

Sung Nim Han

List of Publications by Year in Descending Order

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

104
papers

2,454
citations

26
h-index

48
g-index

106
ext. papers

2,812
ext. citations

3.2
avg, IF

5.81
L-index

#	Paper	IF	Citations
104	Dietary supplementation with Korean pine nut oil decreases body fat accumulation and dysregulation of the appetite-suppressing pathway in the hypothalamus of high-fat diet-induced obese mice. <i>Nutrition Research and Practice</i> , 2022 , 16, 285	2.1	0
103	Effect of Korean pine nut oil on hepatic iron, copper, and zinc status and expression of genes and proteins related to iron absorption in diet-induced obese mice. <i>Journal of Nutrition and Health</i> , 2021 , 54, 435	0.8	0
102	Nutrient modulation of viral infection-implications for COVID-19.. <i>Nutrition Research and Practice</i> , 2021 , 15, S1-S21	2.1	
101	Endoplasmic reticulum stress increases LECT2 expression via ATF4. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 585, 169-176	3.4	1
100	Effects of vitamin D treatment on function of T cells and autophagy mechanisms in high-fat diet-induced obese mice. <i>Nutrition Research and Practice</i> , 2021 , 15, 673-685	2.1	1
99	The effects of dietary vitamin D supplementation and in vitro 1,25 dihydroxyvitamin D treatment on autophagy in bone marrow-derived dendritic cells from high-fat diet-induced obese mice. <i>Journal of Nutritional Biochemistry</i> , 2021 , 108880	6.3	0
98	Direct-to-Consumer Genetic Testing in Korea: Current Status and Significance in Clinical Nutrition. <i>Clinical Nutrition Research</i> , 2021 , 10, 279-291	1.7	2
97	Anti-Inflammatory and Anti-Diabetic Effect of Black Soybean Anthocyanins: Data from a Dual Cooperative Cellular System. <i>Molecules</i> , 2021 , 26,	4.8	3
96	The Impact of Genetic Information Disclosure Related to Body Mass Index on Diet Quality: A Randomized Controlled Trial. <i>Current Developments in Nutrition</i> , 2021 , 5, 848-848	0.4	78
95	Effects of Vitamin D Supplementation on CD4 T Cell Subsets and mTOR Signaling Pathway in High-Fat-Diet-Induced Obese Mice. <i>Nutrients</i> , 2021 , 13,	6.7	3
94	The Role of Vitamin D in Adipose Tissue Biology: Adipocyte Differentiation, Energy Metabolism, and Inflammation. <i>Journal of Lipid and Atherosclerosis</i> , 2021 , 10, 130-144	3	4
93	Effects of high fat diet-induced obesity on vitamin D metabolism and tissue distribution in vitamin D deficient or supplemented mice. <i>Nutrition and Metabolism</i> , 2020 , 17, 44	4.6	4
92	Effects of 1,25-dihydroxyvitamin D3 on the Inflammatory Responses of Stromal Vascular Cells and Adipocytes from Lean and Obese Mice. <i>Nutrients</i> , 2020 , 12,	6.7	5
91	Dietary Assessment of Korean Non-dialysis Chronic Kidney Disease Patients with or without Diabetes. <i>Journal of Korean Medical Science</i> , 2020 , 35, e181	4.7	1
90	Genetic Variations Associated with Energy Intake and Body Fat Composition in Healthy Korean Adults: A Genome-Wide Association Analysis. <i>Current Developments in Nutrition</i> , 2020 , 4, 1262-1262	0.4	78
89	The effects of 1,25-dihydroxyvitamin D on markers related to the differentiation and maturation of bone marrow-derived dendritic cells from control and obese mice. <i>Journal of Nutritional Biochemistry</i> , 2020 , 85, 108464	6.3	3
88	Nutrition and autoimmune diseases 2020 , 549-568		1

