

Sung Nim Han

List of Publications by Year in descending order

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106
papers

2,844
citations

218592

26
h-index

182361

51
g-index

106
all docs

106
docs citations

106
times ranked

3659
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Vitamin E in Immunity. <i>Nutrients</i> , 2018, 10, 1614.	1.7	328
2	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.	2.0	226
3	Vitamin E and immune response in the aged: molecular mechanisms and clinical implications. <i>Immunological Reviews</i> , 2005, 205, 269-284.	2.8	184
4	Dietary Conjugated Linoleic Acid Influences the Immune Response of Young and Old C57BL/6NCrIBR Mice.. <i>Journal of Nutrition</i> , 1999, 129, 32-38.	1.3	180
5	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.	2.0	174
6	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-C668.	2.1	146
7	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.	2.2	141
8	Antioxidants, Cytokines, and Influenza Infection in Aged Mice and Elderly Humans. <i>Journal of Infectious Diseases</i> , 2000, 182, S74-S80.	1.9	86
9	Black soybean anthocyanins inhibit adipocyte differentiation in 3T3-L1 cells. <i>Nutrition Research</i> , 2012, 32, 770-777.	1.3	77
10	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.	1.9	72
11	Age and Vitamin E-Induced Changes in Gene Expression Profiles of T Cells. <i>Journal of Immunology</i> , 2006, 177, 6052-6061.	0.4	63
12	Phytic acid and myo-inositol support adipocyte differentiation and improve insulin sensitivity in 3T3-L1 cells. <i>Nutrition Research</i> , 2014, 34, 723-731.	1.3	53
13	Diet-induced obesity leads to decreased hepatic iron storage in mice. <i>Nutrition Research</i> , 2011, 31, 915-921.	1.3	45
14	High fat diet-induced obesity alters vitamin D metabolizing enzyme expression in mice. <i>BioFactors</i> , 2015, 41, 175-182.	2.6	43
15	Isoeugenone Upregulates Heme Oxygenase-1 in RAW264.7 Cells via ROS/p38 MAPK/Nrf2 Pathway. <i>Biomolecules and Therapeutics</i> , 2016, 24, 510-516.	1.1	39
16	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.	1.4	38
17	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, 11935-11941.	2.4	35
18	Vitamin E and infectious diseases in the aged. <i>Proceedings of the Nutrition Society</i> , 1999, 58, 697-705.	0.4	34

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19	Vitamin E and Gene Expression in Immune Cells. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 96-101.	1.8	33
20	In vivo regulation of gene transcription by alpha- and gamma-tocopherol in murine T lymphocytes. <i>Archives of Biochemistry and Biophysics</i> , 2013, 538, 111-119.	1.4	31
21	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, 422-424.	1.8	30
22	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, 300-306.	1.1	30
23	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.	0.7	30
24	Vitamin E and Respiratory Infection in the Elderly. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 214-222.	1.8	29
25	Ursolic acid isolated from guava leaves inhibits inflammatory mediators and reactive oxygen species in LPS-stimulated macrophages. <i>Immunopharmacology and Immunotoxicology</i> , 2015, 37, 228-235.	1.1	29
26	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.	1.0	27
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.	0.7	26
28	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.	1.9	25
29	Impact of vitamin E on immune function and its clinical implications. <i>Expert Review of Clinical Immunology</i> , 2006, 2, 561-567.	1.3	24
30	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.	0.7	24
31	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, 193-197.	1.3	22
32	Effect of a therapeutic lifestyle change diet on immune functions of moderately hypercholesterolemic humans. <i>Journal of Lipid Research</i> , 2003, 44, 2304-2310.	2.0	22
33	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.	0.7	22
34	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, 528-532.	1.3	21
35	Novel Soybean Oils Differing in Fatty Acid Composition Alter Immune Functions of Moderately Hypercholesterolemic Older Adults. <i>Journal of Nutrition</i> , 2012, 142, 2182-2187.	1.3	21
36	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.	1.1	21

