

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

British Journal of Nutrition
Volume 132, 2024 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 2024 comprise Volume 131, the twelve issues starting July 2024 comprise Volume 132.

Annual subscription rates:

Volumes 131/132 (24 issues):
Internet/print package £1955/\$3810
Internet only: £1296/\$2529

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

Volume: 132 Number: 10

METABOLISM AND METABOLIC STUDIES

- Renal expression of calcium and phosphorus transporters: contrasting responses to dietary calcium and microbial phytase in broilers and growing pigs
Yixin Hu, Paul Bikker, Wouter H. Hendriks, Marinus M. van Krimpen and Jürgen van Baal 1267
- Amino acid transport dynamics in the jejunum and ileum in rats: a regional and time-course analysis
Kojiro Katsura and Tohru Hira 1278

HUMAN AND CLINICAL NUTRITION

- Effects of daily almond consumption on glycaemia in adults with elevated risk for diabetes: a randomised controlled trial
Li-Chu Huang, Gregory C. Henderson and Richard D. Mattes 1289
- Growth trajectory at 24 months of preterm infants after discharge: a longitudinal study in Indonesia
Rinawati Rohsiswatmo, Hardya Gustada Hikmahrachim, Dinarda Ulf Nadobudskaya, Adhi Teguh Perma Iskandar, Putri Maharani Tristanita Marsubrin, Distyayu Sukarja, Muhamad Azharry Rully Sjahrulla, Ahmad Kautsar, Audesia Alvianita Sutrisno and Rosalina Dewi Roeslani 1300
- Improved gastrointestinal tolerance and iron status via probiotic use in iron deficiency anaemia patients initiating oral iron replacement: a randomised controlled trial
Gokhan Koker, Yasin Sahinturk, Gulhan Ozcelik Koker, Muhammed Ali Coskuner, Merve Eren Durmus, Mehmet Mutlu Catli and Ayhan Hilmi Cekin 1308
- Nutritional interventions in patients with burn injury: an umbrella review of systematic reviews and meta-analyses of randomised clinical trials
Fatemeh Naeini, Sheida Zeraattalab-Motlagh, Mehran Rahimlou, Mahsa Ranjbar, Amirhossein Hemmati, Sajedeh Habibi, Sajjad Moradi and Hamed Mohammadi 1317
- Calcium plus vitamin D supplementation during pregnancy has no impact on postpartum transient longitudinal changes in hip geometry in adolescent mothers: a secondary analysis of a randomised controlled trial
Verônica Rached, Maria Eduarda L. Diogenes, Marise Crivelli, Carmen M. Donangelo and Flávia F. Bezerra 1325
- Nutritional quality of proteins from two beef co-products as determined in the growing pig
Rozenn Le Foll, Françoise Nau, Yann Le Gouar, Gwénaële Henry, Séverine Chevalier, Arlette Leduc, Pascaline Hamon, Catherine Guérin-Dubiard, Xavier Lambert, Valérie Lechevalier and Amélie Deglaire 1334

DIETARY SURVEYS AND NUTRITIONAL EPIDEMIOLOGY

- Causal association of folic acid supplementary therapy and gastric ulcer: a Mendelian randomisation study
Fuhao Li, Fengming Huang, Yulong Tang, Fan Zhang, Hao Jiang, Jun Chen and Bin Lv 1348
- Is an antioxidant-rich or a pro-inflammatory diet during pregnancy associated with allergic and respiratory multimorbidity in children from the ELFE birth cohort?
Rosalie Delvert, Courtney Dow, Marie-Aline Charles, Karine Adel-Patient, Amandine Divaret-Chauveau, Marie-Noëlle Dufourg, Bénédicte Leynaert, Chantal Raheison, Raphaëlle Varraso, Blandine de Lauzon-Guillain and Annabelle Bédard 1356
- Exploring the reporting, intake and recommendations of primary food sources of whole grains globally: a scoping review
Elissa J. Price, Eden M. Barrett, Marijka J. Batterham and Eleanor J. Beck 1365
- Associations between nutrition literacy and possible sarcopenia among older adults in Bengbu, China
Jing Du, Yan Cui, Ling Yang, Yuhui Sun, Xi Tian, Xiaoting Hu and Huaqing Liu 1377
- The joint effect of vitamin-D status and tobacco exposure on overweight and obesity in children
Yanyan Lin, Gulan Zeng and Yanyan Sun 1386
- Are food and beverage purchases reflective of dietary intake? Validity of supermarket purchases as indicator of diet quality in the Supreme Nudge Trial
Chiara Colizzi, Josine M. Stuber, Yvonne T. van der Schouw and Joline W. J. Beulens 1394

BEHAVIOUR, APPETITE AND OBESITY

- Obesity and risk for liver disease: a two-sample Mendelian randomisation study
Wen An, Jing Luo, Zhe Yu, Mengqi Li, Herui Wei, Aqian Song, Yuanpeng Mao, Hao Bian, Lingling He, Fan Xiao and Hongshan Wei 1403