

## INDEX OF VOLUME 33

**Review articles**

BOZ H.: Ferulic acid in cereals – a review .....	1
BOZ H.: Phenolic amides (avenanthramides) in oats – a review .....	399
ESKICIOGLU V., KAMILOGLU S., NILUFER-ERDIL D.: Antioxidant dietary fibres: Potential functional food ingredients from plant processing by-products – a review .....	487
GADHIYA D., PATEL A., PRAJAPATI J.B.: Current trend and future prospective of functional probiotic milk chocolates and related products – a review .....	295
PEZESHK S., OJAGH S.M., ALISHAHI A.: Effect of plant antioxidant and antimicrobial compounds on the shelf-life of seafood – a review .....	195

**Original scientific papers**

ALEIXANDRE-TUDÓ J.L., ALVAREZ I., GARCÍA M.J., LIZAMA V., ALEIXANDRE J.L.: Application of multivariate regression methods to predict sensory quality of red wines .....	217
AULICKY R., STEJSKAL V., DLOUHY M., LISKOVA J.: Validation of hydrogen cyanide fumigation in flourmills to control the confused flour beetle .....	174
BAIANO A., VIGGIANI I., TERRACONE C., ROMANIELLO R., DEL NOBILE M.A.: Physical and sensory properties of bread enriched with phenolic aqueous extracts from vegetable wastes .....	247
BÉNES I., FURDÍKOVÁ K., ŠMOGROVIČOVÁ D.: Influence of <i>Saccharomyces cerevisiae</i> strain on the profile of volatile organic compounds of blossom honey mead .....	334
BENINATI C., REICH F., MUSCOLINO D., GIARRATANA F., PANEBIANCO A., KLEIN G., ATANASSOVA V.: ESBL-producing bacteria and MRSA isolated from poultry and turkey products imported from Italy .....	97
BLAŽEKOVÁ L., POLAKOVIČOVÁ P., MIKUŠOVÁ L., KUKUROVÁ K., SAXA V., CIESAROVÁ Z., ŠTURDÍK E.: Development of innovative health beneficial bread using a fermented fibre-glucan product .....	118
BOROWSKI J., NARWOJSZ J., BOROWSKA E.J., MAJEWSKA K.: The effect of thermal processing on sensory properties, texture attributes, and pectic changes in broccoli .....	254
BUCHTOVÁ H., DORDEVIĆ Đ., KOČÁREK S., CHOMÁT P.: Analysis of chemical and sensory parameters in different kinds of escolar ( <i>Lepidocybium flavobrunneum</i> ) products .....	346
BUDIĆ-LETO I., HUMAR I., ZDUNIĆ G., HRIBAR J., ZLATIC E.: Volatile compounds in Prošek dessert wines produced from white and red grapes .....	354
CASANOVA F.P., BEVILACQUA A., PETRUZZI L., SINIGAGLIA M., CORBO M.R.: Fermentative activity of promising yeasts for cereal-based beverages using CO <sub>2</sub> headspace analysis .....	8
ČERMÁK P., PALEČKOVÁ V., HOUŠKA M., STROHALM J., NOVOTNÁ P., MIKYŠKA A., JURKOVÁ M., SIKOROVÁ M.: Inhibitory effects of fresh hops on <i>Helicobacter pylori</i> strains .....	302
CHANG R.-CH., LI CH.-Y., SHIAU S.-Y.: Physico-chemical and sensory properties of bread enriched with lemon pomace fiber .....	180
CRUZ ALEXANDRE E.M., ABREU RODRIGUES I.M.M., SARAIVA J.M.A.: Influence of thermal and pressure treatments on inhibition of potato tubers sprouting .....	524
DANIŞMAN G., ARSLAN E., TOKLUCU A.K.: Kinetic analysis of anthocyanin degradation and polymeric colour formation in grape juice during heating .....	103
DEĞIRMENCI KARATAŞ D., AYDIN E., AYDIN I., KARATAŞ H.: Elemental composition of red wines in Southeast Turkey .....	228
DITRYCH M., KORDIALIK-BOGACKA E., CZYŻOWSKA A.: Antiradical and reducing potential of commercial beers .....	261

