

Mi-Kyeong Choi

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

925
citations

516710

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26
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106
all docs

106
docs citations

106
times ranked

1337
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of Silicon on Osteoblast Activity and Bone Mineralization of MC3T3-E1 Cells. <i>Biological Trace Element Research</i> , 2013, 152, 105-112. | 3.5 | 97 |
| 2 | Silicon Supplementation Improves the Bone Mineral Density of Calcium-Deficient Ovariectomized Rats by Reducing Bone Resorption. <i>Biological Trace Element Research</i> , 2009, 128, 239-247. | 3.5 | 60 |
| 3 | Relationship between Dietary Magnesium, Manganese, and Copper and Metabolic Syndrome Risk in Korean Adults: The Korea National Health and Nutrition Examination Survey (2007-2008). <i>Biological Trace Element Research</i> , 2013, 156, 56-66. | 3.5 | 50 |
| 4 | Seven Dietary Minerals (Ca, P, Mg, Fe, Zn, Cu, and Mn) and Their Relationship with Blood Pressure and Blood Lipids in Healthy Adults with Self-Selected Diet. <i>Biological Trace Element Research</i> , 2013, 153, 69-75. | 3.5 | 43 |
| 5 | Association between 24-h urinary sodium excretion and obesity in Korean adults: A multicenter study. <i>Nutrition</i> , 2017, 41, 113-119. | 2.4 | 29 |
| 6 | Short-term Administration of Water-soluble Silicon Improves Mineral Density of the Femur and Tibia in Ovariectomized Rats. <i>Biological Trace Element Research</i> , 2008, 124, 157-163. | 3.5 | 28 |
| 7 | The Analysis of Copper, Selenium, and Molybdenum Contents in Frequently Consumed Foods and an Estimation of Their Daily Intake in Korean Adults. <i>Biological Trace Element Research</i> , 2009, 128, 104-117. | 3.5 | 26 |
| 8 | Manganese Supplementation Reduces the Blood Cholesterol Levels in Ca-Deficient Ovariectomized Rats. <i>Biological Trace Element Research</i> , 2011, 141, 224-231. | 3.5 | 26 |
| 9 | Daily Copper and Manganese Intakes and Their Relation to Blood Pressure in Normotensive Adults. <i>Clinical Nutrition Research</i> , 2015, 4, 259. | 1.2 | 26 |
| 10 | Bone mineral density of Korean postmenopausal women is similar between vegetarians and nonvegetarians. <i>Nutrition Research</i> , 2007, 27, 612-617. | 2.9 | 25 |
| 11 | Association of Magnesium Intake with High Blood Pressure in Korean Adults: Korea National Health and Nutrition Examination Survey 2007-2009. <i>PLoS ONE</i> , 2015, 10, e0130405. | 2.5 | 21 |
| 12 | Validity and reproducibility of a food frequency questionnaire to assess dietary nutrients for prevention and management of metabolic syndrome in Korea. <i>Nutrition Research and Practice</i> , 2010, 4, 121. | 1.9 | 20 |
| 13 | Analysis of Antioxidant and Anti-inflammatory Activity of Silicon in Murine Macrophages. <i>Biological Trace Element Research</i> , 2013, 156, 329-337. | 3.5 | 19 |
| 14 | Proximate composition and mineral content of five edible insects consumed in Korea. <i>CYTA - Journal of Food</i> , 0, , 1-4. | 1.9 | 19 |
| 15 | Dietary Intake Ratios of Calcium-to-Phosphorus and Sodium-to-Potassium Are Associated with Serum Lipid Levels in Healthy Korean Adults. <i>Preventive Nutrition and Food Science</i> , 2012, 17, 93-100. | 1.6 | 19 |
| 16 | Analysis of Magnesium Contents in Commonly Consumed Foods and Evaluation of its Daily Intake in Korean Independent-Living Subjects. <i>Biological Trace Element Research</i> , 2010, 135, 182-199. | 3.5 | 17 |
| 17 | Preference and the Frequency of Processed Food Intake according to the Type of Residence of College Students in Korea. <i>Korean Journal of Community Nutrition</i> , 2015, 20, 188. | 1.0 | 17 |
| 18 | Analysis of Boron Content in Frequently Consumed Foods in Korea. <i>Biological Trace Element Research</i> , 2008, 126, 13-26. | 3.5 | 16 |

