

Duk-chul Lee

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

3,095
citations

182225

30
h-index

190340

53
g-index

102
all docs

102
docs citations

102
times ranked

5773
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Association between Serum Folic Acid Level and the Risk of Hypertriglyceridemia in Korean Female: Analysis Based on 2016–2018 Korea National Health and Nutrition Examination Survey. <i>Korean Journal of Family Practice</i> , 2022, 12, 167-172. | 0.1 | 0 |
| 2 | Association between Daily Sunlight Exposure and Fractures in Older Korean Adults with Osteoporosis: A Nationwide Population-Based Cross-Sectional Study. <i>Yonsei Medical Journal</i> , 2021, 62, 593. | 0.9 | 11 |
| 3 | Relationship between sedentary time and central obesity in adult Korean men: Korean National Health and Nutrition Examination Survey, 2014. <i>The National Medical Journal of India</i> , 2021, 34, 15. | 0.1 | 1 |
| 4 | Association Between 10-Year Fracture Probability and Nonalcoholic Fatty Liver Disease With or Without Sarcopenia in Korean Men: A Nationwide Population-Based Cross-Sectional Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 599339. | 1.5 | 11 |
| 5 | Melatonin Supplementation for Six Weeks Had No Effect on Arterial Stiffness and Mitochondrial DNA in Women Aged 55 Years and Older with Insomnia: A Double-Blind Randomized Controlled Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2561. | 1.2 | 4 |
| 6 | Clinical Practice Guideline for Frailty Applicable in Primary Care Setting. <i>Korean Journal of Family Practice</i> , 2021, 11, 223-235. | 0.1 | 3 |
| 7 | High-Fat-Diet–Induced Oxidative Stress Linked to the Increased Colonization of <i>Lactobacillus sakei</i> in an Obese Population. <i>Microbiology Spectrum</i> , 2021, 9, e0007421. | 1.2 | 7 |
| 8 | Association between handgrip strength asymmetry and falls in elderly Koreans: A nationwide population-based cross-sectional study. <i>Archives of Gerontology and Geriatrics</i> , 2021, 96, 104470. | 1.4 | 19 |
| 9 | Clinical Practice Guidelines for Managing Frailty in Community-Dwelling Korean Elderly Adults in Primary Care Settings. <i>Korean Journal of Family Medicine</i> , 2021, 42, 413-424. | 0.4 | 6 |
| 10 | High-Fat Diet and Antibiotics Cooperatively Impair Mitochondrial Bioenergetics to Trigger Dysbiosis that Exacerbates Pre-inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , 2020, 28, 273-284.e6. | 5.1 | 88 |
| 11 | Association between daily sunlight exposure duration and diabetic retinopathy in Korean adults with diabetes: A nationwide population-based cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0237149. | 1.1 | 2 |
| 12 | Heritability of telomere length across three generations of Korean families. <i>Pediatric Research</i> , 2020, 87, 1060-1065. | 1.1 | 13 |
| 13 | Medial Temporal Atrophy Alone is Insufficient to Predict Underlying Alzheimer’s Disease Pathology. <i>Korean Journal of Family Medicine</i> , 2020, 41, 352-358. | 0.4 | 2 |
| 14 | Effects of <i>Gelidium elegans</i> on Weight and Fat Mass Reduction and Obesity Biomarkers in Overweight or Obese Adults: A Randomized Double-Blinded Study. <i>Nutrients</i> , 2019, 11, 1513. | 1.7 | 8 |
| 15 | Association between C-Reactive Protein and Metabolic Syndrome in Korean Adults. <i>Korean Journal of Family Medicine</i> , 2019, 40, 116-123. | 0.4 | 24 |
| 16 | Higher maternal vitamin D concentrations are associated with longer leukocyte telomeres in newborns. <i>Maternal and Child Nutrition</i> , 2018, 14, . | 1.4 | 31 |
| 17 | Serum γ -glutamyltransferase level and metabolic syndrome in children and adolescents: Korean National Health and Nutrition Examination Survey. <i>Journal of Diabetes Investigation</i> , 2018, 9, 522-528. | 1.1 | 3 |
| 18 | Does the Severity of Type 2 Diabetes Affect Yearly Diabetic Retinal Examination?: A Cross Sectional Analysis of the Korea National Health and Nutrition Examination Survey 2013-2015. <i>Korean Journal of Family Practice</i> , 2018, 8, 793-798. | 0.1 | 1 |

