

Contents

Original Research

- Suppression of oxidative stress by grape seed supplementation in rats
Soo-Kyong Choi, Xian-Hua Zhang and Jung-Sook Seo 3
- The effects of *Angelica keiskei* Koidz on the expression of antioxidant enzymes related to lipid profiles in rats fed a high fat diet
Eunmi Kim, Jinho Choi and Ikhyun Yeo 9
- Effect of retrograded rice on weight control, gut function, and lipid concentrations in rats
Ae Wha Ha, Gwi Jung Han and Woo Kyoung Kim 16
- Comparison of the chemical compositions and nutritive values of various pumpkin (*Cucurbitaceae*) species and parts
Mi Young Kim, Eun Jin Kim, Young-Nam Kim, Changsun Choi and Bog-Hieu Lee 21
- Analysis of dietary insoluble and soluble fiber contents in school meal
Dongsoon Shin 28
- The effect of a nutritional education program on the nutritional status of elderly patients in a long-term care hospital in Jeollanamdo province: health behavior, dietary behavior, nutrition risk level and nutrient intake
Bok Hee Kim, Mi-Ju Kim and Yoonna Lee 35
- Vitamin A status of 20- to 59-year-old adults living in Seoul and the metropolitan area, Korea
Sungah Kim, Young-Nam Kim and Youn-Ok Cho 45
- Accuracy of predictive equations for resting energy expenditure (REE) in non-obese and obese Korean children and adolescents
Myung-Hee Kim, Jae-Hee Kim and Eun-Kyung Kim 51
- Breakfast patterns are associated with metabolic syndrome in Korean adults
Chanyang Min, Hwayoung Noh, Yun-Sook Kang, Hea Jin Sim, Hyun Wook Baik, Won O. Song, Jihyun Yoon, Young-Hee Park and Hyojee Joung 61
- Dietary flavan-3-ols intake and metabolic syndrome risk in Korean adults
Yoon Jung Yang, You Jin Kim, Yoon Kyoung Yang, Ji Yeon Kim and Oran Kwon 68
- Interactions between the *FTO* rs9939609 polymorphism, body mass index, and lifestyle-related factors on metabolic syndrome risk
Inkyung Baik and Chol Shin 78
- Sex-specific relationships between alcohol consumption and vitamin D levels: The Korea National Health and Nutrition Examination Survey 2009
Kayoung Lee 86