# Sung Nim Han

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7490657/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 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 effects of dietary vitamin D supplementation and in vitro 1,25 dihydroxyvitamin D3 treatment on autophagy in bone marrow-derived dendritic cells from high-fat diet-induced obese mice. Journal of Nutritional Biochemistry, 2022, 100, 108880. | 1.9 | 3 |
| 2 | 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. Nutrition Research and Practice, 2022, 16, 285. | 0.7 | 1 |
| 3 | Effects of Vitamin D Supplementation on CD4+ T Cell Subsets and mTOR Signaling Pathway in High-Fat-Diet-Induced Obese Mice. Nutrients, 2021, 13, 796. | 1.7 | 7 |
| 4 | Anti-Inflammatory and Anti-Diabetic Effect of Black Soybean Anthocyanins: Data from a Dual Cooperative Cellular System. Molecules, 2021, 26, 3363. | 1.7 | 10 |
| 5 | The Impact of Genetic Information Disclosure Related to Body Mass Index on Diet Quality: A Randomized Controlled Trial. Current Developments in Nutrition, 2021, 5, 848. | 0.1 | 0 |
| 6 | The Role of Vitamin D in Adipose Tissue Biology: Adipocyte Differentiation, Energy Metabolism, and Inflammation. Journal of Lipid and Atherosclerosis, 2021, 10, 130. | 1.1 | 21 |
| 7 | Direct-to-Consumer Genetic Testing in Korea: Current Status and Significance in Clinical Nutrition. Clinical Nutrition Research, 2021, 10, 279. | 0.5 | 4 |
| 8 | 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. Journal of Nutrition and Health, 2021, 54, 435. | 0.2 | 1 |
| 9 | Nutrient modulation of viral infection-implications for COVID-19. Nutrition Research and Practice, 2021, 15, S1. | 0.7 | 0 |
| 10 | Endoplasmic reticulum stress increases LECT2 expression via ATF4. Biochemical and Biophysical Research Communications, 2021, 585, 169-176. | 1.0 | 4 |
| 11 | Effects of in vitro vitamin D treatment on function of T cells and autophagy mechanisms in high-fat diet-induced obese mice. Nutrition Research and Practice, 2021, 15, 673. | 0.7 | 2 |
| 12 | The effects of 1,25( OH ) 2 D 3 treatment on immune responses and intracellular metabolic pathways of bone marrowâ€derived dendritic cells from lean and obese mice. IUBMB Life, 2021, , . | 1.5 | 7 |
| 13 | Genetic Variations Associated with Energy Intake and Body Fat Composition in Healthy Korean Adults: A Genome-Wide Association Analysis. Current Developments in Nutrition, 2020, 4, nzaa058_020. | 0.1 | 0 |
| 14 | The effects of 1,25-dihydroxyvitamin D3 on markers related to the differentiation and maturation of bone marrow-derived dendritic cells from control and obese mice. Journal of Nutritional Biochemistry, 2020, 85, 108464. | 1.9 | 5 |
| 15 | Nutrition and autoimmune diseases. , 2020, , 549-568. | | 3 |
| 16 | Foods contributing to nutrients intake and assessment of nutritional status in pre-dialysis patients: a cross-sectional study. BMC Nephrology, 2020, 21, 301. | 0.8 | 5 |
| 17 | Effects of high fat diet-induced obesity on vitamin D metabolism and tissue distribution in vitamin D deficient or supplemented mice. Nutrition and Metabolism, 2020, 17, 44. | 1.3 | 20 |
| 18 | Effects of 1,25-Dihydroxyvitamin D3 on the Inflammatory Responses of Stromal Vascular Cells and Adipocytes from Lean and Obese Mice. Nutrients, 2020, 12, 364. | 1.7 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Dietary Assessment of Korean Non-dialysis Chronic Kidney Disease Patients with or without Diabetes. Journal of Korean Medical Science, 2020, 35, e181. | 1.1 | 1 |
| 20 | Effects of Vitamin D Supplementation on 1, 25-dihydroxyvitamin D Metabolism and Its Impact on Adipose Tissue Inflammation in Obese Mice (P24-004-19). Current Developments in Nutrition, 2019, 3, nzz044.P24-004-19. | 0.1 | 1 |