DONG Y., QI G., YANG Z., WANG H., WANG S., CHEN G.: Preparation, separation and antioxidant properties of hydrolysates derived from <i>Grifola frondosa</i> protein .....	500
DOYMAZ I., KIPCAK A.S., PISKIN S.: Characteristics of thin-layer infrared drying of green bean .....	83
DOYMAZ I., KIPCAK A.S., PISKIN S.: Microwave drying of green bean slices: drying kinetics and physical quality .....	367
DOZIO E., BARASSI A., RAVELLI A., ANGELI I., LODI F., MELZI D'ERIL G.V., CORSI ROMANELLI M.M.: The "Breme" red onion: effects of home-storage methods on quercetin and quercetin-glycoside contents .....	405
DZIEDZIC K., GÓRECKA D., MARQUES A., RUDZIŃSKA M., PODOLSKA G.: Content of phytosterols in raw and roasted buckwheat groats and by-products .....	424
FADDA C., FENU P.A.M., USAI G., DEL CARO A., DIEZ Y.M., SANGUINETTI A.M., PIGA A.: Antioxidant activity and sensory changes of strawberry tree fruits during cold storage and shelf life .....	531
FILIP V., KYSELKA J., HRADKOVÁ I., BERČIKOVÁ M., CIHELKOVÁ M.: A versatile apparatus for the bench scale bleaching and deodorsation of vegetable oils .....	537
FIORITO S., EPIFANO F., TADDEO V.A., GENOVESE S.: Oxyprenylated ferulic acid derivatives in Italian citrus liqueurs .....	237
GALANAKIS CH.M., KOTANIDIS A., DIANELLOU M., GEKAS V.: Phenolic content and antioxidant capacity of Cypriot wines .....	126
GAVIGLIO A., PIRANI A.: Consumer perception of cured pork meats: the added value of the organic attribute .....	32
GURAN H.S., OKSUZTEPE G., COBAN O.E., INCILI G.K.: Influence of different essential oils on refrigerated fish patties produced from bonito fish ( <i>Sarda sarda</i> Bloch, 1793) .....	37
HIRI A., DE LUCA M., IOELE G., BALOUKI A., BASBASSI M., KZAIBER F., OUSSAMA A., RAGNO G.: Chemometric classification of citrus juices of Moroccan cultivars by infrared spectroscopy .....	137
HLADÍKOVÁ Z., KEJLOVÁ K., SOSNOVCOVÁ J., JÍROVÁ D., VAVROUŠ A., JANOUŠEK A., SYČOVÁ M., ŠPELINA V.: Microbial contamination of paper-based food contact materials with different contents of recycled fiber .....	308
HORÁČKOVÁ Š., MÜHLHANSOVÁ A., SLUKOVÁ M., SCHULZOVÁ V., PLOCKOVÁ M.: Fermentation of soymilk by yoghurt and bifidobacteria strains .....	313
HOUHOULA D., DIMITRIOU P., MENGJEZI G., KYRANA V., LOUGOVOIS V.: Quantification of parvalbumin in commercially important Mediterranean seafood species using real time PCR .....	143
HOUHOULA D.P., LAGOU K., VARVARESOU M., GIANNAKOUROU M., BRATAKOS S. M., LOUGOVOIS V., TSAKNIS J., KOUSSISSIS S.: Food safety and label claims for hazelnut allergy traces: evaluation of two PCR assays .....	410
HRUŠKOVÁ M., ŠVEC I.: Cookie making potential of composite flour containing wheat, barley and hemp .....	545
HUSSAIN S.: Native rice starch and linseed gum blends: Effect on the pasting, thermal and rheological properties .....	556
IM H.J., YOON K.Y.: Production and characterisation of alcohol-insoluble dietary fibre as a potential source for functional carbohydrates produced by enzymatic depolymerisation of buckwheat hulls .....	449
KABAN G., BAYRAK D.: The effects of using turkey meat on qualitative properties of heat-treated sucuk .....	377
KACZMAREK A., CEGIJSKA-RADZIEJEWSKA R., SZABLEWSKI T., ZABIELSKI J.: TBARS and microbial growth predicative models of pork sausage stored at different temperatures .....	320
KARAKOSE A., SANLI S., SANLI N., BULDUK I.: Evaluation of patulin in commercial baby foods by solid phase extraction and liquid chromatography PDA detection .....	52
KAŠPAR L., BUCHTOVÁ H.: Sensory evaluation of sausages with various proportions of <i>Cyprinus carpio</i> meat .....	45
LANDFELD A., TRÍSKA J., BALÍK J., STROHALM J., NOVOTNÁ P., VRCHOTOVÁ N., TOTUŠEK J., LEFNEROVÁ D., HÍC P., TOMÁNKOVÁ E., HALAMA R., HOUŠKA M.: Influence of UV and ozonised water treatment on <i>trans</i> -resveratrol content in berry skins and juices of Franc and Green Veltliner grapes .....	267

