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Molecular Nutrition

- Selenium deficiency-induced high concentration of reactive oxygen species restricts hypertrophic growth of skeletal muscle in juvenile zebrafish by suppressing TORC1-mediated protein synthesis
Li Wang, Jiaojiao Yin, Chenlei Liao, Rui Cheng, Feifei Chen, Haodong Yu and Xuezhen Zhang 1841

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- The study of bioavailability and endogenous circadian rhythm of menaquinone-7, a form of vitamin K₂, in healthy subjects
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- Effects of preoperative nutritional status on postoperative quality of recovery: a prospective observational study
Yuki Kinugasa, Mitsuru Ida, Shohei Nakatani, Kayo Uyama and Masahiko Kawaguchi 1898

- Habitual fish consumption and healthy lifestyle behaviours may be associated with higher total serum bilirubin level and anti-inflammatory activity: a cross-sectional study
Shigemasa Tani, Wataru Atsumi, Kazuhiro Imatake, Yasuyuki Suzuki, Tsukasa Yagi, Atsuhiko Takahashi, Naoya Matsumoto and Yasuo Okumura 1904

- Investigation of the functions of n-3 very-long-chain PUFAs in skin using *in vivo* Atlantic salmon and *in vitro* human and fish skin models
Martina Torrissen, Elisabeth Ytteborg, Harald Svensen, Iren Stoknes, Astrid Nilsson, Tone-Kari Østbye, Gerd Marit Berge, Marta Bou and Bente Ruyter 1915

Dietary Surveys and Nutritional Epidemiology

- Inverse correlations between serum carotenoids and respiratory morbidity and mortality: the Third National Health and Nutrition Examination Survey
Ruiming Yang, Ziteng Cao, Xin Liu, Mengjie Xiao, Mengyao Li, Yunyan Chen, Luyao Chen, Changhao Sun, Xia Chu, Qiang Ren and Wei Wei 1932

- A simple fruit and vegetable score is a valid tool to assess actual fruit and vegetable intake
Giulia Pastori, Inge D. Brouwer, Edith J. M. Feskens, Le Thi Huong, Folake O. Samuel, Le Thi Thanh Xuan, Olyemisi F. Shittu, Toluwalope E. Eyinla and Elise F. Talsma 1942

- Expansion of an Australian food composition database to estimate plant and animal intakes
Jordan Stanford, Sarah McMahon, Kelly Lambert, Karen E. Charlton and Anita Stefoska-Needham 1950

- Association of fructose consumption with prevalence of functional gastrointestinal disorders manifestations: results from Hellenic National Nutrition and Health Survey (HNNHS)
Theodoros Smiliotopoulos, Antonis Zampelas, George Houliaras, Spiros N. Sgouros, George Michas, George Bamiás, Demosthenes Panagiotakos, Nikolaos Cholongopoulos, George P. Chrousos, Eleftheria Roma and Emmanuella Magriplis 1961

- Maternal magnesium intake and childhood wheezing in offspring at 3 years of age: the Japan Environment and Children's Study
Tsuyoshi Murata, Hyo Kyojuka, Toma Fukuda, Karin Imaizumi, Hirota Isogami, Shun Yasuda, Akiko Yamaguchi, Akiko Sato, Yuka Ogata, Kosei Shinoki, Mitsuaki Hosoya, Seiji Yasumura, Koichi Hashimoto, Hidekazu Nishigori, Keiya Fujimori and The Japan Environment and Children's Study (JECS) Group 1973

- Maternal nutrition during mid-pregnancy and children's body composition at 7 years of age in the SELMA study
Katherine Svensson, Chris Gennings, Lars Hagenäs, Alicja Wolk, Niclas Håkansson, Sverre Wikström and Carl-Gustaf Bornehag 1982

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- Validation of resonance Raman spectroscopy-measured skin carotenoid status as a biomarker for fruit and vegetable intake in Korean adults
Seo-eun Ahn, Sungmo Ahn, Hyeongseok Jang, Kunsun Eom, Yoon Jae Kim, Jeong-Eun Hwang, Ji In Chung, Jin-Young Park, Sunghyun Nam, Yoon-Ho Choi and Hyojee Joung 1993

Behaviour, Appetite and Obesity

- Temporal patterns of energy intake identified by the latent class analysis in relation to prevalence of overweight and obesity in Iranian adults
Ahmad Jayedi, Mahdi Shafiei Neyestanak, Kurosh Djafarian and Sakineh Shab-Bidar 2002

- Effect of an mHealth weight loss intervention on Healthy Eating Index diet quality: the SMARTER randomised controlled trial
Jessica Cheng, Tina Costacou, Susan M. Sereika, Molly B. Conroy, Bambang Parmanto, Bonny Rockette-Wagner, Andrea M. Kriska, Mary Lou Klem and Lora E. Burke 2013

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- Dietary intake of branched-chain amino acids and pancreatic cancer risk in a case-control study from Italy – ERRATUM
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