> needle or cone extracts alleviate atopic dermatitis symptoms by regulating immunity and suppressing inflammation in HaCaT cells and Nc/Nga mice. <i>Journal of Food Biochemistry</i> , 2022, 46, e14135.	1.2	2
240	Association of Age-Related Cataract Risk with High Polygenetic Risk Scores Involved in Galactose-Related Metabolism and Dietary Interactions. <i>Lifestyle Genomics</i> , 2022, 15, 55-66.	0.6	2
241	Protection against Osteoporosis by Fermented Mulberry Vinegar Supplementation via Inhibiting Osteoclastic Activity in Ovariectomized Rats and Osteoclastic Cells. <i>Fermentation</i> , 2022, 8, 211.	1.4	2
242	Interaction of polygenic variants specific for abdominal obesity risk with energy metabolism in large Korean cohorts. <i>Nutrition Bulletin</i> , 2022, 47, 307-321.	0.8	2
243	Sagunja-Tang Improves Lipid Related Disease in a Postmenopausal Rat Model and HepG2 Cells. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-13.	0.5	1
244	Regular exercise, alcohol consumption, and smoking interact with the polygenetic risk scores involved in insulin sensitivity and secretion for the risk of concurrent hyperglycemia, hypertension, and dyslipidemia. <i>Nutrition</i> , 2021, 91-92, 111422.	1.1	1
245	Coffee Intake Interacted with the Bcl-2 rs1944420, rs7236090, and rs2849382 Haplotype to Influence Breast Cancer Risk in Middle-Aged Women. <i>Nutrition and Cancer</i> , 2021, , 1-10.	0.9	1
246	Cheongkukjang. , 2018, , 145-164.		1
247	A mixture of blackberry leaf and fruit extracts decreases fat deposition in HepG2 cells, modifying the gut microbiome. <i>Journal of Applied Biological Chemistry</i> , 2019, 62, 229-237.	0.2	1
248	Anti-diabetic effects and action mechanism of Kochujang, a traditional fermented spicy paste, in type 2 diabetic animals. <i>FASEB Journal</i> , 2009, 23, 111.8.	0.2	1
249	The effects of weight loss by a low-calorie diet and a low-calorie plus exercise in overweight undergraduate students. <i>The Korean Journal of Nutrition</i> , 2012, 45, 315.	1.0	1
250	Studies on LED Wavelength to Enhance Growth and Bio-active Compounds of Carrots. <i>Journal of Applied Biological Chemistry</i> , 2015, 58, 131-137.	0.2	1
251	The development of baked kelp snack through examining its physicochemical properties. <i>Journal of Applied Biological Chemistry</i> , 2018, 61, 157-164.	0.2	1
252	Polygenetic Variants Related to Osteoarthritis Risk and Their Interactions with Energy, Protein, Fat, and Alcohol Intake in Adults in a Large Cohort. <i>Diagnostics</i> , 2022, 12, 340.	1.3	1

#	ARTICLE	IF	CITATIONS
253	Interaction of polygenetic variants related to inflammation with carbohydrate and vitamin D intakes in middle-aged and older adults in a large hospital-based cohort. <i>British Journal of Nutrition</i> , 2022, , 1-34.	1.2	1
254	Microbiome and Beyond: Non-Viable Food Microbes and Human Health. <i>Journal of Medicinal Food</i> , 2015, 18, 1289-1290.	0.8	0
255	Association between PLA2R1 rs4664308 and susceptibility to idiopathic membranous nephropathy. <i>Medicine (United States)</i> , 2020, 99, e22908.	0.4	0
256	Ketogenic diets increase hepatic insulin resistance by the attenuation of hypothalamic leptin signaling and hepatic insulin signaling in diabetic rats. <i>FASEB Journal</i> , 2009, 23, 541.5.	0.2	0
257	Glyceollins, one of the phytoalexins derived from soybeans under fungal stress, enhance insulin sensitivity and exert insulinotropic actions in vitro and in vivo. <i>FASEB Journal</i> , 2010, 24, 340.5.	0.2	0
258	A Comparative Study of Eating Habit and Food Intake of Korean Women with Gestational Diabetes According to Early Postpartum Glucose Level. <i>FASEB Journal</i> , 2011, 25, 991.7.	0.2	0
259	Yuzu (<i>Citrus junos</i> Tanaka) improves cognitive function and glucose homeostasis in β -amyloid infused rats. <i>FASEB Journal</i> , 2013, 27, 861.26.	0.2	0
260	Standardized chungkookjang, short-term fermented soybeans with <i>Bacillus lichemiformis</i> , improves cognitive function and insulin resistance in β -amyloid-infused diabetic rats. <i>FASEB Journal</i> , 2013, 27, 1079.14.	0.2	0
261	Physicochemical properties of mulberry extract and silk protein added yogurt fermented with lactic acid bacteria isolated from vinegar and kimchi. <i>Journal of Applied Biological Chemistry</i> , 2018, 61, 17-23.	0.2	0