LI Y., ZHANG J., LIU H.-G., JIN H., WANG Y.-Z., LI T.: Discrimination of storage periods for <i>Macroclybe gigantea</i> (Masse) using UV spectral fingerprints .....	441
MAGALA M., KOHAJDOVÁ Z., KAROVIČOVÁ J., GREIFOVÁ M., HOJEROVÁ J.: Application of lactic acid bacteria for production of fermented beverages based on rice flour .....	458
MICHLOVÁ T., DRAGOUNOVÁ H., HORNÍČKOVÁ Š., HEJTMÁNKOVÁ A.: Factors influencing the content of vitamins A and E in sheep and goat milk .....	58
NOUSKA CH., MANTZOURANI I., ALEXOPOULOS A., BEZIRTZOGLU E., BEKATOROU A., AKRIDA-DEMERTZI K., DEMERTZIS P., PLESSAS S.: <i>Saccharomyces cerevisiae</i> and kefir production using waste pomegranate juice, molasses, and whey .....	277
PAULA F.J.A., GUINÉ R.P.F., CRUZ-LOPES L., DUARTE A.C., FRAGATA A.O.S., REIS M.A.L.: Effects of pre- and post-harvest factors on the selected elements contents in fruit juices .....	384
PAVEL J., VACULOVÁ K., FALTUSOVÁ Z., KUČERA L., SEDLÁČKOVÁ I., TVARŮŽEK L., OVESNÁ J.: Effect of fungicide treatment on <i>Fusarium culmorum</i> and <i>Tri</i> genes transcription in barley malt .....	326
PINHO C., SOARES M.T., ALMEIDA I.F., AGUIAR A.A.R.M., MANSILHA C., FERREIRA I.M.PL.V.O.: Impact of freezing on flavonoids/radical-scavenging activity of two onion varieties .....	340
POREDA A., ZDANIEWICZ M., STERCZYŃSKA M., JAKUBOWSKI M., PUCHALSKI C.: Effects of wort clarifying by using carrageenan on diatomaceous earth dosage for beer filtration .....	392
RÉBLOVÁ Z., SOUČKOVÁ Š., FIŠNAR J., KOPLÍK R.: Prooxidant capacity of thermoxidised plant oils .....	416
REN J., SONG CH., WANG P., LI S., KOPPARAPU N., ZHENG X.: Modification of structural and functional properties of sunflower 11S globulin hydrolysates .....	474
SADEGHINEZHAD J., HAJIMOHAMMADI B., IZADI F., YARMAHMOUDI F., LATORRE R.: Evaluation of the morphologic method for the detection of animal and herbal content in minced meat .....	564
SALANȚĂ L.C., TOFANĂ M., SOCACI S., MUDURA E., FĂRCAȘ A., POP C., POP A., ODAGIU A.: Characterisation of hop varieties grown in Romania based on their contents of bitter acids by HPLC in combination with chemometrics approach .....	148
ŠÁLKOVÁ D., HES A.: Gluten-free food – the influence of selected qualitative characteristics on consumer decision making of coeliacs in hospitality establishments .....	513
SAMPELS S., ZAJÍC T., MRÁZ J.: Increasing the omega-3 content of traditional meat products by the addition of an underutilised by-product from fish processing .....	431
SEDLÁČKOVÁ L., JARKOVSKÝ J., KALINA J., POLESZCZUK G., SVOBODOVÁ Z.: A negative correlation between mercury content in muscle and body weight in carp from uncontaminated ponds .....	204
SEDLÁČKOVÁ P., HORÁČKOVÁ Š., SHI T., KOSOVÁ M., PLOCKOVÁ M.: Two different methods for screening of bile salt hydrolase activity in <i>Lactobacillus</i> strains .....	13
ŠEVCECH J., VICENOVÁ L., FURDÍKOVÁ K., MALÍK F.: Influence of thermal treatment on polyphenol extraction of wine cv. André .....	91
SHANG Y.-J., LIU B.-Y., ZHAO M.-M.: Details of the antioxidant mechanism of hydroxycinnamic acids .....	210
SHILING L., CAIHONG J., XINGLIAN X., CHENGJIAN X., KAIXIONG L., RUIHUA S.: Improved screening procedure for biogenic amine production by lactic acid bacteria and <i>Enterobacteria</i> .....	19
SIDI SÉIBOU T.M., RYCHTERA M., MELZUCH K.: Cassava roots: perspectives of a traditional staple for bio-solvents production .....	186
SLUKOVÁ M., KUBÍN M., HORÁČKOVÁ Š., PŘÍHODA J.: Application of amylographic method for determination of the staling of bakery products .....	507
SUCHÁNKOVÁ M., KAPOUNOVÁ Z., DOFKOVÁ M., RUPRICH J., BLAHOVÁ J., KOUŘILOVÁ I.: Selected fruits and vegetables: comparison of nutritional value and affordability .....	242
ŠVEC I., HRUŠKOVÁ M.: Characteristics of wheat, barley and hemp model composites .....	66
TÉTHAL J., BAROŇ M., SOTOLÁŘ R., AILER S., SOCHOR J.: Effect of grapevine rootstocks on qualitative parameters of the Cerason variety .....	570