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|----|--|-----|-----------|
| 19 | Relationships of Serum Iron Parameters and Hemoglobin with Forced Expiratory Volume in 1 Second in Patients with Chronic Obstructive Pulmonary Disease. <i>Korean Journal of Family Medicine</i> , 2018, 39, 85. | 0.4 | 3 |
| 20 | Do Benign Pancreatic Cysts Increase the Incidence Risk of Pancreatic Cancer?: For Korean Aged over 40 Years. <i>Korean Journal of Family Practice</i> , 2018, 8, 147-150. | 0.1 | 0 |
| 21 | Association of Coffee Consumption and Estimated Glomerular Filtration Rate in Middle-Aged Koreans without Renal Impairment: The Korea National Health and Nutrition Examination Surveys 2013-2014. <i>Korean Journal of Family Practice</i> , 2018, 8, 391-397. | 0.1 | 0 |
| 22 | Smoking and its Relationship with Sarcopenia: Result from the 2008-2011 Korean National Health and Nutrition Examination Survey. <i>Korean Journal of Family Practice</i> , 2018, 8, 752-758. | 0.1 | 3 |
| 23 | Correlations between Amount of Physical Activity on Working Time and Blood Cholesterol Level. <i>Korean Journal of Family Practice</i> , 2018, 8, 951-956. | 0.1 | 0 |
| 24 | Combined Impact of Telomere Length and Mitochondrial DNA Copy Number on Cognitive Function in Community-Dwelling Very Old Adults. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 44, 232-243. | 0.7 | 10 |
| 25 | Serum chemerin levels are independently associated with quality of life in colorectal cancer survivors: A pilot study. <i>PLoS ONE</i> , 2017, 12, e0176929. | 1.1 | 7 |
| 26 | Association between Salivary Mitochondrial DNA Copy Number and Chronic Fatigue according to Combined Symptoms in Korean Adults. <i>Korean Journal of Family Medicine</i> , 2017, 38, 206. | 0.4 | 6 |
| 27 | Comparing the Trend of Physical Activity and Caloric Intake between Lipid-Lowering Drug Users and Nonusers among Adults with Dyslipidemia: Korean National Health and Nutrition Examination Surveys (2010-2013). <i>Korean Journal of Family Medicine</i> , 2016, 37, 105. | 0.4 | 2 |
| 28 | Association between the triglyceride to high-density lipoprotein cholesterol ratio and insulin resistance in Korean adolescents: a nationwide population-based study. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016, 29, 1259-1265. | 0.4 | 7 |
| 29 | Association between Coffee Consumption and Sarcopenia in Older Adults: A Cross Sectional Analysis of the Korea National Health and Nutrition Examination Survey 2008-2011. <i>Korean Journal of Family Practice</i> , 2016, 6, 598-603. | 0.1 | 2 |
| 30 | The Association between Esomeprazole and Pneumonia in the Elderly. <i>Korean Journal of Clinical Geriatrics</i> , 2016, 17, 22-28. | 0.3 | 0 |
| 31 | Smokers With Adequate Vitamin C Intake Show a Preferable Pulmonary Function Test. <i>Journal of the American College of Nutrition</i> , 2015, 34, 385-390. | 1.1 | 3 |
| 32 | The Association between Atopic Dermatitis and Depressive Symptoms in Korean Adults: The Fifth Korea National Health and Nutrition Examination Survey, 2007-2012. <i>Korean Journal of Family Medicine</i> , 2015, 36, 261. | 0.4 | 20 |
| 33 | Combined Impact of Cardiorespiratory Fitness and Visceral Adiposity on Metabolic Syndrome in Overweight and Obese Adults in Korea. <i>PLoS ONE</i> , 2014, 9, e85742. | 1.1 | 17 |
| 34 | Visceral Fat Accumulation Is Associated with Colorectal Cancer in Postmenopausal Women. <i>PLoS ONE</i> , 2014, 9, e110587. | 1.1 | 24 |
| 35 | Distribution of Abdominal Obesity and Fitness Level in Overweight and Obese Korean Adults. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-9. | 0.6 | 7 |
| 36 | Mitochondrial DNA Copy Number in Peripheral Blood Is Independently Associated with Visceral Fat Accumulation in Healthy Young Adults. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-7. | 0.6 | 54 |