87	Foods contributing to nutrients intake and assessment of nutritional status in pre-dialysis patients: a cross-sectional study. <i>BMC Nephrology</i> , 2020 , 21, 301	2.7	2
86	Effects of Vitamin D Supplementation on 1, 25-dihydroxyvitamin D Metabolism and Its Impact on Adipose Tissue Inflammation in Obese Mice (P24-004-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	1
85	Tissue Distribution of Cholecalciferol and 25-hydroxycholecalciferol in Normal and Obese Mice Fed Different Levels of Vitamin D (P24-003-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	1
84	Effects of 1,25-dihydroxyvitamin D3 on Inflammatory Responses of Stromal Vascular Cells and Adipocytes from Control and Obese Mice (FS12-04-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
83	Vitamin D supplementation partially affects colonic changes in dextran sulfate sodium-induced colitis obese mice but not lean mice. <i>Nutrition Research</i> , 2019 , 67, 90-99	4	1
82	Anti-Arthritic Activities of Supercritical Carbon Dioxide Extract Derived from Radiation Mutant Var. in Collagen Antibody-Induced Arthritis. <i>Nutrients</i> , 2019 , 11,	6.7	2
81	Lipid Pathway in Liver Cells and Its Modulation by Dietary Extracts 2019 , 103-116		0
80	Vitamin E: Regulatory role on gene and protein expression and metabolomics profiles. <i>IUBMB Life</i> , 2019 , 71, 442-455	4.7	8
79	Dysregulated 1,25-dihydroxyvitamin D levels in high-fat diet-induced obesity can be restored by changing to a lower-fat diet in mice. <i>Nutrition Research</i> , 2018 , 53, 51-60	4	10
78	Differential effect of dietary vitamin D supplementation on natural killer cell activity in lean and obese mice. <i>Journal of Nutritional Biochemistry</i> , 2018 , 55, 178-184	6.3	18
77	Elevated Serum Vitamin B Levels as a Prognostic Factor for Survival Time in Metastatic Cancer Patients: A Retrospective Study. <i>Nutrition and Cancer</i> , 2018 , 70, 37-44	2.8	7
76	The Role of Vitamin E in Immunity. <i>Nutrients</i> , 2018 , 10,	6.7	170
75	Genome-wide hepatic DNA methylation changes in high-fat diet-induced obese mice. <i>Nutrition Research and Practice</i> , 2017 , 11, 105-113	2.1	12
74	Relation between Beverage Consumption Pattern and Metabolic Syndrome among Healthy Korean Adults. <i>Korean Journal of Community Nutrition</i> , 2017 , 22, 441	0.8	5
73	Prognostic Role of Serum Vitamin B12 in Solid Tumor Patients. <i>Korean Journal of Health Promotion</i> , 2017 , 17, 282	0.4	
72	Effects of mild calorie restriction on lipid metabolism and inflammation in liver and adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 490, 636-642	3.4	18
71	Hepatic iron storage is related to body adiposity and hepatic inflammation. <i>Nutrition and Metabolism</i> , 2017 , 14, 14	4.6	15
70	Black soybean anthocyanins attenuate inflammatory responses by suppressing reactive oxygen species production and mitogen activated protein kinases signaling in lipopolysaccharide-stimulated macrophages. <i>Nutrition Research and Practice</i> , 2017 , 11, 357-364	2.1	14