---

URŠULIN-TRSTENJAK N., LEVANIĆ D., PRIMORAC L., BOŠNIR J., VAHČIĆ N., ŠARIĆ G.: Mineral profile of Croatian honey and differences due to its geographical origin .....	156
VÁCLAVÍKOVÁ E., KVASNIČKA F.: Quality control of chondroitin sulphate used in dietary supplements .....	165
VONDRÁKOVÁ L., PURKRTOVÁ S., PÁZLAROVÁ J., DEMNEROVÁ K.: Species differentiation of thermotolerant <i>Campylobacters</i> based on distinctive banding patterns obtained by multiplex PCR .....	27
VU D.L., ERTEK B., DILGIN Y., ČERVENKA L.: Voltammetric determination of tannic acid in beverages using pencil graphite electrode .....	72
WANG C., XU F., LI D., ZHANG M.: Physico-chemical and structural properties of four rice bran protein fractions based on the multiple solvent extraction method .....	283
XU J., HUANG F., LI Y., CHEN Z., WANG Y.: Rapid detection of total nitrogen content in soy sauce using NIR spectroscopy .....	518
YANG Q., XIAO Z., ZHAO Y., LIU CH.-J., XU Y., BAI J.-K.: Effect of extrusion treatment on the thermal stability and structure of corn starch with different emulsifiers .....	464
ZHANG X., SHAO X.: Characterisation of polyphenol oxidase and peroxidase and the role in browning of loquat fruit .....	109
ZHAO Y.-L., ZHU L.-L., SUN Y., ZHOU D.-Q.: Determination of fluoride in Antarctic krill ( <i>Euphausia superba</i> ) using ion chromatography and its pretreatments selection .....	77
ZIELIŃSKA-DAWIDZIAK M., GÓRECKA P., PIASECKA-KWIATKOWSKA D.: Immunoreactivity of selected wines commercially available in Poland .....	361
ŽITNÝ R., LANDFELD A., SKOČILAS J., STANCL J., FLEGL V., ZACHARIÁŠOVÁ M., JÍRŮ M., HOUŠKA M.: Hydraulic characteristic of collagen .....	479

## AUTHORS INDEX

**A**

ABREU RODRIGUES I.M.M. ... 524  
 AGUIAR A.A.R.M. ... 340  
 AILER S. ... 570  
 AKRIDA-DEMERTZI K. ... 277  
 ALEIXANDRE J.L. ... 217  
 ALEIXANDRE-TUDÓ J.L. ... 217  
 ALEXOPOULOS A. ... 277  
 ALISHAHI A. ... 195  
 ALMEIDA I.F. ... 340  
 ALVAREZ I. ... 217  
 ANGELI I. ... 405  
 ARSLAN E. ... 103  
 ATANASSOVA V. ... 97  
 AULICKY R. ... 174  
 AYDIN F. ... 228  
 AYDIN I. ... 228

