

Directions to Contributors can be found at journals.cambridge.org/bjn

British Journal of Nutrition

Volume 129, 2023 ISSN: 0007-1145

Publishing, Production, Marketing, and Subscription Sales Office:

Cambridge University Press & Assessment
Journals Fulfillment Department
University Printing House, Shaftesbury Road
Cambridge CB2 8EA, UK

For Customers in North America:

Cambridge University Press & Assessment
Journals Fulfillment Department
1 Liberty Plaza
Floor 20
New York, NY 10006
USA

Special sales and supplements:

This Journal accepts relevant advertisements and inserts. We also provide bulk reprints of suitable papers to meet teaching or promotional requirements. The journal also publishes supplements on behalf of academic and corporate collaborators. Please contact Sarah Maddox at the Cambridge address for further details. E-mail: special_sales@cambridge.org

Subscription information:

British Journal of Nutrition is an international journal published by Cambridge University Press on behalf of The Nutrition Society. The twelve issues starting January 2023 comprise Volume 129, the twelve issues starting July 2023 comprise Volume 130.

Annual subscription rates:

Volumes 129/130 (24 issues):
Internet/print package £1810/\$3528
Internet only: £1223/\$2386

Any **supplements** to this journal published in the course of the annual volume are normally supplied to subscribers at no extra charge.

Back volumes are available. Please contact Cambridge University Press for further information.

Claims for non-receipt of journal issues will be considered on their merit and only if the claim is received within six months of publication. Replacement copies supplied after this date will be chargeable.

US POSTMASTERS: please send address corrections to *British Journal of Nutrition*, Cambridge University Press & Assessment, 1 Liberty Plaza, Floor 20, New York, NY 10006, USA.

Directions to Contributors are available from the Society at the address below or can be found on the Society's website at <http://www.nutritionociety.org>.

Offprints: The author (or main author) of an accepted paper will receive a copy of the PDF file of their article. There will be an option to purchase paper offprints, these should be ordered at proof stage. No page charges are levied by this journal.

Copyright: As of 1 July 2000 the copyright of all articles submitted to *British Journal of Nutrition* are retained by the authors or their institutions. For articles prior to this date permission for reproduction of any part of the journal (text, figures, tables or other matter) in any form (on paper, microfiche or electronically) should be sought directly from the Society, at: The Publications Office, The Nutrition Society, 10 Cambridge Court, 210 Shepherds Bush Road, Hammersmith, London W6 7NJ, UK.

Disclaimer: The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable, but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk. Neither the Society nor Cambridge University Press accepts responsibility for any trade advertisement included in this publication.

This journal issue has been printed on FSC™-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

British Journal of Nutrition is covered in Current Contents®/Agriculture, Biology & Environmental Sciences, SciSearch®, Research Alert®, Current Contents®/Life Sciences, Index Medicus® (MEDLINE®), AGRICOLA®, CAB Abstracts™, Global Health, BIOSIS® Database, EMBASE/Excerpta Medica and Elsevier BIOBASE/Current Awareness in Biological Sciences, CINAHL, and Chemical Abstracts Service.

British Journal of Nutrition, published by Cambridge University Press on behalf of the Nutrition Society

Printed and bound by CPI Group (UK) Ltd, Croydon, CR0 4YY

Molecular Nutrition

- J-shaped association between dietary copper intake and all-cause mortality: a prospective cohort study in Chinese adults
Xiaoqin Gan, Panpan He, Chun Zhou, Cheng Zu, Qiguo Meng, Mengyi Liu, Yuan Yuan Zhang, Sisi Yang, Yanjun Zhang, Ziliang Ye, Qimeng Wu, Rui Li, Chengzhang Liu and Xianhui Qin 1841

Metabolism and Metabolic Studies

- Amino acid oxidation methods to determine amino acid requirements: do we require lengthy adaptation periods?
Sylvia Szwiega, Paul B. Pencharz, Ronald O. Ball, Christopher Tomlinson, Rajavel Elango and Glenda Courtney-Martin 1848
- Effect of live yeast supplementation and feeding frequency in male finishing pigs subjected to heat stress
Aira Maye Serviento, Mathieu Castex, David Renaudeau and Etienne Labussière 1855

Nutritional Endocrinology

- Effect of taurine on glycaemic, lipid and inflammatory profile in individuals with type 2 diabetes: study protocol of a randomised trial
Greice Caletti, Monique Vargas Cardoso, Rafael Selbach Scheffel, Beatriz D. Schaana, Rosane Gomez and Patricia Martins Bock 1871