69	Comparison of the Anti-Inflammatory Activities of Supercritical Carbon Dioxide versus Ethanol Extracts from Leaves of <i>Perilla frutescens</i> Britt. Radiation Mutant. <i>Molecules</i> , 2017 , 22,	4.8	8
68	Isoegomaketone Alleviates the Development of Collagen Antibody-Induced Arthritis in Male Balb/c Mice. <i>Molecules</i> , 2017 , 22,	4.8	5
67	Low Plasma Carotene Concentrations Are Associated with an Increased Risk of Acute Coronary Syndrome in a Korean Population. <i>FASEB Journal</i> , 2017 , 31, 635.3	0.9	
66	Lower hepatic iron storage associated with obesity in mice can be restored by decreasing body fat mass through feeding a low-fat diet. <i>Nutrition Research</i> , 2016 , 36, 955-963	4	6
65	Lower hepatic iron storage associated with obesity in mice can be restored by decreasing body fat mass through feeding a low fat diet. <i>FASEB Journal</i> , 2016 , 30, 1173.3	0.9	1
64	Upregulated 1,25-dihydroxyvitamin D in high fat diet-induced obesity could be restored by feeding a low fat diet. <i>FASEB Journal</i> , 2016 , 30, 917.10	0.9	
63	Associations between Exposure to Unhealthy Food Outlets Within Residential District and Obesity: Using Data from 2013 Census on Establishments and 2013-2014 Korea National Health and Nutrition Examination Survey. <i>Korean Journal of Community Nutrition</i> , 2016 , 21, 463	0.8	2
62	Isoegomaketone Upregulates Heme Oxygenase-1 in RAW264.7 Cells via ROS/p38 MAPK/Nrf2 Pathway. <i>Biomolecules and Therapeutics</i> , 2016 , 24, 510-6	4.2	29
61	Korean Pine Nut Oil Attenuated Hepatic Triacylglycerol Accumulation in High-Fat Diet-Induced Obese Mice. <i>Nutrients</i> , 2016 , 8,	6.7	13
60	Korean pine nut oil replacement decreases intestinal lipid uptake while improves hepatic lipid metabolism in mice. <i>Nutrition Research and Practice</i> , 2016 , 10, 477-486	2.1	10
59	Pinolenic Acid Downregulates Lipid Anabolic Pathway in HepG2 Cells. <i>Lipids</i> , 2016 , 51, 847-55	1.6	10
58	Modest weight loss through a 12-week weight management program with behavioral modification seems to attenuate inflammatory responses in young obese Koreans. <i>Nutrition Research</i> , 2015 , 35, 301-8 ⁴		2
57	Ursolic acid isolated from guava leaves inhibits inflammatory mediators and reactive oxygen species in LPS-stimulated macrophages. <i>Immunopharmacology and Immunotoxicology</i> , 2015 , 37, 228-35	3.2	17
56	High fat diet-Induced obesity alters vitamin D metabolizing enzyme expression in mice. <i>BioFactors</i> , 2015 , 41, 175-82	6.1	34
55	Pinolenic Acid Downregulates Anabolic Pathway of Lipid Metabolism in HepG2 Cells. <i>FASEB Journal</i> , 2015 , 29, 598.15	0.9	
54	Phytic acid and myo-inositol support adipocyte differentiation and improve insulin sensitivity in 3T3-L1 cells. <i>Nutrition Research</i> , 2014 , 34, 723-31	4	36
53	Diet-Related Behaviors and Food Preference of Indonesian. <i>Korean Journal of Community Nutrition</i> , 2014 , 19, 41	0.8	
52	Effect of a 12-week weight management program on the clinical characteristics and dietary intake of the young obese and the contributing factors to the successful weight loss. <i>Nutrition Research and Practice</i> , 2014 , 8, 571-9	2.1	0