**B**

BAIANO A. ... 247  
 BAI J.-K. ... 464  
 BALÍK J. ... 267  
 BALOUKI A. ... 137  
 BARASSI A. ... 405  
 BAROŇ M. ... 570  
 BASSBASI M. ... 137  
 BAYRAK D. ... 377  
 BEKATOROU A. ... 277  
 BÉNES I. ... 334  
 BENINATI C. ... 97  
 BERČIKOVÁ M. ... 537  
 BEVILACQUA A. ... 8  
 BEZIRTZOGLOU E. ... 277  
 BLAHOVÁ J. ... 242  
 BLAŽEKOVÁ L. ... 118  
 BOROWSKA E.J. ... 254  
 BOROWSKI J. ... 254  
 BOŠNIR J. ... 156  
 BOZ H. ... 1, 399  
 BRATAKOS S.M. ... 410  
 BUDIĆ-LETO I. ... 354  
 BUCHTOVÁ H. ... 45, 346  
 BULDUK I. ... 52

**C**

CAIHONG J. ... 19  
 CASANOVA F.P. ... 8  
 CEGIELSKA-RADZIEJEWSKA R. ... 320  
 ČERMÁK P. ... 302  
 ČERVENKA L. ... 72

CHANG R.-CH. ... 180  
 CHEN G. ... 500  
 CHENGJIAN X. ... 19  
 CHEN Z. ... 518  
 CHOMÁT P. ... 346  
 CIESAROVÁ Z. ... 118  
 CIHELKOVÁ M. ... 537  
 COBAN O.E. ... 37  
 CORBO M.R. ... 8  
 CORSI ROMANELLI M.M. ... 405  
 CRUZ ALEXANDRE E.M. ... 524  
 CRUZ-LOPES L. ... 384  
 CZYŻOWSKA A. ... 261

**D**

DANIŞMAN G. ... 103  
 DEĞİRMENCİ KARATAŞ D. ... 228  
 DEL CARO A. ... 531  
 DEL NOBILE M.A. ... 247  
 DE LUCA M. ... 137  
 DEMERTZIS P. ... 277  
 DEMNEROVÁ K. ... 27  
 DIANELLOU M. ... 126  
 DIEZ Y.M. ... 531  
 DILGIN Y. ... 72  
 DIMITRIOU P. ... 143  
 DITRYCH M. ... 261  
 DLOUHY M. ... 174  
 DOFKOVÁ M. ... 242  
 DONG Y. ... 500  
 ĐORĐEVIĆ Đ. ... 346  
 DOYMAZ I. ... 83, 367  
 DOZIO E. ... 405  
 DRAGONOVÁ H. ... 58  
 DUARTE A.C. ... 384  
 DZIEDZIC K. ... 424

**E**

EPIFANO F. ... 237  
 ERTEK B. ... 72  
 ESKICIOGLU V. ... 487

**F**

FADDA C. ... 531  
 FALTUSOVÁ Z. ... 326  
 FÄRÇAŞ A. ... 148  
 FENU P.A.M. ... 531  
 FERREIRA I.M.P.L.V.O. ... 340  
 FILIP V. ... 537  
 FIORITO S. ... 237

FIŠNAR J. ... 416  
FLEGL V. ... 479  
FRAGATA A.O.S. ... 384  
FURDÍKOVÁ K. ... 91, 334

## G

GADHIYA D. ... 295  
GALANAKIS CH.M. ... 126  
GARCÍA M.J. ... 217  
GAVIGLIO A. ... 32  
GEKAS V. ... 126  
GENOVESE S. ... 237  
GIANNAKOUROU M. ... 410  
GIARRATANA F. ... 97  
GÓRECKA D. ... 424  
GÓRECKA P. ... 361  
GREIFOVÁ M. ... 458  
GUINÉ R.P.F. ... 384  
GURAN H.S. ... 37