| 21 | Tissue Distribution of Cholecalciferol and 25-hydroxycholecalciferol in Normal and Obese Mice Fed Different Levels of Vitamin D (P24-003-19). Current Developments in Nutrition, 2019, 3, nzz044.P24-003-19. | 0.1 | 1 |
| 22 | Effects of 1,25-dihydroxyvitamin D3 on Inflammatory Responses of Stromal Vascular Cells and Adipocytes from Control and Obese Mice (FS12-04-19). Current Developments in Nutrition, 2019, 3, nzz049.FS12-04-19. | 0.1 | 0 |
| 23 | Vitamin D supplementation partially affects colonic changes in dextran sulfate sodiumâ€"induced colitis obese mice but not lean mice. Nutrition Research, 2019, 67, 90-99. | 1.3 | 5 |
| 24 | Anti-Arthritic Activities of Supercritical Carbon Dioxide Extract Derived from Radiation Mutant Perilla Frutescens Var. Crispa in Collagen Antibody-Induced Arthritis. Nutrients, 2019, 11, 2959. | 1.7 | 8 |
| 25 | Lipid Pathway in Liver Cells and Its Modulation by Dietary Extracts. , 2019, , 103-116. | | 2 |
| 26 | Vitamin E: Regulatory role on gene and protein expression and metabolomics profiles. IUBMB Life, 2019, 71, 442-455. | 1.5 | 17 |
| 27 | Dysregulated 1,25-dihydroxyvitamin D levels in high-fat dietâ€"induced obesity can be restored by changing to a lower-fat diet in mice. Nutrition Research, 2018, 53, 51-60. | 1.3 | 13 |
| 28 | Differential effect of dietary vitamin D supplementation on natural killer cell activity in lean and obese mice. Journal of Nutritional Biochemistry, 2018, 55, 178-184. | 1.9 | 25 |
| 29 | Elevated Serum Vitamin B<sub>12</sub> Levels as a Prognostic Factor for Survival Time in Metastatic Cancer Patients: A Retrospective Study. Nutrition and Cancer, 2018, 70, 37-44. | 0.9 | 10 |
| 30 | The Role of Vitamin E in Immunity. Nutrients, 2018, 10, 1614. | 1.7 | 328 |
| 31 | Effects of mild calorie restriction on lipid metabolism and inflammation in liver and adipose tissue. Biochemical and Biophysical Research Communications, 2017, 490, 636-642. | 1.0 | 27 |
| 32 | Hepatic iron storage is related to body adiposity and hepatic inflammation. Nutrition and Metabolism, 2017, 14, 14. | 1.3 | 19 |
| 33 | Black soybean anthocyanins attenuate inflammatory responses by suppressing reactive oxygen species production and mitogen activated protein kinases signaling in lipopolysaccharide-stimulated macrophages. Nutrition Research and Practice, 2017, 11, 357. | 0.7 | 19 |
| 34 | Comparison of the Anti-Inflammatory Activities of Supercritical Carbon Dioxide versus Ethanol Extracts from Leaves of Perilla frutescens Britt. Radiation Mutant. Molecules, 2017, 22, 311. | 1.7 | 10 |
| 35 | Isoegomaketone Alleviates the Development of Collagen Antibody-Induced Arthritis in Male Balb/c Mice. Molecules, 2017, 22, 1209. | 1.7 | 10 |
| 36 | Genome-wide hepatic DNA methylation changes in high-fat diet-induced obese mice. Nutrition Research and Practice, 2017, 11, 105. | 0.7 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Relation between Beverage Consumption Pattern and Metabolic Syndrome among Healthy Korean Adults. Korean Journal of Community Nutrition, 2017, 22, 441. | 0.1 | 6 |
| 38 | Prognostic Role of Serum Vitamin B<sub>12</sub>in Solid Tumor Patients. Korean Journal of Health Promotion, 2017, 17, 282. | 0.1 | 0 |
| 39 | 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 |
| 40 | 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. Korean Journal of Community Nutrition, 2016, 21, 463. | 0.1 | 3 |
| 41 | Isoegomaketone Upregulates Heme Oxygenase-1 in RAW264.7 Cells via ROS/p38 MAPK/Nrf2 Pathway. Biomolecules and Therapeutics, 2016, 24, 510-516. | 1.1 | 39 |
| 42 | Korean Pine Nut Oil Attenuated Hepatic Triacylglycerol Accumulation in High-Fat Diet-Induced Obese Mice. Nutrients, 2016, 8, 59. | 1.7 | 16 |