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|----|---|-----|-----------|
| 37 | The Korean Heart Study: rationale, objectives, protocol, and preliminary results for a new prospective cohort study of 430,920 men and women. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 1484-1492. | 0.8 | 37 |
| 38 | Urine melatonin levels are inversely associated with sarcopenia in postmenopausal women. <i>Menopause</i> , 2014, 21, 39-44. | 0.8 | 23 |
| 39 | A coronary heart disease prediction model: the Korean Heart Study. <i>BMJ Open</i> , 2014, 4, e005025. | 0.8 | 153 |
| 40 | Effects of 12 weeks of probiotic supplementation on quality of life in colorectal cancer survivors: A double-blind, randomized, placebo-controlled trial. <i>Digestive and Liver Disease</i> , 2014, 46, 1126-1132. | 0.4 | 95 |
| 41 | Corrigendum to "Muscle strength and quality are associated with severity of menopausal symptoms in peri- and post-menopausal women" [Maturitas 76 (2013) 88-94]. <i>Maturitas</i> , 2014, 78, 74. | 1.0 | 0 |
| 42 | Predominance of small dense LDL differentiates metabolically unhealthy from metabolically healthy overweight adults in Korea. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 415-421. | 1.5 | 12 |
| 43 | Urine 6-sulfatoxymelatonin levels are inversely associated with arterial stiffness in post-menopausal women. <i>Maturitas</i> , 2014, 78, 117-122. | 1.0 | 5 |
| 44 | Cardiac and pulmonary benefits of forest walking versus city walking in elderly women: A randomised, controlled, open-label trial. <i>European Journal of Integrative Medicine</i> , 2014, 6, 5-11. | 0.8 | 84 |
| 45 | The Relationship between Metabolic Syndrome and Childhood Maternal Education Level, Job Status Findings from the Korean National Health and Nutrition Examination, 2007-2009. <i>Korean Journal of Family Medicine</i> , 2014, 35, 207. | 0.4 | 12 |
| 46 | Effect of Korean Red Ginseng on Artificial Sand Dust (ASD) Induced Allergic Lung Inflammation. <i>Biomedical Science Letters</i> , 2014, 20, 173-179. | 0.0 | 2 |
| 47 | Body composition and its association with cardiometabolic risk factors in the elderly: A focus on sarcopenic obesity. <i>Archives of Gerontology and Geriatrics</i> , 2013, 56, 270-278. | 1.4 | 212 |
| 48 | Muscle strength and quality are associated with severity of menopausal symptoms in peri- and post-menopausal women. <i>Maturitas</i> , 2013, 76, 88-94. | 1.0 | 17 |
| 49 | Leukocyte telomere length is independently associated with gait speed in elderly women. <i>Maturitas</i> , 2013, 75, 165-169. | 1.0 | 12 |
| 50 | The association between chemerin and homeostasis assessment of insulin resistance at baseline and after weight reduction via lifestyle modifications in young obese adults. <i>Clinica Chimica Acta</i> , 2013, 421, 109-115. | 0.5 | 29 |
| 51 | Fasting Glucose Level and the Risk of Incident Atherosclerotic Cardiovascular Diseases. <i>Diabetes Care</i> , 2013, 36, 1988-1993. | 4.3 | 115 |
| 52 | Serum carcinoembryonic antigen is associated with non-alcoholic fatty liver disease in healthy Korean non-smokers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1499-504. | 1.4 | 15 |
| 53 | Hemoglobin Concentration and Risk of Cardiovascular Disease in Korean Men and Women - The Korean Heart Study. <i>Journal of Korean Medical Science</i> , 2013, 28, 1316. | 1.1 | 30 |
| 54 | The Relationship between Leukocyte Mitochondrial DNA Copy Number and Telomere Length in Community-Dwelling Elderly Women. <i>PLoS ONE</i> , 2013, 8, e67227. | 1.1 | 77 |