## H

HAJIMOHAMMADI B. ... 564  
HALAMA R. ... 267  
HEJTMÁNKOVÁ A. ... 58  
HES A. ... 513  
Híc P. ... 267  
HIRRI A. ... 137  
HLADÍKOVÁ Z. ... 308  
HOJEROVÁ J. ... 458  
HORÁČKOVÁ Š. ... 13, 313, 507  
HORNÍČKOVÁ Š. ... 58  
HOUHOULA D.P. ... 143, 410  
HOUŠKA M. ... 267, 302, 479  
HRADKOVÁ I. ... 537  
HRIBAR J. ... 354  
HRUŠKOVÁ M. ... 66, 545  
HUANG F. ... 518  
HUMAR I. ... 354  
HUSSAIN S. ... 556

## I

IM H.J. ... 449  
INCILI G.K. ... 37  
IOELE G. ... 137  
IZADI F. ... 564

## J

JAKUBOWSKI M. ... 392  
Janoušek A. ... 308  
JARKOVSKÝ J. ... 204  
JIN H. ... 441  
JÍROVÁ D. ... 308  
JÍRŮ M. ... 479  
JURKOVÁ M. ... 302

## K

KABAN G. ... 377  
KACZMAREK A. ... 320  
KAIXIONG L. ... 19  
KALINA J. ... 204  
KAMILOGLU S. ... 487  
KAPOUNOVÁ Z. ... 242  
KARAKOSE A. ... 52  
KARATAŞ H. ... 228  
KAROVIČOVÁ J. ... 458  
KAŠPAR L. ... 45  
KEJLOVÁ K. ... 308  
KIPCAK A.S. ... 83, 367  
KLEIN G. ... 97  
KOČÁREK S. ... 346  
KOHAJDOVÁ Z. ... 458  
KOPLÍK R. ... 416  
KOPPARAPU N.-K. ... 474  
KORDIALIK-BOGACKA E. ... 261  
KOSOVÁ M. ... 13  
KOTANIDIS A. ... 126  
KOUŘILOVÁ I. ... 242  
KOUSSISSIS S. ... 410  
KUBÍN M. ... 507  
KUČERA L. ... 326  
KUKUROVÁ K. ... 118  
KVASNIČKA F. ... 165  
KYRANA V. ... 143  
KYSELKA J. ... 537  
KZAIBER F. ... 137

## L

LAGOU K. ... 410  
LANDFELD A. ... 267, 479  
LATORRE R. ... 564  
LEFNEROVÁ D. ... 267  
LEVANIĆ D. ... 156  
LI CH.-Y. ... 180  
LI D. ... 283  
LI S. ... 474  
LI T. ... 441  
LI Y. ... 441, 518  
LISKOVA J. ... 174  
LIU B.-Y. ... 210  
LIU CH.-J. ... 464  
LIU H.-G. ... 441  
LIZAMA V. ... 217  
LODI F. ... 405  
LOUGOVOIS V. ... 143, 410

## M

MAGALA M. ... 458  
MAJEWSKA K. ... 254

MALÍK F. ... 91  
 MANSILHA C. ... 340  
 MANTZOURANI I. ... 277  
 MARQUES A. ... 424  
 MELZI D'ERIL G.V. ... 405  
 MELZUCH K. ... 186  
 MENGJEZI G. ... 143  
 MICHLOVÁ T. ... 58  
 MIKUŠOVÁ L. ... 118  
 MIKYŠKA A. ... 302  
 MRÁZ J. ... 431  
 MUDURA E. ... 148  
 MÜHLHANSOVÁ A. ... 313  
 MUSCOLINO D. ... 97

**N**

NARWOJSZ J. ... 254  
 NILUFER-ERDIL D. ... 487  
 NOUSKA CH. ... 277  
 NOVOTNÁ P. ... 267, 302

**O**

ODAGIU A. ... 148  
 OJAGH S.M. ... 195  
 OKSUZTEPE G. ... 37  
 OUSSAMA A. ... 137  
 OVESNÁ J. ... 326

**P**

PALEČKOVÁ V. ... 302  
 PANEBIANCO A. ... 97  
 PATEL A. ... 295  
 PAULA F.J.A. ... 384  
 PAVEL J. ... 326  
 PAZLAROVÁ J. ... 27  
 PETRUZZI L. ... 8  
 PEZESHK S. ... 195  
 PIASECKA-KWIATKOWSKA D. ... 361  
 PIGA A. ... 531  
 PINHO C. ... 340  
 PIRANI A. ... 32  
 PISKIN S. ... 83, 367  
 PLESSAS S. ... 277  
 PLOCKOVÁ M. ... 13, 313  
 PODOLSKA G. ... 424  
 POLAKOVIČOVÁ P. ... 118  
 POLESZCZUK G. ... 204  
 POP A. ... 148  
 POP C. ... 148  
 POREDA A. ... 392  
 PRAJAPATI J.B. ... 295  
 PRIMORAC L. ... 156  
 PŘÍHODA J. ... 507  
 PUCHALSKI C. ... 392