| 43 | Korean pine nut oil replacement decreases intestinal lipid uptake while improves hepatic lipid metabolism in mice. Nutrition Research and Practice, 2016, 10, 477. | 0.7 | 16 |
| 44 | Pinolenic Acid Downregulates Lipid Anabolic Pathway in HepG2 Cells. Lipids, 2016, 51, 847-855. | 0.7 | 17 |
| 45 | Lower hepatic iron storage associated with obesity in mice can be restored by decreasing body fat mass through feeding a low-fat diet. Nutrition Research, 2016, 36, 955-963. | 1.3 | 7 |
| 46 | Lower hepatic iron storage associated with obesity in mice can be restored by decreasing body fat mass through feeding a low fat diet. FASEB Journal, 2016, 30, 1173.3. | 0.2 | 1 |
| 47 | Upregulated 1,25â€dihydorxyvitamin D in high fat dietâ€induced obesity could be restored by feeding a low fat diet. FASEB Journal, 2016, 30, 917.10. | 0.2 | 0 |
| 48 | High fat dietâ€induced obesity alters vitamin <scp>D</scp> metabolizing enzyme expression in mice. BioFactors, 2015, 41, 175-182. | 2.6 | 43 |
| 49 | Modest weight loss through a 12-week weight management program with behavioral modification seems to attenuate inflammatory responses in young obese Koreans. Nutrition Research, 2015, 35, 301-308. | 1.3 | 2 |
| 50 | Ursolic acid isolated from guava leaves inhibits inflammatory mediators and reactive oxygen species in LPS-stimulated macrophages. Immunopharmacology and Immunotoxicology, 2015, 37, 228-235. | 1.1 | 29 |
| 51 | Pinolenic Acid Downregulates Anabolic Pathway of Lipid Metabolism in HepG2 Cells. FASEB Journal, 2015, 29, 598.15. | 0.2 | 0 |
| 52 | Diet-Related Behaviors and Food Preference of Indonesian. Korean Journal of Community Nutrition, 2014, 19, 41. | 0.1 | 0 |
| 53 | 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. Nutrition Research and Practice, 2014, 8, 571. | 0.7 | 1 |
| 54 | Phytic acid and myo-inositol support adipocyte differentiation and improve insulin sensitivity in 3T3-L1 cells. Nutrition Research, 2014, 34, 723-731. | 1.3 | 53 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Psychological Characteristics of Obese Adult Participants in the Weight Management Program. The Korean Journal of Obesity, 2014, 23, 281. | 0.2 | 4 |
| 56 | Effects of mild calorie restriction on hepatic lipid metabolism and inflammation in mice (1034.14). FASEB Journal, 2014, 28, 1034.14. | 0.2 | 0 |
| 57 | Changes in signaling pathways through NOD2 in high fat dietâ€induced obesity is associated with inflammatory response in immune cells (1037.8). FASEB Journal, 2014, 28, 1037.8. | 0.2 | 0 |
| 58 | Effects of high fat dietâ€induced obesity on expression of genes involved in vitamin D metabolism in mice (1041.11). FASEB Journal, 2014, 28, 1041.11. | 0.2 | 0 |
| 59 | In vivo regulation of gene transcription by alpha- and gamma-tocopherol in murine T lymphocytes. Archives of Biochemistry and Biophysics, 2013, 538, 111-119. | 1.4 | 31 |
| 60 | Dietâ€induced obesity has a differential effect on adipose tissue and macrophage inflammatory responses of young and old mice. BioFactors, 2013, 39, 326-333. | 2.6 | 15 |
| 61 | Impact of Korean pine nut oil on weight gain and immune responses in high-fat diet-induced obese mice. Nutrition Research and Practice, 2013, 7, 352. | 0.7 | 24 |
| 62 | Salt content of school meals and comparison of perception related to sodium intake in elementary, middle, and high schools. Nutrition Research and Practice, 2013, 7, 59. | 0.7 | 15 |
| 63 | Inhibition of satiety neuropeptides is related to low expression of pERK and Egr1 in dietâ€induced obesity. FASEB Journal, 2013, 27, . | 0.2 | 0 |
| 64 | 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 |