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37	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.	1.3	20
38	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, 418-421.	1.8	19
39	Comparison of the dietary intake and clinical characteristics of obese and normal weight adults. <i>Nutrition Research and Practice</i> , 2011, 5, 329.	0.7	19
40	Hepatic iron storage is related to body adiposity and hepatic inflammation. <i>Nutrition and Metabolism</i> , 2017, 14, 14.	1.3	19
41	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.	0.7	19
42	Obesity with a body mass index under 30 does not significantly impair the immune response in young adults. <i>Nutrition Research</i> , 2011, 31, 362-369.	1.3	18
43	Pinolenic Acid Downregulates Lipid Anabolic Pathway in HepG2 Cells. <i>Lipids</i> , 2016, 51, 847-855.	0.7	17
44	Vitamin E: Regulatory role on gene and protein expression and metabolomics profiles. <i>IUBMB Life</i> , 2019, 71, 442-455.	1.5	17
45	Korean Pine Nut Oil Attenuated Hepatic Triacylglycerol Accumulation in High-Fat Diet-Induced Obese Mice. <i>Nutrients</i> , 2016, 8, 59.	1.7	16
46	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.	0.7	16
47	Genome-wide hepatic DNA methylation changes in high-fat diet-induced obese mice. <i>Nutrition Research and Practice</i> , 2017, 11, 105.	0.7	16
48	Diet-induced obesity has a differential effect on adipose tissue and macrophage inflammatory responses of young and old mice. <i>BioFactors</i> , 2013, 39, 326-333.	2.6	15
49	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.	0.7	15
50	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, 364.	1.7	15
51	Diet-related Behaviors, Perception and Food Preferences of Multicultural Families with Vietnamese Wives. <i>Korean Journal of Community Nutrition</i> , 2012, 17, 589.	0.1	14
52	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.	1.3	13
53	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.	0.7	12
54	Comparison of the Anti-Inflammatory Activities of Supercritical Carbon Dioxide versus Ethanol Extracts from Leaves of <i>Perilla frutescens</i> Britt. <i>Radiation Mutant</i> . <i>Molecules</i> , 2017, 22, 311.	1.7	10

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55	Isoegomaketone Alleviates the Development of Collagen Antibody-Induced Arthritis in Male Balb/c Mice. <i>Molecules</i> , 2017, 22, 1209.	1.7	10
56	Elevated Serum Vitamin B ₁₂ Levels as a Prognostic Factor for Survival Time in Metastatic Cancer Patients: A Retrospective Study. <i>Nutrition and Cancer</i> , 2018, 70, 37-44.	0.9	10
57	Anti-Inflammatory and Anti-Diabetic Effect of Black Soybean Anthocyanins: Data from a Dual Cooperative Cellular System. <i>Molecules</i> , 2021, 26, 3363.	1.7	10
58	Evaluation of a Nutrition Education Program for 3rd Grade Elementary School Students. <i>Korean Journal of Community Nutrition</i> , 2011, 16, 183.	0.1	8
59	Anti-Arthritic Activities of Supercritical Carbon Dioxide Extract Derived from Radiation Mutant <i>Perilla Frutescens</i> Var. <i>Crispa</i> in Collagen Antibody-Induced Arthritis. <i>Nutrients</i> , 2019, 11, 2959.	1.7	8
60	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.	1.3	7
61	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, 796.	1.7	7
62	The effects of 1,25(OH) ₂ D ₃ treatment on immune responses and intracellular metabolic pathways of bone marrow-derived dendritic cells from lean and obese mice. <i>IUBMB Life</i> , 2021, , .	1.5	7
63	Relation between Beverage Consumption Pattern and Metabolic Syndrome among Healthy Korean Adults. <i>Korean Journal of Community Nutrition</i> , 2017, 22, 441.	0.1	6
64	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.	1.3	5
65	The effects of 1,25-dihydroxyvitamin D ₃ 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.	1.9	5
66	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.	0.8	5
67	Psychological Characteristics of Obese Adult Participants in the Weight Management Program. <i>The Korean Journal of Obesity</i> , 2014, 23, 281.	0.2	4
68	Direct-to-Consumer Genetic Testing in Korea: Current Status and Significance in Clinical Nutrition. <i>Clinical Nutrition Research</i> , 2021, 10, 279.	0.5	4
69	Endoplasmic reticulum stress increases LECT2 expression via ATF4. <i>Biochemical and Biophysical Research Communications</i> , 2021, 585, 169-176.	1.0	4
70	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.	0.1	3
71	Nutrition and autoimmune diseases. , 2020, , 549-568.		3
72	The effects of dietary vitamin D supplementation and in vitro 1,25 dihydroxyvitamin D ₃ treatment on autophagy in bone marrow-derived dendritic cells from high-fat diet-induced obese mice. <i>Journal of Nutritional Biochemistry</i> , 2022, 100, 108880.	1.9	3