PURKRTOVÁ S. ... 27

**Q**

QI G. ... 500

**R**

RAGNO G. ... 137  
 RAVELLI A. ... 405  
 RÉBLOVÁ Z. ... 416  
 REICH F. ... 97  
 REIS M.A.L. ... 384  
 REN J. ... 474  
 ROMANIELLO R. ... 247  
 RUDZIŃSKA M. ... 424  
 RUIHUA S. ... 19  
 RUPRICH J. ... 242  
 RYCHTERA M. ... 186

**S**

SADEGHINEZHAD J. ... 564  
 SALANŢĂ L.C. ... 148  
 ŠÁLKOVÁ D. ... 513  
 SAMPELS S. ... 431  
 SANGUINETTI A.M. ... 531  
 SANLI N. ... 52  
 SANLI S. ... 52  
 SARAIVA J.M.A. ... 524  
 ŠARIĆ G. ... 156  
 SAXA V. ... 118  
 SEDLÁČKOVÁ I. ... 326  
 SEDLÁČKOVÁ L. ... 204  
 SEDLÁČKOVÁ P. ... 13  
 ŠEVCECH J. ... 91  
 SHANG Y.-J. ... 210  
 SHAO X. ... 109  
 SHI T. ... 13  
 SHIAU S.-Y. ... 180  
 SHILING L. ... 19  
 SCHULZOVÁ V. ... 313  
 SIDI SÉIBOU T.M. ... 186  
 SIKOROVÁ M. ... 302  
 SINIGAGLIA M. ... 8  
 SKOČILAS J. ... 479  
 SLUKOVÁ M. ... 313, 507  
 ŠMOGROVIČOVÁ D. ... 334  
 SOARES M.T. ... 340  
 SOCACI S. ... 148  
 SOCHOR J. ... 570  
 SONG CH.-L. ... 474  
 SOSNOVCOVÁ J. ... 308  
 SOTOLÁŘ R. ... 570  
 SOUČKOVÁ Š. ... 416  
 ŠPELINA V. ... 308  
 ŠTANCL J. ... 479

STEJSKAL V. ... 174  
STERCZYŃSKA M. ... 392  
STROHALM J. ... 267, 302  
ŠTURDÍK E. ... 118  
SUCHÁNKOVÁ M. ... 242  
SUN Y. ... 77  
ŠVEC I. ... 66, 545  
SVOBODOVÁ Z. ... 204  
SYČOVÁ M. ... 308  
SZABLEWSKI T. ... 320

**T**

TADDEO V.A. ... 237  
TERRACONE C. ... 247  
TÉTHAL J. ... 570  
TOFANĀ M. ... 148  
TOKLUCU A.K. ... 103  
TOMÁNKOVÁ E. ... 267  
TOTUŠEK J. ... 267  
TRÍSKA J. ... 267  
TSAKNIS J. ... 410  
TVARŮŽEK L. ... 326

**U**

URŠULIN-TRSTENJAK N. ... 156  
USAI G. ... 531

**V**

VÁCLAVÍKOVÁ E. ... 165  
VACULOVÁ K. ... 326  
VAHČIĆ N. ... 156  
VARVARESOU M. ... 410  
VAVROUŠ A. ... 308  
VELÍŠEK J. ... 294  
VICENOVÁ L. ... 91  
VIGGIANI I. ... 247  
VONDRÁKOVÁ L. ... 27  
VRCHOTOVÁ N. ... 267  
VU D.L. ... 72