| 65 | In vivo regulation of gene transcription by alpha and gammaâ€tocopherol in murine T lymphocytes. FASEB Journal, 2013, 27, 640.6. | 0.2 | 0 |
| 66 | Korean pine nut oil attenuated hepatic TG accumulation in highâ€fat dietâ€induced obese mice. FASEB Journal, 2013, 27, 1067.2. | 0.2 | 0 |
| 67 | Novel Soybean Oils Differing in Fatty Acid Composition Alter Immune Functions of Moderately Hypercholesterolemic Older Adults3. Journal of Nutrition, 2012, 142, 2182-2187. | 1.3 | 21 |
| 68 | Diet Enriched with Korean Pine Nut Oil Improves Mitochondrial Oxidative Metabolism in Skeletal Muscle and Brown Adipose Tissue in Diet-Induced Obesity. Journal of Agricultural and Food Chemistry, 2012, 60, 11935-11941. | 2.4 | 35 |
| 69 | Black soybean anthocyanins inhibit adipocyte differentiation in 3T3-L1 cells. Nutrition Research, 2012, 32, 770-777. | 1.3 | 77 |
| 70 | Diet-related Behaviors, Perception and Food Preferences of Multicultural Families with Vietnamese Wives. Korean Journal of Community Nutrition, 2012, 17, 589. | 0.1 | 14 |
| 71 | Body image distortion in fifth and sixth grade students may lead to stress, depression, and undesirable dieting behavior. Nutrition Research and Practice, 2012, 6, 175. | 0.7 | 30 |
| 72 | Weight loss through a 12â€week weight management program improves anthropometric and clinical characteristics. FASEB Journal, 2012, 26, 819.14. | 0.2 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Impact of Korean pine nut oil on weight gain and immune responses in highâ€fat dietâ€induced obese mice. FASEB Journal, 2012, 26, 818.7. | 0.2 | 0 |
| 74 | Obesity with a body mass index under 30 does not significantly impair the immune response in young adults. Nutrition Research, 2011, 31, 362-369. | 1.3 | 18 |
| 75 | Diet-induced obesity leads to decreased hepatic iron storage in mice. Nutrition Research, 2011, 31, 915-921. | 1.3 | 45 |
| 76 | Lifestyle, dietary habits and consumption pattern of male university students according to the frequency of commercial beverage consumptions. Nutrition Research and Practice, 2011, 5, 124. | 0.7 | 12 |
| 77 | Evaluation of a Nutrition Education Program for 3rd Grade Elementary School Students. Korean Journal of Community Nutrition, 2011, 16, 183. | 0.1 | 8 |
| 78 | Association between adherence to the Korean Food Guidance System and the risk of metabolic abnormalities in Koreans. Nutrition Research and Practice, 2011, 5, 560. | 0.7 | 22 |
| 79 | Comparison of the dietary intake and clinical characteristics of obese and normal weight adults. Nutrition Research and Practice, 2011, 5, 329. | 0.7 | 19 |
| 80 | High fat diet-induced obesity leads to proinflammatory response associated with higher expression of NOD2 protein. Nutrition Research and Practice, 2011, 5, 219. | 0.7 | 26 |
| 81 | Comparison of dietary intake and clinical characteristics of obese with normal weight subjects. FASEB Journal, 2011, 25, 991.9. | 0.2 | 0 |
| 82 | High fat dietâ€induced obesity leads to proinflammatory response associated with higher expression of NOD2 protein. FASEB Journal, 2011, 25, 995.11. | 0.2 | 0 |
| 83 | Differential effects of natural and synthetic vitamin E on gene transcription in murine T lymphocytes. Archives of Biochemistry and Biophysics, 2010, 495, 49-55. | 1.4 | 38 |
| 84 | Dietâ€induced obesity leads to decreased hepatic iron storage associated with inflammation. FASEB Journal, 2010, 24, 341.4. | 0.2 | 1 |
| 85 | Effects of 20% fat and 1% cholesterol dietâ€induced obesity on gene expression profiles of T cells. FASEB Journal, 2010, 24, 723.16. | 0.2 | 0 |
| 86 | Inflammation status in adipose tissue and peritoneal macrophages of young and old mice in dietâ€induced obesity. FASEB Journal, 2009, 23, 909.3. | 0.2 | 0 |
