

## CONTENTS

### Food Technology

#### Alexander G. Shleikin, Yaroslav V. Medvedev

Role of peroxidation and heme catalysis in coloration of raw meat ..... 123

#### Hamid Reza Gheisari, Khadijeh H. Abhari

Drying method effects on the antioxidant activity of quince (*Cydonia oblonga* Miller) tea ..... 129

#### Katarzyna Waszkowiak, Krystyna Szymandera-Buszka, Marzanna Hęś

Effect of ethanolic flax (*Linum usitatissimum* L.) extracts on lipid oxidation and changes in nutritive value of frozen-stored meat products ..... 135

#### Paula Kuźma, Beata Drużyńska, Mieczysław Obiedziński

Optimization of extraction conditions of some polyphenolic compounds from parsley leaves (*Petroselinum crispum*) ..... 145

#### Wei Liu, Chun-Li Zhou, Jing Zhao, Dong Chen, Quan-Hong Li

Optimized microwave-assisted extraction of 6-gingerol from *Zingiber officinale* Roscoe and evaluation of antioxidant activity *in vitro* ..... 155

#### Lee Suan Chua, Nur Ardawati Adnan

Biochemical and nutritional components of selected honey samples ..... 169

#### Jerzy Dziuba, Iwona Szerszunowicz, Dorota Nałęcz, Marta Dziuba

Proteomic analysis of albumin and globulin fractions of pea (*Pisum sativum* L.) seeds ..... 181

### Human Nutrition

#### Semih Ötles, Selin Ozgoz

Health effects of dietary fiber ..... 191

#### Katarzyna Przybylowicz, Mariusz Przybylowicz, Marek Grzybiak, Katarzyna Janiszewska

Effects of physical activity during pregnancy and gestational weight gain on the nutritional status of newborns in Warmińsko-Mazurskie voivodeship ..... 203

#### Anna Winiarska-Mieczan

Assessment of the risk of exposure to cadmium and lead as a result of the consumption of low-fat dairy products by expectant and lactating women ..... 213