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|----|--|-----|-----------|
| 19 | Anti-Obesity and Hypolipidemic Effects of <i>Lycium chinense</i> Leaf Powder in Obese Rats. <i>Journal of Medicinal Food</i> , 2010, 13, 801-807. | 1.5 | 16 |
| 20 | Effect of Water-Soluble Silicon Supplementation on Bone Status and Balance of Calcium and Magnesium in Male Mice. <i>Biological Trace Element Research</i> , 2014, 158, 238-242. | 3.5 | 14 |
| 21 | Study of Dietary Attitudes and Diet Management of Married Immigrant Women in Korea according to Residence Period. <i>Journal of the Korean Dietetic Association</i> , 2012, 18, 297-307. | 0.3 | 14 |
| 22 | Daily calcium intake and its relation to blood pressure, blood lipids, and oxidative stress biomarkers in hypertensive and normotensive subjects. <i>Nutrition Research and Practice</i> , 2012, 6, 421. | 1.9 | 13 |
| 23 | Magnesium Intake and its Relevance with Antioxidant Capacity in Korean Adults. <i>Biological Trace Element Research</i> , 2011, 143, 213-225. | 3.5 | 12 |
| 24 | Estimation of manganese daily intake among adults in Korea. <i>Nutrition Research and Practice</i> , 2008, 2, 22. | 1.9 | 11 |
| 25 | Evaluation of Magnesium Intake and Its Relation with Bone Quality in Healthy Young Korean Women. <i>Biological Trace Element Research</i> , 2011, 144, 109-117. | 3.5 | 11 |
| 26 | Dietary Mineral Intake from Nuts and Its Relationship to Hypertension Among Korean Adults. <i>Biological Trace Element Research</i> , 2022, 200, 3519-3528. | 3.5 | 11 |
| 27 | Dietary Silicon Intake of Korean Young Adult Males and Its Relation to their Bone Status. <i>Biological Trace Element Research</i> , 2017, 176, 89-104. | 3.5 | 10 |
| 28 | Home Meal Replacement Use and Eating Habits of Adults in One-Person Households. <i>Korean Journal of Community Nutrition</i> , 2019, 24, 476. | 1.0 | 10 |
| 29 | Night Eating Habits of Middle School Students in Gyeonggi. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2014, 43, 300-308. | 0.9 | 10 |
| 30 | Status and Relationships among Lifestyle, Food Habits, and Stress Scores of Adults in Chungnam. <i>Korean Journal of Community Nutrition</i> , 2012, 17, 579. | 1.0 | 9 |
| 31 | Daily Intake of Magnesium and its Relation to Urinary Excretion in Korean Healthy Adults Consuming Self-Selected Diets. <i>Biological Trace Element Research</i> , 2017, 176, 105-113. | 3.5 | 9 |
| 32 | Recognition, purchase, and consumption of edible insects in Korean adults. <i>Journal of Nutrition and Health</i> , 2020, 53, 190. | 0.8 | 9 |
| 33 | Effect of Silicon Supplementation on Bone Status in Ovariectomized Rats Under Calcium-Replete Condition. <i>Biological Trace Element Research</i> , 2016, 171, 138-144. | 3.5 | 8 |
| 34 | Association between the Frequency of Dining Out and the Risk of Obesity, Diabetes Mellitus, and Dyslipidemia among Korean Adults. <i>Ecology of Food and Nutrition</i> , 2019, 58, 560-574. | 1.6 | 8 |
| 35 | Diet and Health Status of Elderly Women According to the Family Type. <i>Korean Journal of Community Nutrition</i> , 2016, 21, 256. | 1.0 | 8 |
| 36 | A Study on Diet Quality, Food Behavior and Energy Balance of College Student in Chungnam Area. <i>The Korean Journal of Food and Nutrition</i> , 2012, 25, 599-611. | 0.3 | 8 |