| 87 | Effect of short term supplementation with Lactobacillus acidophilus LAFTIÂ® L10 on resistance to influenza infection in young and old mice.. FASEB Journal, 2008, 22, 450.4. | 0.2 | 0 |
| 88 | Impact of vitamin E on immune function and its clinical implications. Expert Review of Clinical Immunology, 2006, 2, 561-567. | 1.3 | 24 |
| 89 | Age and Vitamin E-Induced Changes in Gene Expression Profiles of T Cells. Journal of Immunology, 2006, 177, 6052-6061. | 0.4 | 63 |
| 90 | Effect of Concomitant Consumption of Fish Oil and Vitamin E on T Cell Mediated Function in the Elderly: A Randomized Double-Blind Trial. Journal of the American College of Nutrition, 2006, 25, 300-306. | 1.1 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Vitamin E and immune response in the aged: molecular mechanisms and clinical implications. Immunological Reviews, 2005, 205, 269-284. | 2.8 | 184 |
| 92 | Vitamin E and Gene Expression in Immune Cells. Annals of the New York Academy of Sciences, 2004, 1031, 96-101. | 1.8 | 33 |
| 93 | Vitamin E and Respiratory Infection in the Elderly. Annals of the New York Academy of Sciences, 2004, 1031, 214-222. | 1.8 | 29 |
| 94 | The Effect of Vitamin E on Secondary Bacterial Infection after Influenza Infection in Young and Old Mice. Annals of the New York Academy of Sciences, 2004, 1031, 418-421. | 1.8 | 19 |
| 95 | Effect of Concomitant Consumption of Fish Oil and Vitamin E on Production of Inflammatory Cytokines in Healthy Elderly Humans. Annals of the New York Academy of Sciences, 2004, 1031, 422-424. | 1.8 | 30 |
| 96 | Effect of a therapeutic lifestyle change diet on immune functions of moderately hypercholesterolemic humans. Journal of Lipid Research, 2003, 44, 2304-2310. | 2.0 | 22 |
| 97 | Vitamin E Supplementation Does Not Alter Azoxymethane-Induced Colonic Aberrant Crypt Foci Formation in Young or Old Mice. Journal of Nutrition, 2003, 133, 528-532. | 1.3 | 21 |
| 98 | Effect of hydrogenated and saturated, relative to polyunsaturated, fat on immune and inflammatory responses of adults with moderate hypercholesterolemia. Journal of Lipid Research, 2002, 43, 445-452. | 2.0 | 226 |
| 99 | Effect of hydrogenated and saturated, relative to polyunsaturated, fat on immune and inflammatory responses of adults with moderate hypercholesterolemia. Journal of Lipid Research, 2002, 43, 445-52. | 2.0 | 174 |
| 100 | Urinary 8-hydroxy-2â€²-deoxyguanosine (8-OHdG) as a marker of oxidative stress in rheumatoid arthritis and aging: effect of progressive resistance training. Journal of Nutritional Biochemistry, 2000, 11, 581-584. | 1.9 | 72 |
| 101 | Antioxidants, Cytokines, and Influenza Infection in Aged Mice and Elderly Humans. Journal of Infectious Diseases, 2000, 182, S74-S80. | 1.9 | 86 |
| 102 | Dietary Conjugated Linoleic Acid Influences the Immune Response of Young and Old C57BL/6NCrlBR Mice.. Journal of Nutrition, 1999, 129, 32-38. | 1.3 | 180 |
| 103 | Vitamin E and infectious diseases in the aged. Proceedings of the Nutrition Society, 1999, 58, 697-705. | 0.4 | 34 |
| 104 | Age-associated increase in PGE<sub>2</sub>synthesis and COX activity in murine macrophages is reversed by vitamin E. American Journal of Physiology - Cell Physiology, 1998, 275, C661-C668. | 2.1 | 146 |
| 105 | Dietary Supplementation with Mushroom-Derived Protein-Bound Glucan Does Not Enhance Immune Function in Young and Old Mice ,. Journal of Nutrition, 1998, 128, 193-197. | 1.3 | 22 |
| 106 | Macrophage prostaglandin production contributes to the age-associated decrease in T cell function which is reversed by the dietary antioxidant vitamin E. Mechanisms of Ageing and Development, 1997, 93, 59-77. | 2.2 | 141 |