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Lipid peroxidation, prostacyclin and thromboxane A₂ in pigs depleted of vitamin E and selenium and supplemented with linseed oil. 74, 369, 1995

Effect of magnesium deficiency on triacylglycerolrich lipoprotein and tissue susceptibility to peroxidation in relation to vitamin E content.

74, 849, 1995

Wax esters

Do minke whales (Balaenoptera acutorostrata) digest wax esters? 74, 717, 1995

Weaning foods

Measurement of starch digestion of naturally ¹⁸C-enriched weaning foods, before and after partial digestion with amylase-rich flour, using a ¹³C breath test. **74**, 531, 1995

White bread

Digestive adaptations of rats given white bread and cooked haricot beans (*Phaseolus vulgaris*): largebowel fermentation and digestion of complex carbohydrates. 74, 393, 1995

Zinc

A stable isotope study of zinc kinetics in Irish setters with gluten-sensitive enteropathy. 74, 69, 1995

Zinc absorption in adult humans: the effect of iron fortification. 74, 417, 1995