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|----|---|-----|-----------|
| 55 | Cardiopulmonary Fitness Is Independently Associated with Insulin Resistance in Non-Diabetes Mellitus Patients of a University Hospital in Korea. <i>Korean Journal of Family Medicine</i> , 2013, 34, 139. | 0.4 | 5 |
| 56 | Correlation between Abnormal Pap Smear Finding and Brachial-ankle Pulse Wave Velocity in Korean Women. <i>Journal of Lifestyle Medicine</i> , 2013, 3, 68-72. | 0.3 | 2 |
| 57 | Effects of APACHE II Score and Initial Nutritional Status on Prognosis of the Critically Ill Patients. <i>The Korean Journal of Critical Care Medicine</i> , 2012, 27, 102. | 0.2 | 4 |
| 58 | The relationship between leukocyte mitochondrial DNA contents and metabolic syndrome in postmenopausal women. <i>Menopause</i> , 2012, 19, 582-587. | 0.8 | 29 |
| 59 | Habitual physical exercise has beneficial effects on telomere length in postmenopausal women. <i>Menopause</i> , 2012, 19, 1109-1115. | 0.8 | 46 |
| 60 | Mitochondrial DNA Copy Number in Peripheral Blood Is Associated with Femoral Neck Bone Mineral Density in Postmenopausal Women. <i>Journal of Rheumatology</i> , 2012, 39, 1465-1472. | 1.0 | 9 |
| 61 | The use of complementary and alternative medicine (CAM) in children: a telephone-based survey in Korea. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 46. | 3.7 | 18 |
| 62 | Chemerin and Adiponectin Contribute Reciprocally to Metabolic Syndrome. <i>PLoS ONE</i> , 2012, 7, e34710. | 1.1 | 80 |
| 63 | Serum Carcinoembryonic Antigen Is Associated with Abdominal Visceral Fat Accumulation in Female Korean Nonsmokers. <i>PLoS ONE</i> , 2012, 7, e43518. | 1.1 | 20 |
| 64 | Relationship between attentionâ€deficit/hyperactivity disorder and trans fatty acids intake in female adolescents. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2012, 101, e431-3. | 0.7 | 4 |
| 65 | Is abdominal obesity associated with the 2009 influenza A (H1N1) pandemic in Korean schoolâ€aged children?. <i>Influenza and Other Respiratory Viruses</i> , 2012, 6, 313-317. | 1.5 | 23 |
| 66 | Serum Ferritin Is Differentially Associated with Anti-oxidative Status and Insulin Resistance in Healthy Obese and Non-obese Women. <i>Korean Journal of Family Medicine</i> , 2012, 33, 205. | 0.4 | 5 |
| 67 | Effects of Coenzyme Q ₁₀ on Arterial Stiffness, Metabolic Parameters, and Fatigue in Obese Subjects: A Double-Blind Randomized Controlled Study. <i>Journal of Medicinal Food</i> , 2011, 14, 386-390. | 0.8 | 51 |
| 68 | Corrigendum to â€œThe relationship between visfatin and metabolic syndrome in postmenopausal womenâ€•[<i>Maturitas</i> 67 (2010) 67â€71]. <i>Maturitas</i> , 2011, 69, e7. | 1.0 | 1 |
| 69 | Adiponectin in Women with Polycystic Ovary Syndrome. <i>Korean Journal of Family Medicine</i> , 2011, 32, 243. | 0.4 | 16 |
| 70 | Mitochondrial DNA copy number in peripheral blood in polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 1677-1682. | 1.5 | 54 |
| 71 | Increased arterial stiffness in healthy subjects with high-normal glucose levels and in subjects with pre-diabetes. <i>Cardiovascular Diabetology</i> , 2011, 10, 30. | 2.7 | 106 |
| 72 | Leukocyte mitochondrial DNA (mtDNA) content is associated with depression in old women. <i>Archives of Gerontology and Geriatrics</i> , 2011, 53, e218-e221. | 1.4 | 71 |