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|----|---|-----|-----------|
| 37 | Estimation of Boron Intake and its Relation with Bone Mineral Density in Free-Living Korean Female Subjects. <i>Biological Trace Element Research</i> , 2008, 125, 213-222. | 3.5 | 7 |
| 38 | One portion size of foods frequently consumed by Korean adults. <i>Nutrition Research and Practice</i> , 2010, 4, 82. | 1.9 | 7 |
| 39 | Vegetable and fruit intake and its relevance with serum osteocalcin and urinary deoxypyridinoline in Korean adults. <i>Nutrition Research and Practice</i> , 2010, 4, 421. | 1.9 | 7 |
| 40 | The estimated daily manganese intake of Korean children aged 11-12. <i>Nutrition Research and Practice</i> , 2011, 5, 548. | 1.9 | 7 |
| 41 | Daily Manganese Intake Status and Its Relationship with Oxidative Stress Biomarkers under Different Body Mass Index Categories in Korean Adults. <i>Clinical Nutrition Research</i> , 2012, 1, 30. | 1.2 | 7 |
| 42 | Anti-diabetic and hypolipidemic effects of purple-fleshed potato in streptozotocin-induced diabetic rats. <i>Food Science and Biotechnology</i> , 2013, 22, 1-6. | 2.6 | 7 |
| 43 | Dietary Intake and Urinary Excretion of Manganese in Korean Healthy Adults. <i>Biological Trace Element Research</i> , 2020, 196, 384-392. | 3.5 | 7 |
| 44 | Estimation model for habitual 24-hour urinary-sodium excretion using simple questionnaires from normotensive Koreans. <i>PLoS ONE</i> , 2018, 13, e0192588. | 2.5 | 7 |
| 45 | Meal kit purchasing behavior and relationship with the nutrition quotient of young adults in Chungnam. <i>Journal of Nutrition and Health</i> , 2021, 54, 534. | 0.8 | 7 |
| 46 | Dietary Nutrient and Food Intake and Their Relations with Serum Heavy Metals in Osteopenic and Osteoporotic Patients. <i>Clinical Nutrition Research</i> , 2013, 2, 26. | 1.2 | 6 |
| 47 | The Association between Coffee Consumption and Bone Status in Young Adult Males according to Calcium Intake Level. <i>Clinical Nutrition Research</i> , 2016, 5, 180. | 1.2 | 6 |
| 48 | Relationship Between Dietary Intake and Urinary Excretion of Silicon in Free-Living Korean Adult Men and Women. <i>Biological Trace Element Research</i> , 2019, 191, 286-293. | 3.5 | 6 |
| 49 | Nutritional Assessment Focusing on Minerals of Ready-to-Cook Foods Sold in Korea. <i>Journal of the East Asian Society of Dietary Life</i> , 2019, 29, 501-510. | 0.6 | 6 |
| 50 | Study on Middle and High School Students' Use of Convenience Foods at Convenience Stores in Incheon. <i>Korean Journal of Community Nutrition</i> , 2019, 24, 137. | 1.0 | 6 |
| 51 | Effect of Silicon Supplementation in Diets with Different Calcium Levels on Balance of Calcium, Silicon and Magnesium, and Bone Status in Growing Female Rats. <i>Biological Trace Element Research</i> , 2021, 199, 258-266. | 3.5 | 5 |
| 52 | Analysis of Dietary Calcium and Phosphorus Intakes and Contribution Rates of Major Dish Groups according to Gender, Age, and Region in Korea. <i>Korean Journal of Community Nutrition</i> , 2020, 25, 32. | 1.0 | 5 |
| 53 | Evaluation of Nutrient Intake and Food Variety in Korean Male Adults according to Framingham Risk Score. <i>The Korean Journal of Food and Nutrition</i> , 2014, 27, 484-494. | 0.3 | 5 |
| 54 | Energy Content Estimation by Collegians for Portion Standardized Foods Frequently Consumed in Korea. <i>Clinical Nutrition Research</i> , 2014, 3, 24. | 1.2 | 4 |