51	Psychological Characteristics of Obese Adult Participants in the Weight Management Program. <i>The Korean Journal of Obesity</i> , 2014 , 23, 281		4
50	Changes in signaling pathways through NOD2 in high fat diet-induced obesity is associated with inflammatory response in immune cells (1037.8). <i>FASEB Journal</i> , 2014 , 28, 1037.8	0.9	
49	Effects of high fat diet-induced obesity on expression of genes involved in vitamin D metabolism in mice (1041.11). <i>FASEB Journal</i> , 2014 , 28, 1041.11	0.9	
48	Effects of mild calorie restriction on hepatic lipid metabolism and inflammation in mice (1034.14). <i>FASEB Journal</i> , 2014 , 28, 1034.14	0.9	
47	In vivo regulation of gene transcription by alpha- and gamma-tocopherol in murine T lymphocytes. <i>Archives of Biochemistry and Biophysics</i> , 2013 , 538, 111-9	4.1	29
46	Diet-induced obesity has a differential effect on adipose tissue and macrophage inflammatory responses of young and old mice. <i>BioFactors</i> , 2013 , 39, 326-33	6.1	13
45	Impact of Korean pine nut oil on weight gain and immune responses in high-fat diet-induced obese mice. <i>Nutrition Research and Practice</i> , 2013 , 7, 352-8	2.1	20
44	Salt content of school meals and comparison of perception related to sodium intake in elementary, middle, and high schools. <i>Nutrition Research and Practice</i> , 2013 , 7, 59-65	2.1	11
43	Korean pine nut oil decreases the amount of white adipose tissue by affecting lipid metabolism in C57BL/6 mice. <i>FASEB Journal</i> , 2013 , 27, 857.1	0.9	
42	In vivo regulation of gene transcription by alpha and gamma-tocopherol in murine T lymphocytes. <i>FASEB Journal</i> , 2013 , 27, 640.6	0.9	
41	Korean pine nut oil attenuated hepatic TG accumulation in high-fat diet-induced obese mice. <i>FASEB Journal</i> , 2013 , 27, 1067.2	0.9	
40	Diet enriched with korean pine nut oil improves mitochondrial oxidative metabolism in skeletal muscle and brown adipose tissue in diet-induced obesity. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11935-41	5.7	30
39	Black soybean anthocyanins inhibit adipocyte differentiation in 3T3-L1 cells. <i>Nutrition Research</i> , 2012 , 32, 770-7	4	70
38	Diet-related Behaviors, Perception and Food Preferences of Multicultural Families with Vietnamese Wives. <i>Korean Journal of Community Nutrition</i> , 2012 , 17, 589	0.8	13
37	Body image distortion in fifth and sixth grade students may lead to stress, depression, and undesirable dieting behavior. <i>Nutrition Research and Practice</i> , 2012 , 6, 175-81	2.1	24
36	Novel soybean oils differing in fatty acid composition alter immune functions of moderately hypercholesterolemic older adults. <i>Journal of Nutrition</i> , 2012 , 142, 2182-7	4.1	17
35	Weight loss through a 12-week weight management program improves anthropometric and clinical characteristics. <i>FASEB Journal</i> , 2012 , 26, 819.14	0.9	
34	Impact of Korean pine nut oil on weight gain and immune responses in high-fat diet-induced obese mice. <i>FASEB Journal</i> , 2012 , 26, 818.7	0.9	

33	Obesity with a body mass index under 30 does not significantly impair the immune response in young adults. <i>Nutrition Research</i> , 2011 , 31, 362-9	4	16
32	Diet-induced obesity leads to decreased hepatic iron storage in mice. <i>Nutrition Research</i> , 2011 , 31, 915-24		41
31	Lifestyle, dietary habits and consumption pattern of male university students according to the frequency of commercial beverage consumptions. <i>Nutrition Research and Practice</i> , 2011 , 5, 124-31	2.1	9
30	Evaluation of a Nutrition Education Program for 3rd Grade Elementary School Students. <i>Korean Journal of Community Nutrition</i> , 2011 , 16, 183	0.8	7
29	Association between adherence to the Korean Food Guidance System and the risk of metabolic abnormalities in Koreans. <i>Nutrition Research and Practice</i> , 2011 , 5, 560-8	2.1	20
28	Comparison of the dietary intake and clinical characteristics of obese and normal weight adults. <i>Nutrition Research and Practice</i> , 2011 , 5, 329-36	2.1	15
27	High fat diet-induced obesity leads to proinflammatory response associated with higher expression of NOD2 protein. <i>Nutrition Research and Practice</i> , 2011 , 5, 219-23	2.1	21
26	Comparison of dietary intake and clinical characteristics of obese with normal weight subjects. <i>FASEB Journal</i> , 2011 , 25, 991.9	0.9	
25	High fat diet-induced obesity leads to proinflammatory response associated with higher expression of NOD2 protein. <i>FASEB Journal</i> , 2011 , 25, 995.11	0.9	
24	Differential effects of natural and synthetic vitamin E on gene transcription in murine T lymphocytes. <i>Archives of Biochemistry and Biophysics</i> , 2010 , 495, 49-55	4.1	35
23	Diet-induced obesity leads to decreased hepatic iron storage associated with inflammation. <i>FASEB Journal</i> , 2010 , 24, 341.4	0.9	1
22	Effects of 20% fat and 1% cholesterol diet-induced obesity on gene expression profiles of T cells. <i>FASEB Journal</i> , 2010 , 24, 723.16	0.9	
21	Inflammation status in adipose tissue and peritoneal macrophages of young and old mice in diet-induced obesity. <i>FASEB Journal</i> , 2009 , 23, 909.3	0.9	
20	Effect of short term supplementation with Lactobacillus acidophilus LAFTI [®] L10 on resistance to influenza infection in young and old mice.. <i>FASEB Journal</i> , 2008 , 22, 450.4	0.9	
19	Age and vitamin E-induced changes in gene expression profiles of T cells. <i>Journal of Immunology</i> , 2006 , 177, 6052-61	5.3	57
18	Effect of concomitant consumption of fish oil and vitamin E on T cell mediated function in the elderly: a randomized double-blind trial. <i>Journal of the American College of Nutrition</i> , 2006 , 25, 300-6	3.5	27
17	Impact of vitamin E on immune function and its clinical implications. <i>Expert Review of Clinical Immunology</i> , 2006 , 2, 561-7	5.1	16
16	Vitamin E and immune response in the aged: molecular mechanisms and clinical implications. <i>Immunological Reviews</i> , 2005 , 205, 269-84	11.3	155

