BRITISH JOURNAL OF NUTRITION, VOLUME 127 - Number 8

Molecular Nutrition
Dietary amylose:amylopectin ratio influences the expression of amino acid transporters and enzyme activities for amino acid metabolism in the gastrointestinal tract of goats
Xiaokang Lu, Chuanheng Zhou, Tao Ran, Junzhen Jiao, Yong Liu, Zhihui Tan, Shaoxun Tang, Jinfie Kang, Jingjing Xie, Liang Chen, Ao Ren, Qiaoxin Ye and Zhikui Kong 1212

Metabolism and Metabolic Studies
Hypothalamic regulation of energy homoeostasis when consuming diets of different energy concentrations: comparison between Tibetan and Small-tailed Han sheep
Xiaoping Jing, Yamin Guo, Allan Degen, Wenjai Wang, Jingping Kang, Luming Ding, Zhanhuang Shang, Ruijun Long and Jiawei Zhou 1132

Developmental Biology
Maternal methionine supplementation in mice affects long-term body weight and locomotor activity of adult female offspring
Vanessa Cavalcante-Silva, Julia Ribeiro da Silva Vallim, Leandro Fernandes, Allan Chiariatti de Oliveira and Vânia D’Almeida 1143

Nutritional Immunology
Effects of olives and their constituents on the expression of ulcerative colitis: a systematic review of randomised controlled trials
Kenneth Daniel, Luis Vitetta and Maria A. Fiatarone Singh 1153
Antiviral and immunological activity of zinc and possible role in COVID-19
Díina de Nascimento Marreiro, Kyria Jayanne Climaco Cruz, Ana Raquel Soares de Oliveira, Jennifer Beatriz Silva Marais, Batânia de Jesus e Silva, Debra Girija Freitas, Stella Rodrigues de Sousa Melo, Larissa Flore dos Santos, Bruna Emanuel Pereira Cardoso and Thaline Milany da Silva Dias 1172

Human and Clinical Nutrition
Beyond probiotic legend: ESSAP gut microbiota health score to delineate SARS-COV-2 infection severity
Mona Hegazy, Omar Ahmed Ashurz, Mohamed Thawat Hegazy, Mahmoud Wahba, Rania M. Lehy, Hoda M. Abdel-Hamid, Samah Ahmed Abd elshafy, Dalia Abdelfatah, Maha Hossam El-Din Ibrahim and Ahmed Abdelghani 1180
Iodine nutrition among the adult population of the Faroe Islands: a population-based study
Herborg Liisejord Jørgensen, Gunnar Sjúrðarson Knudsen, Sigurjón Pál Weihe and Anna Sofía Veyhe 1190
Iron status of full-term infants in early infancy is not associated with maternal ferritin levels nor infant feeding practice
Kate C. Chan, Joseph G. S. Tsun, Albert M. Li and Wing Hung Tam 1198

Dietary Surveys and Nutritional Epidemiology
Nutrition and indoor cycling: a cross-sectional analysis of carbohydrate intake for online racing and training
Andy J. King and Rebecca C. Hall 1204

Consumption of carbonated soft drinks, fruits and vegetables and association with macroeconomic indicators: the analysis of students from seventy-four countries (2003–2015)
Nathalia L. Ferreira, Stephanie Bispo, Rafael M. Claro and Aline C. S. Lopes 1214
Dietary share of ultra-processed foods and its association with vitamin E biomarkers in Brazilian lactating women
Assessment of dietary intake of bioactive food compounds according to income level in the Brazilian population
Renata A. Carnebuva, Flavia M. Sarti, Neusa M.A. Hassimotto and Franco M. Lajolo 1232
Impact of intra-category food substitutions on the risk of type 2 diabetes: a modelling study on the pizza category
Mounifad Adjhade, François Marieth, Pascal Leroy, Isabelle Souchon, Anne Saint-Eve, Gyu Faghrenazzi, Louis-Georges Soler and Jean-François Huneau 1240
Fruit and vegetable consumption before and during pregnancy and developmental delays in offspring aged 2 years in Japan
Yudai Yonezawa, Fumihiko Ueno, Taku Obara, Takahito Yamashita, Mami Ishikuro, Keiki Murakami, Ao Noda, Tomomi Onuma, Junichi Sugawara, Shigeki Suzuki, Hiroki Suganuma and Shinichi Kuriyama 1250

Innovative Techniques
Nutrition Module design in Maintain Your Brain: an internet-based randomised controlled trial to prevent cognitive decline and dementia
A comparison of the remote food photography method and the automated 24-h dietary assessment tool for measuring full-day dietary intake among school-age children
Traci A. Bekelman, Corby K. Martin, Susan L. Johnson, Deborah H. Glueck, Katherine A. Sauder, Kristen Bode, Laura Camila P. Liberalino, Graciela Santacruz and Shinichi Kuriyama 1269

Invited Commentary
Looking back: BMI as a measure of body-fatness: age- and sex-specific prediction formulas. Thirty years later
Jacob C. Seidell 1279

cambridge Journals Online For further information about this journal please go to the journal website at: journals.cambridge.org/bjn