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|----|--|-----|-----------|
| 55 | Dietary Intake Assessment and Biochemical Characteristics of Blood and Urine in Patients with Chronic Gastritis. <i>Clinical Nutrition Research</i> , 2015, 4, 90. | 1.2 | 4 |
| 56 | Perception of Use of Environment-friendly Agricultural Products during School Foodservice of Mothers of Elementary School Students in Gyeonggi. <i>Korean Journal of Community Nutrition</i> , 2018, 23, 234. | 1.0 | 4 |
| 57 | Effects of the Ethanol Extract from <i>Lycii folium</i> Leaves on Obesity and Blood Biochemical Indices in High-fat Diet Induced Obese Rats. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2009, 38, 1707-1711. | 0.9 | 4 |
| 58 | Association between frequency of convenience foods use at convenience stores and dietary quality among high school students in Incheon. <i>Journal of Nutrition and Health</i> , 2019, 52, 383. | 0.8 | 4 |
| 59 | Association between Stress and Nutritional status of High School Students in Chungbuk using Nutrition Quotient for Korean Adolescents. <i>Korean Journal of Community Nutrition</i> , 2020, 25, 361. | 1.0 | 4 |
| 60 | Estimated balance status of manganese in healthy young adults. <i>Trace Elements and Electrolytes</i> , 2013, 30, 51-58. | 0.1 | 3 |
| 61 | Analysis of Six Elements (Ca, Mg, Fe, Zn, Cu, and Mn) in Several Wild Vegetables and Evaluation of Their Intakes Based on Korea National Health and Nutrition Examination Survey 2010-2011. <i>Biological Trace Element Research</i> , 2015, 164, 114-121. | 3.5 | 3 |
| 62 | Vegetable intake is associated with lower Frammingham risk scores in Korean men: Korea National Health and Nutrition Survey 2007-2009. <i>Nutrition Research and Practice</i> , 2016, 10, 89. | 1.9 | 3 |
| 63 | Dietary calcium, phosphorus, and osteosarcopenic adiposity in Korean adults aged 50 years and older. <i>Archives of Osteoporosis</i> , 2021, 16, 89. | 2.4 | 3 |
| 64 | Adolescents' Estimation of Energy Content of Standard Portion Size of Foods and Its Association with Body Mass Index. <i>Food and Nutrition Sciences (Print)</i> , 2012, 03, 1340-1348. | 0.4 | 3 |
| 65 | Relationship Between Serum Tumor-related Markers and Dietary Intakes in Korean Healthy Adults. <i>Clinical Nutrition Research</i> , 2018, 7, 161. | 1.2 | 2 |
| 66 | Daily Water Consumption and its Contribution to Calcium Intake in Korean Adults. <i>Korean Journal of Community Nutrition</i> , 2019, 24, 18. | 1.0 | 2 |
| 67 | Food purchase in e-commerce and its relation to food habit of adult women in Incheon and Gyeonggi. <i>Journal of Nutrition and Health</i> , 2019, 52, 310. | 0.8 | 2 |
| 68 | Sugar Reduction Perception and Sugary Food Intake among High School Students in Incheon. <i>Korean Journal of Community Nutrition</i> , 2021, 26, 111. | 1.0 | 2 |
| 69 | Effect of Calcium and Boron Intakes on Calcium Balance Status in Ovariectomized Rats. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2006, 35, 48-54. | 0.9 | 2 |
| 70 | A Study on Sodium-related Dietary Attitude and Behaviors According to Sodium-related Nutrition Knowledge of University Students. <i>Korean Journal of Community Nutrition</i> , 2015, 20, 327. | 1.0 | 2 |
| 71 | Sodium content and daily intake of instant noodle in Korean adolescents and adults. <i>Trace Elements and Electrolytes</i> , 2015, 32, 197-203. | 0.1 | 2 |
| 72 | Comparison of Taste Preferences, Eating Behaviors, and Dietary Habits according to Age of the Elderly in Chungcheong-do. <i>Journal of the East Asian Society of Dietary Life</i> , 2019, 29, 139-147. | 0.6 | 2 |

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|----|--|-----|-----------|
| 73 | E-commerce Food Purchases by Adult Women according to their Household Types. Korean Journal of Community Nutrition, 2020, 25, 464. | 1.0 | 2 |
| 74 | Eating Out Status according to Skipping and Type of Breakfast among Male High School Students in Incheon. Korean Journal of Community Nutrition, 2020, 25, 102. | 1.0 | 2 |
| 75 | Assessment of Nutrient Contents Using Food and Nutrition Labeling of Meal Kit Sold in Korea. Journal of the East Asian Society of Dietary Life, 2022, 32, 103-112. | 0.6 | 2 |
| 76 | Issues pertaining to Mg, Zn and Cu in the 2020 Dietary Reference Intakes for Koreans. Nutrition Research and Practice, 2022, 16, S113. | 1.9 | 2 |
| 77 | Evaluation of Mineral Contents of Multi-Vitamin and Minerals Currently Sold in South Korea. Clinical Nutrition Research, 2018, 7, 248. | 1.2 | 1 |
| 78 | Mineral contents and antioxidant capacity of selected nuts. Trace Elements and Electrolytes, 2021, , . | 0.1 | 1 |
| 79 | Preference and Dietary Behavior for Kimchi among Elementary School Students in Chungnam. The Korean Journal of Food and Nutrition, 2014, 27, 203-212. | 0.3 | 1 |
| 80 | Intake and food sources of sodium and potassium in elementary school children in South Korea. Trace Elements and Electrolytes, 2015, 32, 28-36. | 0.1 | 1 |
| 81 | Assessing the content and daily intake of sodium from instant ramen in Korean adolescents and adults. FASEB Journal, 2015, 29, LB330. | 0.5 | 1 |
| 82 | Iron, zinc, and manganese intake among elementary schoolchildren aged 6 to 11 years in South Korea. Trace Elements and Electrolytes, 2013, , . | 0.1 | 0 |
| 83 | Maternal correlates of vegetable preference and consumption in preschool-aged children. Journal of Nutrition and Health, 2021, 54, 54. | 0.8 | 0 |
| 84 | Evaluation of manganese balance status in Korean adults. FASEB Journal, 2009, 23, 902.5. | 0.5 | 0 |
| 85 | The effect of silicon supplementation on bone mineral density relative to Ca intake levels in ovariectomized rats. FASEB Journal, 2009, 23, 902.6. | 0.5 | 0 |
| 86 | Effect of calcium supplementation combined with fucoidan and chitooligosaccharide on bone mineral density in ovariectomized rats. FASEB Journal, 2010, 24, 726.3. | 0.5 | 0 |
| 87 | Analysis of mineral contents in bottled natural water and estimation of theirs intakes in Korean adults. FASEB Journal, 2010, 24, 537.8. | 0.5 | 0 |
| 88 | Relationship among Framingham Heart Score, Nutrients and Food Group Intakes in Korean Adults. FASEB Journal, 2011, 25, 991.6. | 0.5 | 0 |
| 89 | A Study on Beverage Consumption of Korean Elementary School Students with Different Obesity Index. FASEB Journal, 2011, 25, lb258. | 0.5 | 0 |
| 90 | Effects of Silicon on Inhibition of Oxidative Stress and Inflammatory Mediator during Bone Metabolism. FASEB Journal, 2012, 26, lb277. | 0.5 | 0 |