Human and Clinical Nutrition

- Diet therapy along with nutrition education can improve renal function in people with stages 3–4 chronic kidney disease who do not have diabetes: a randomised controlled trial
Maryam Hamidiashirazi, Maryam Shafiee, Maryam Ekramzadeh, Mahsa Torabi Jahromi and Farzad Nikaein 1877
- Role of sarcopenia risk in predicting COVID-19 severity and length of hospital stay in older adults: a prospective cohort study
Elham Sadat Ahmadiani, Shadi Ariyanfar, Mohammadreza Soroush and Soodeh Razeghi Jahromi 1888
- Effects of inulin supplementation on inflammatory biomarkers and clinical symptoms of women with obesity and depression on a calorie-restricted diet: a randomised controlled clinical trial
Elnaz Vaghef-Mehrabani, Roya Harouni, Maryam Behrooz, Fatemeh Ranjbar, Mohammad Asghari-Jafarabadi and Mehrangiz Ebrahimi-Mameghani 1897
- Seasonal variation in vitamin D status of Japanese infants starts to emerge at 2 months of age: a retrospective cohort study
Keigo Takahashi, Takeshi Arimitsu, Kaori Hara-Isono and Kazushige Ikeda 1908
- Dietary Surveys and Nutritional Epidemiology**
- Effect of COVID-19 outbreak on the diet, body weight and food security status of students of higher education: a systematic review
Tony Jehi, Raihan Khan, Reham Halawani and Hildemar Dos Santos 1916
- Triangulating evidence for the causal impact of single-intervention zinc supplement on glycaemic control for type 2 diabetes: systematic review and meta-analysis of randomised controlled trial and two-sample Mendelian randomisation
Zhiyang Wang, Carine Ronsmans and Benjamin Woolf 1929

- Evaluation and interpretation of latent class modelling strategies to characterise dietary trajectories across early life: a longitudinal study from the Southampton Women's Survey
Kathryn V. Dalrymple, Christina Vogel, Keith M. Godfrey, Janis Baird, Mark A. Hanson, Cyrus Cooper, Hazel M. Inskip and Sarah R. Crozier 1945
- Dietary sodium sources according to four 3-d weighed food records and their association with multiple 24-h urinary excretions among middle-aged and elderly Japanese participants in rural areas
Fuyuka Ogawa, Ribeka Takachi, Junko Ishihara, Marina Yamagishi, Sachiko Maruya, Yuri Ishii, Kumiko Kito, Kazutoshi Nakamura, Junta Tanaka, Taiki Yamaji, Hiroyasu Iso, Motoki Iwasaki, Shoichiro Tsugane and Norie Sawada for the JPHC-NEXT Protocol Validation Study Group 1955
- Relative to processed red meat, alternative protein sources are associated with a lower risk of hypertension and diabetes in a prospective cohort of French women
Uyen Thao, Martin Lajous, Nasser Laouali, Gianluca Severi, Marie-Christine Boutron-Ruault and Conor James MacDonald 1964
- Avocado consumption is associated with a reduction in hypertension incidence in Mexican women
Adriana Monge, Dalia Stern, Adrian Cortés-Valencia, Andrés Catzín-Kuhlmann, Martín Lajous and Edgar Denova-Gutiérrez 1976
- Nutritional adequacy of commercial food products targeted at 0–36-month-old children: a study in Brazil and Portugal
Célia Regina Barbosa De Araújo, Karini Freire Rocha, Byanca Carneiro, Karla Danielly da Silva Ribeiro, Inês Lança de Moraes, João Breda, Patricia Padrao and Pedro Moreira 1984
- Body composition and anthropometric indicators as predictors of blood pressure: a cross-sectional study conducted in young Algerian adults
Corinne Colette Dahel-Mekhancha, Marie-Françoise Rolland-Cachera, Jérémie Botton, Rabiaa Karoune, Ibrahim Sersar, Lynda Yagoubi-Benatallah, Ikram Bouldjedj, Abderraouf Benini, Léopold K. Fezeu, Lahcène Nezzal and Djamel-Eddine Mekhancha 1993
- Validation of the Thumbs food classification system as a tool to accurately identify the healthiness of foods
Jasmine Chan, Emma McMahon, Thomas Wycherley, Kylie Howes, Graham Bidstrup and Julie Brimblecombe 2001
- Food and nutrient intakes and compliance with recommendations in school-aged children in Ireland: findings from the National Children's Food Survey II (2017–2018) and changes since 2003–2004.
Laura Kehoe, Maria Buffini, Breige A. McNulty, John M. Kearney, Albert Flynn and Janette Walton 2011

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