15	Vitamin E and gene expression in immune cells. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1031, 96-101	6.5	32
14	Vitamin E and respiratory infection in the elderly. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1031, 214-22	6.5	27
13	The effect of vitamin E on secondary bacterial infection after influenza infection in young and old mice. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1031, 418-21	6.5	18
12	Effect of concomitant consumption of fish oil and vitamin E on production of inflammatory cytokines in healthy elderly humans. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1031, 422-4	6.5	27
11	Vitamin E supplementation does not alter azoxymethane-induced colonic aberrant crypt foci formation in young or old mice. <i>Journal of Nutrition</i> , 2003 , 133, 528-32	4.1	20
10	Effect of a therapeutic lifestyle change diet on immune functions of moderately hypercholesterolemic humans. <i>Journal of Lipid Research</i> , 2003 , 44, 2304-10	6.3	18
9	Effect of hydrogenated and saturated, relative to polyunsaturated, fat on immune and inflammatory responses of adults with moderate hypercholesterolemia. <i>Journal of Lipid Research</i> , 2002 , 43, 445-452	6.3	187
8	Effect of hydrogenated and saturated, relative to polyunsaturated, fat on immune and inflammatory responses of adults with moderate hypercholesterolemia. <i>Journal of Lipid Research</i> , 2002 , 43, 445-52	6.3	161
7	Urinary 8-hydroxy-2'-deoxyguanosine (8-OHdG) as a marker of oxidative stress in rheumatoid arthritis and aging: effect of progressive resistance training. <i>Journal of Nutritional Biochemistry</i> , 2000 , 11, 581-584	6.3	65
6	Antioxidants, cytokines, and influenza infection in aged mice and elderly humans. <i>Journal of Infectious Diseases</i> , 2000 , 182 Suppl 1, S74-80	7	74
5	Dietary conjugated linoleic acid influences the immune response of young and old C57BL/6NCrLBR mice. <i>Journal of Nutrition</i> , 1999 , 129, 32-8	4.1	155
4	Vitamin E and infectious diseases in the aged. <i>Proceedings of the Nutrition Society</i> , 1999 , 58, 697-705	2.9	28
3	Age-associated increase in PGE ₂ synthesis and COX activity in murine macrophages is reversed by vitamin E. <i>American Journal of Physiology - Cell Physiology</i> , 1998 , 275, C661-8	5.4	126
2	Dietary supplementation with mushroom-derived protein-bound glucan does not enhance immune function in young and old mice. <i>Journal of Nutrition</i> , 1998 , 128, 193-7	4.1	19
1	Macrophage prostaglandin production contributes to the age-associated decrease in T cell function which is reversed by the dietary antioxidant vitamin E. <i>Mechanisms of Ageing and Development</i> , 1997 , 93, 59-77	5.6	127