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|-----|--|-----|-----------|
| 91 | Daily Intakes of Iron, Zinc and Manganese in Korean Children Aged 6 to 11 Years. FASEB Journal, 2012, 26, 630.17. | 0.5 | 0 |
| 92 | Dietary Silicon Intake of Korean Young Adult Males and its Relation to their Bone Status. FASEB Journal, 2012, 26, . | 0.5 | 0 |
| 93 | Dietary intake ratio of calcium to phosphorus and sodium to potassium are associated with levels of serum lipids in healthy Korean adults. FASEB Journal, 2012, 26, 254.6. | 0.5 | 0 |
| 94 | Analysis of antioxidant activity of silicon in vitro and murine macrophages. FASEB Journal, 2013, 27, 859.1. | 0.5 | 0 |
| 95 | Relationship between Manganese and Copper Intakes and Metabolic Syndrome Diagnostic Components in Korean adults. FASEB Journal, 2013, 27, 634.7. | 0.5 | 0 |
| 96 | A study on the relationship between serum mineral content and Inflammatory markers in Korean young adult males.. FASEB Journal, 2013, 27, 846.3. | 0.5 | 0 |
| 97 | Seven Mineral Intakes and Their Relations with Blood Pressure and Blood Lipids in Healthy Adults with Self-selected Diet. FASEB Journal, 2013, 27, 634.6. | 0.5 | 0 |
| 98 | The preference and intake frequency of processed food among university students by residence type. FASEB Journal, 2015, 29, LB305. | 0.5 | 0 |
| 99 | Silicon intake and its relationship with bone mineral density in healthy Korean adults. FASEB Journal, 2015, 29, 921.7. | 0.5 | 0 |
| 100 | Chromium intake and its relationship with blood glucose in healthy Korean adults. FASEB Journal, 2015, 29, 921.6. | 0.5 | 0 |
| 101 | Comparison of Nutrient Intakes, Serum Minerals and Lipids between Physical Education Major and Non-major Students. Journal of the East Asian Society of Dietary Life, 2015, 25, 417. | 0.6 | 0 |
| 102 | Awareness Survey on Korean Traditional Festival Food of North Korean Defectors Living in South Korea. Journal of the East Asian Society of Dietary Life, 2015, 25, 565. | 0.6 | 0 |
| 103 | Validation of Nutrient Intake Estimation based on One Serving Size. The Korean Journal of Food and Nutrition, 2015, 28, 871-879. | 0.3 | 0 |
| 104 | Chromium intake and its relationship with fasting blood glucose in healthy adults. Trace Elements and Electrolytes, 2015, 32, 204-210. | 0.1 | 0 |
| 105 | Development and application of the sodium index to estimate and assess sodium intake for Korean adults. Nutrition Research and Practice, 2022, 16, 366. | 1.9 | 0 |
| 106 | Response to Letter to the Editor: The Difference in Body Type May Modify the Relationship Between Dietary Mineral Intake and Hypertension Among Korean Adults. Biological Trace Element Research, 0, , . | 3.5 | 0 |