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

British Journal of Nutrition

Volume 122, 2019 ISSN: 0007-1145

Publishing, Production, Marketing, and Subscription Sales Office:

Cambridge University Press Journals Fulfillment Department UPH, Shaftesbury Road Cambridge CB2 8BS, UK

For Customers in North America:

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

Publisher: Cambridge University Press

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 2019 comprise Volume 121, the twelve issues starting July 2019 comprise Volume 122.

Annual subscription rates:

Volumes 121/122 (24 issues): Internet/print package £1550/\$3021 Internet only: £1077/\$2100

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, 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.nutritionsociety.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 is printed on acid-free paper from renewable sources. Printed in the UK by Bell & Bain Ltd., Glasgow.

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 TM, Global Health, BIOSIS® Database, EMBASE/Excerpta Medica and Elsevier BIOBASE/Current Awareness in Biological Sciences, CINAHL, and Chemical Abstracts Service.

BRITISH JOURNAL OF NUTRITION, VOLUME 122 - Number 1

Transglycosylated starch accelerated intestinal transit and enhanced bacterial fermentation in the large intestine using a pig model	
Barbara U. Metzler-Zebeli, Monica A. Newman, Andrea Ladinig, Wolfgang Kandler, Dietmar Grüll and Qendrim Zebeli	
Metabolism and Metabolic Studies	
Egg white hydrolysate enhances insulin sensitivity in high-fat diet-induced insulin-resistant rats via Akt activation F. Jahandideh, S. C. de Campos Zani, M. Son, S. D. Proctor, S. T. Davidge, C. B. Chan and J. Wu	14
Long-chain PUFA profiles in parental diets induce long-term effects on growth, fatty acid profiles, expression of fatty acid desaturase 2 and selected immune system-related genes in the offspring of gilthead seabream	
Serhat Turkmen, Carmen M. Hernández-Cruz, María J. Zamorano, Hipólito Fernández-Palacios, Daniel Montero, Juan M. Afonso and Marisol Izquierdo	2
Human and Clinical Nutrition	
Prediction model for the efficacy of folic acid therapy on hyperhomocysteinaemia based on genetic risk score methods Binghui Du, Chengda Zhang, Limin Yue, Bingnan Ren, Qinglin Zhao, Dankang Li, Yuanhong He and Weidong Zhang	39
Oxylipin concentration, but not fatty acid composition, is altered in human donor milk pasteurised using both thermal and non-thermal techniques Michael A. Pitino, Shoug M. Alashmali, Kathryn E. Hopperton, Sharon	
Unger, Yves Pouliot, Alain Doyen, Deborah L. O'Connor and Richard P. Bazinet	4
Does infusion time affect the retention of parenteral trace elements? Suzie Ferrie	5
Dietary Surveys and Nutritional Epidemiology	
Association between an individual dietary index based on the British Food Standard Agency Nutrient Profiling System and asthma symptoms	

Development of a nutrient quality score for the complementary diets of Indonesian infants and relationships with linear growth and stunting: a longitudinal analysis Jillian J. Haszard, Aly Diana, Lisa Daniels, Lisa A. Houghton and Rosalind S. Gibson	71
Dietary intake in patients with peripheral arterial disease and concomitant periodontal disease and concomitant periodontal disease Anja Horina, Behrouz Arefnia, Gernot Wimmer, Marianne Brodmann, Harald Mangge, Robert Gasser, Sandra Holasek, Franz Quehenberger and Gerald Seinost	78
Intake of $lpha$ -linolenic acid is not consistently associated with a lower risk of peripheral artery disease: results from a Danish cohort study Christian S. Bork, Anne N. Lasota, Søren Lundbye-Christensen, Marianne U. Jakobsen, Anne Tjønneland, Philip C. Calder, Erik B. Schmidt and Kim Overvad	86
Association of diet quality and physical activity with healthy ageing in the French NutriNet-Santé cohort Karen E. Assmann, Moufidath Adjibade, Solia Adriouch, Valentina A. Andreeva, Chantal Julia, Serge Hercberg, Pilar Galan and Emmanuelle Kesse-Guyot	93
A case—control study on dietary quality indices and glioma Omid Sadeghi, Mehdi Shayanfar, Minoo Mohammad-Shirazi, Giuve Sharifi and Ahmad Esmaillzadeh	103
Behaviour, Appetite and Obesity	
Do socio-demographic and anthropometric characteristics predict food choice motives in an Irish working population?	
Désirée Schliemann, Jayne V. Woodside, Fiona Geaney, Chris Cardwell, Michelle C. McKinley and Ivan Perry	111
Letter to the Editor	
Milk intake and risk of colorectal cancer Tomoyuki Kawada	120

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