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|----|---|-----|-----------|
| 73 | Validation of the Korean Integrative Medicine Attitude Questionnaire (IMAQ). Korean Journal of Family Medicine, 2011, 32, 197. | 0.4 | 5 |
| 74 | Association between white blood cell and red blood cell counts within reference range and metabolic syndrome in Korean men and women. Toxicology and Environmental Health Sciences, 2010, 2, 238-244. | 1.1 | 1 |
| 75 | Relation between Obesity and Bone Mineral Density and Vertebral Fractures in Korean Postmenopausal Women. Yonsei Medical Journal, 2010, 51, 857. | 0.9 | 141 |
| 76 | Clinical Predictors of Novel Influenza A (H1N1) Infection in Korea. Yonsei Medical Journal, 2010, 51, 895. | 0.9 | 10 |
| 77 | Pharmacokinetic interaction between 5-[2-propyloxy-5-(1-methyl-2-pyrrolidinyloethylamidulosfonyl)phenyl]-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo (4,3-d) pyrimidine-7-one (DA-8159) and nitroglycerin in rats. Journal of Pharmacy and Pharmacology, 2010, 57, 1397-1405. | 1.2 | 4 |
| 78 | The relationship between visfatin and metabolic syndrome in postmenopausal women. Maturitas, 2010, 67, 67-71. | 1.0 | 20 |
| 79 | Mitochondrial DNA copy number in peripheral blood is associated with cognitive function in apparently healthy elderly women. Clinica Chimica Acta, 2010, 411, 592-596. | 0.5 | 62 |
| 80 | The Association between Height and Cognitive Function in Community Dwelling Old Women. Korean Journal of Family Medicine, 2010, 31, 108. | 0.4 | 2 |
| 81 | Gender difference and determinants of C-reactive protein level in Korean adults. Clinical Chemistry and Laboratory Medicine, 2009, 47, 863-9. | 1.4 | 25 |
| 82 | Retinol binding protein 4 and insulin resistance in apparently healthy elderly subjects. Clinica Chimica Acta, 2009, 400, 30-32. | 0.5 | 17 |
| 83 | Elevated white blood cell count is associated with arterial stiffness. Nutrition, Metabolism and Cardiovascular Diseases, 2009, 19, 3-7. | 1.1 | 40 |
| 84 | Relationship of Serum Homocysteine with Brachial-Ankle Pulse Wave Velocity in Middle Aged Women. Korean Journal of Family Medicine, 2009, 30, 457. | 0.4 | 1 |
| 85 | Development of models for predicting biological age (BA) with physical, biochemical, and hormonal parameters. Archives of Gerontology and Geriatrics, 2008, 47, 253-265. | 1.4 | 53 |
| 86 | Retinol-binding protein in nonobese women with polycystic ovary syndrome. Clinical Endocrinology, 2008, 68, 786-790. | 1.2 | 4 |
| 87 | Renal Manifestations and Visceral Adiposity in Apparently Healthy Korean Women. Kidney and Blood Pressure Research, 2008, 31, 416-420. | 0.9 | 5 |
| 88 | Abdominal Visceral Fat Reduction Is Associated with Favorable Changes of Serum Retinol Binding Protein-4 in Nondiabetic Subjects. Endocrine Journal, 2008, 55, 811-818. | 0.7 | 38 |
| 89 | Insulin Resistance Is Associated with Arterial Stiffness Independent of Obesity in Male Adolescents. Hypertension Research, 2007, 30, 5-11. | 1.5 | 28 |
| 90 | Association of serum retinol binding protein 4 and insulin resistance in apparently healthy adolescents. Metabolism: Clinical and Experimental, 2007, 56, 327-331. | 1.5 | 126 |

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|-----|---|-----|-----------|
| 91 | Visceral Adiposity Is Associated with Serum Retinol Binding Protein-4 Levels in Healthy Women. <i>Obesity</i> , 2007, 15, 2225-2232. | 1.5 | 72 |
| 92 | Viscerally obese women with normal body weight have greater brachial-ankle pulse wave velocity than nonviscerally obese women with excessive body weight. <i>Clinical Endocrinology</i> , 2007, 66, 070215015809001-??? | 1.2 | 31 |
| 93 | Association between Brachial-Ankle Pulse Wave Velocity and Cardiovascular Risk Factors in Healthy Adolescents. <i>Journal of Pediatrics</i> , 2007, 150, 247-251. | 0.9 | 90 |
| 94 | Association between hypoadiponectinemia and cardiovascular risk factors in nonobese healthy adults. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 1546-1550. | 1.5 | 53 |
| 95 | Plasma adiponectin levels in postmenopausal women with or without long-term hormone therapy. <i>Maturitas</i> , 2006, 54, 65-71. | 1.0 | 39 |
| 96 | Comparison Between a New Low Dose Urea Capsule Test and the Conventional UBiT [®] Tablet Test for the Detection of <i>Helicobacter pylori</i> Infection. <i>Annals of Laboratory Medicine</i> , 2006, 26, 81-85. | 1.2 | 2 |
| 97 | Uric Acid as a Prognostic Factor for Survival Time: A Prospective Cohort Study of Terminally Ill Cancer Patients. <i>Journal of Pain and Symptom Management</i> , 2006, 31, 493-501. | 0.6 | 49 |
| 98 | Pharmacokinetics of theophylline in diabetes mellitus rats: Induction of CYP1A2 and CYP2E1 on 1,3-dimethyluric acid formation. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 26, 114-123. | 1.9 | 72 |
| 99 | Effect of Long-Term Hormone Therapy on Telomere Length in Postmenopausal Women. <i>Yonsei Medical Journal</i> , 2005, 46, 471. | 0.9 | 99 |
| 100 | EFFECTS OF ACUTE RENAL FAILURE ON THE PHARMACOKINETICS OF CHLORZOXAZONE IN RATS. <i>Drug Metabolism and Disposition</i> , 2003, 31, 776-784. | 1.7 | 61 |
| 101 | The Use of Elastic Adhesive Tape to Promote Lymphatic Flow in the Rabbit Hind Leg. <i>Yonsei Medical Journal</i> , 2003, 44, 1045. | 0.9 | 72 |