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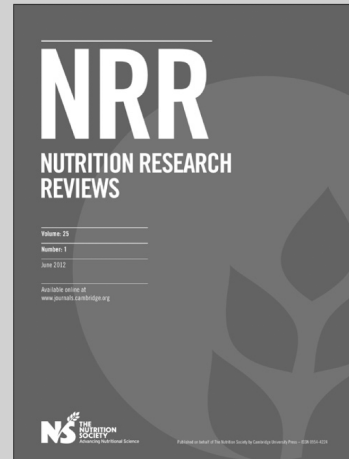
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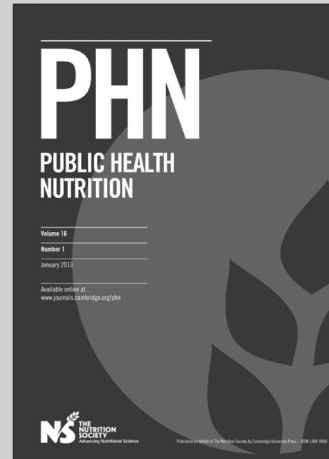
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Molecular Nutrition

- Betaine alleviates hepatic lipid accumulation via enhancing hepatic lipid export and fatty acid oxidation in rats fed with a high-fat diet.
L. Xu, D. Huang, Q. Hu, J. Wu, Y. Wang & J. Feng 1835–1843
- The flavone apigenin blocks nuclear translocation of sterol regulatory element-binding protein-2 in the hepatic cells WRL-68.
T. Y. Wong, S.-M. Lin & L. K. Leung 1844–1852

Metabolism and Metabolic Studies

- Inflammatory and metabolic responses to high-fat meals with and without dairy products in men.
A. Schmid, N. Petry, B. Walther, U. Bütikofer, W. Luginbühl, D. Gille, M. Chollet, P. G. McTernan, M. A. M. Gijs, N. Vionnet, F. P. Pralong, K. Laederach & G. Vergères 1853–1861
- Abnormalities in *myo*-inositol metabolism associated with type 2 diabetes in mice fed a high-fat diet: benefits of a dietary *myo*-inositol supplementation.
M. L. Croze, A. Géloën & C. O. Soulage 1862–1875
- Influence of the forms and levels of dietary selenium on antioxidant status and oxidative stress-related parameters in rainbow trout (*Oncorhynchus mykiss*) fry.
S. Fontagné-Dicharry, S. Godin, H. Liu, P. A. J. Prabhu, B. Bouyssière, M. Bueno, P. Tacon, F. Médale & S. J. Kaushik 1876–1887
- In vitro* selenium accessibility in pet foods is affected by diet composition and type.
M. van Zelst, M. Hesta, L. G. Alexander, K. Gray, G. Bosch, W. H. Hendriks, G. Du Laing, B. De Meulenaer, K. Goethals & G. P. J. Janssens 1888–1894
- Intake of indigestible carbohydrates influences IgA response and polymeric Ig receptor expression in the rat submandibular gland
Y. Yamamoto, M. To, T. Hayashi, T. Shimizu, Y. Kamata, J. Saruta, T. Takahashi & K. Tsukinoki 1895–1902

Developmental Biology

- Placental amino acid transport may be regulated by maternal vitamin D and vitamin D-binding protein: results from the Southampton Women's Survey.
J. K. Cleal, P. E. Day, C. L. Simner, S. J. Barton, P. A. Mahon, H. M. Inskip, K. M. Godfrey, M. A. Hanson, C. Cooper, R. M. Lewis, N. C. Harvey & the SWS Study Group 1903–1910

Nutritional Immunology

- Cytokine and growth factor profiling in patients with the metabolic syndrome.
S. R. Mirhafez, A. Pasdar, A. Avan, H. Esmaily, A. Moezzi, M. Mohebbati, Z. Meshkat, H. Mehrad-Majid, S. Eslami, H. R. Rahimi, H. Ghazavi, G. A. Ferns & M. Ghayour-Mobarhan 1911–1919

Human and Clinical Nutrition

- The role of multicomponent therapy in the metabolic syndrome, inflammation and cardiovascular risk in obese adolescents.
D. C. L. Masquio, A. de Piano, R. M. S. Campos, P. L. Sanches, J. Carnier, F. C. Corgosinho, B. D. M. Netto, J. P. Carvalho-Ferreira, L. M. Oyama, C. M. O. Nascimento, M. T. de Mello, S. Tufik & A. R. Dâmaso 1920–1930
- Postprandial glycaemic response: how is it influenced by characteristics of cereal products?
A. Meynier, A. Goux, F. Atkinson, O. Brack & S. Vinoy 1931–1939
- Low postoperative dietary intake is associated with worse functional course in geriatric patients up to 6 months after hip fracture.
S. Goisser, E. Schrader, K. Singler, T. Bertsch, O. Gefeller, R. Biber, H.-J. Bail, C. C. Sieber & D. Volkert 1940–1950

Dietary Surveys and Nutritional Epidemiology

- Eating out is different from eating at home among individuals who occasionally eat out. A cross-sectional study among middle-aged adults from eleven European countries.
A. Naska, M. Katsoulis, P. Orfanos, C. Lachat, K. Gedrich, S. S. P. Rodrigues, H. Freisling, P. Kolsteren, D. Engeset, C. Lopes, I. Elmadafa, A. Wendt, S. Knüppel, A. Turrini, R. Tumino, M. C. Ocké, W. Sekula, L. M. Nilsson, T. Key & A. Trichopoulou on behalf of the HECTOR Consortium 1951–1964
- Folate status and concentrations of serum folate forms in the US population: National Health and Nutrition Examination Survey 2011–2.
C. M. Pfeiffer, M. R. Sternberg, Z. Fazili, D. A. Lacher, M. Zhang, C. L. Johnson, H. C. Hamner, R. L. Bailey, J. I. Rader, S. Yamini, R. J. Berry & E. A. Yetley 1965–1977
- Dietary patterns and their associations with childhood obesity in China.
J. Zhang, H. Wang, Y. Wang, H. Xue, Z. Wang, W. Du, C. Su, J. Zhang, H. Jiang, F. Zhai & B. Zhang 1978–1984
- Maternal iron status in early pregnancy and birth outcomes: insights from the Baby's Vascular health and Iron in Pregnancy study.
N. A. Alwan, J. E. Cade, H. J. McArdle, D. C. Greenwood, H. E. Hayes & N. A. B. Simpson 1985–1992
- Determinants of dietary supplement use – healthy individuals use dietary supplements.
C. L. F. Kofoed, J. Christensen, L. O. Dragsted, A. Tjønneland & N. Roswall 1993–2000

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