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73	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, 301-308.	1.3	2
74	Lipid Pathway in Liver Cells and Its Modulation by Dietary Extracts. , 2019, , 103-116.		2
75	Effects of in vitro 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.	0.7	2
76	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.	0.7	1
77	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, nzz044.P24-004-19.	0.1	1
78	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, nzz044.P24-003-19.	0.1	1
79	Dietary Assessment of Korean Non-dialysis Chronic Kidney Disease Patients with or without Diabetes. <i>Journal of Korean Medical Science</i> , 2020, 35, e181.	1.1	1
80	Diet-induced obesity leads to decreased hepatic iron storage associated with inflammation. <i>FASEB Journal</i> , 2010, 24, 341.4.	0.2	1
81	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.	0.2	1
82	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.	0.2	1
83	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.	0.7	1
84	Diet-Related Behaviors and Food Preference of Indonesian. <i>Korean Journal of Community Nutrition</i> , 2014, 19, 41.	0.1	0
85	Prognostic Role of Serum Vitamin B ₁₂ in Solid Tumor Patients. <i>Korean Journal of Health Promotion</i> , 2017, 17, 282.	0.1	0
86	Effects of 1,25-dihydroxyvitamin D ₃ 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, nzz049.FS12-04-19.	0.1	0
87	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, nzaa058_020.	0.1	0
88	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.	0.1	0
89	Effect of short term supplementation with <i>Lactobacillus acidophilus</i> LAFTI [®] L10 on resistance to influenza infection in young and old mice.. <i>FASEB Journal</i> , 2008, 22, 450.4.	0.2	0
90	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.	0.2	0

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91	Effects of 20% fat and 1% cholesterol diet-induced obesity on gene expression profiles of T cells. FASEB Journal, 2010, 24, 723.16.	0.2	0
92	Comparison of dietary intake and clinical characteristics of obese with normal weight subjects. FASEB Journal, 2011, 25, 991.9.	0.2	0
93	High fat diet-induced obesity leads to proinflammatory response associated with higher expression of NOD2 protein. FASEB Journal, 2011, 25, 995.11.	0.2	0
94	Weight loss through a 12-week weight management program improves anthropometric and clinical characteristics. FASEB Journal, 2012, 26, 819.14.	0.2	0
95	Impact of Korean pine nut oil on weight gain and immune responses in high-fat diet-induced obese mice. FASEB Journal, 2012, 26, 818.7.	0.2	0
96	Inhibition of satiety neuropeptides is related to low expression of pERK and Egr1 in diet-induced obesity. FASEB Journal, 2013, 27, .	0.2	0
97	Korean pine nut oil decreases the amount of white adipose tissue by affecting lipid metabolism in C57BL/6 mice. FASEB Journal, 2013, 27, 857.1.	0.2	0
98	In vivo regulation of gene transcription by alpha and gamma-tocopherol in murine T lymphocytes. FASEB Journal, 2013, 27, 640.6.	0.2	0
99	Korean pine nut oil attenuated hepatic TG accumulation in high-fat diet-induced obese mice. FASEB Journal, 2013, 27, 1067.2.	0.2	0
100	Effects of mild calorie restriction on hepatic lipid metabolism and inflammation in mice (1034.14). FASEB Journal, 2014, 28, 1034.14.	0.2	0
101	Changes in signaling pathways through NOD2 in high fat diet-induced obesity is associated with inflammatory response in immune cells (1037.8). FASEB Journal, 2014, 28, 1037.8.	0.2	0
102	Effects of high fat diet-induced obesity on expression of genes involved in vitamin D metabolism in mice (1041.11). FASEB Journal, 2014, 28, 1041.11.	0.2	0
103	Pinolenic Acid Downregulates Anabolic Pathway of Lipid Metabolism in HepG2 Cells. FASEB Journal, 2015, 29, 598.15.	0.2	0
104	Upregulated 1,25-dihydroxyvitamin D in high fat diet-induced obesity could be restored by feeding a low fat diet. FASEB Journal, 2016, 30, 917.10.	0.2	0
105	Low Plasma Carotene Concentrations Are Associated with an Increased Risk of Acute Coronary Syndrome in a Korean Population. FASEB Journal, 2017, 31, 635.3.	0.2	0
106	Nutrient modulation of viral infection-implications for COVID-19. Nutrition Research and Practice, 2021, 15, S1.	0.7	0