**W**

WANG CH. ... 283  
WANG H. ... 500  
WANG P. ... 474  
WANG S. ... 500  
WANG Y. ... 518  
WANG Y.-Z. ... 441

**X**

XIAO Z.-G. ... 464  
XINGLIAN X. ... 19  
XU F. ... 283  
XU J. ... 518  
XU Y. ... 464

**Y**

YANG Q.-Y. ... 464  
YANG Z. ... 500  
YARMAHMOUDI F. ... 564  
YOON K.Y. ... 449

**Z**

ZABIELSKI J. ... 320  
ZACHARIÁŠOVÁ M. ... 479  
ZAJÍC T. ... 431  
ZDANIEWICZ M. ... 392  
ZDUNIĆ G. ... 354  
ZHANG J. ... 441  
ZHANG M. ... 283  
ZHANG X. ... 109  
ZHAO M.-M. ... 210  
ZHAO Y. ... 464  
ZHAO Y.-L. ... 77  
ZHENG X.-Q. ... 474  
ZHOU D.-Q. ... 77  
ZHU L.-L. ... 77  
ZIELIŃSKA-DAWIDZIAK M. ... 361  
ŽITNÝ R. ... 479  
ZLATIC E. ... 354



## AUTHOR INSTITUTIONS INDEX

### CANADA

University of Alberta, Edmonton ..... 13

### CROATIA

Dr. Andrija Štampar Institute of Public Health, Zagreb ..... 156

Institute for Adriatic Crops and Karst Reclamation, Split ..... 354

University North, University Centre Varaždin, Varaždin ..... 156

University of Osijek, Faculty of Food Technology, Osijek ..... 156

### CYPRUS

Cyprus University of Technology, Department of Agricultural Sciences, Biotechnology  
and Food Science, Lemesos ..... 126

### CZECH REPUBLIC

Agrotest Fyto, Ltd., Kroměříž ..... 326

Academy of Sciences, Global Change Research Centre, České Budějovice ..... 267

Dairy Research Institute Ltd., Prague ..... 58

Devro Ltd., Jilemnice-Hrabačov ..... 479

Crop Research Institute, Prague-Ruzyně

    Division of Crop Genetics and Breeding ..... 326

    Division of Crop Management System ..... 174

Czech Technical University Prague, Faculty of Mechanical Engineering, Prague ..... 479

Czech University of Life Sciences Prague, Prague

    Faculty of Agrobiology, Food and Natural Resources ..... 58

    Faculty of Economics and Management ..... 513

Food Research Institute Prague, Prague ..... 267, 302, 479

Institute of Aquaculture, University of South Bohemia in Ceske Budejovice, České Budějovice ..... 431

Lucebni zavody Draslovka a.s., Kolín ..... 174

Masaryk University, Brno ..... 267

    Faculty of Medicine ..... 267

    Faculty of Science ..... 204

Mendel University in Brno, Brno ..... 267, 570

MILLBA-CZECH, Ústí nad Labem ..... 507

National Institute of Public Health, Center for Health, Nutrition and Food, Brno ..... 242

National Institute of Public Health, Centre of Toxicology and Health Safety, Prague ..... 308

PLC, Research Institute of Brewing and Malting, Prague ..... 302

Raps-CZ, s.r.o., Prague-Ruzyně ..... 346

Sealed Air s.r.o. CRYOVAC<sup>®</sup>, Prague ..... 346

Thomayer's Hospital, Prague ..... 302

University Hospital Hradec Králové, Biomedical Research Center, Hradec Králové ..... 72

University of Chemistry and Technology Prague, Faculty of Food and Biochemical Technology,  
Prague ..... 13, 27, 66, 165, 186, 302, 313, 416, 479, 507, 537

University of Pardubice, Faculty of Chemical Technology, Pardubice ..... 72

University of Veterinary and Pharmaceutical Sciences Brno, Faculty of Veterinary Hygiene and Ecology, Brno .....	45, 204, 242, 346
---	-------------------

**GERMANY**

Stiftung Tierärztliche Hochschule Hannover, Institut für Lebensmittelqualität und -sicherheit, Hannover ....	97
--	----

**GREECE**

Democritus University of Thrace, Faculty of Agriculture Development, Orestiada .....	277
Galanakis Laboratories, Department of Research & Innovation, Chania .....	126
Technological Educational Institute of Athens, Faculty of Food Technology and Nutrition, Athens .....	143, 410
University of Crete, Department of Chemistry, Iraklio .....	126
University of Ioannina, Department of Chemistry, Ioannina .....	277
University of Patras, Patras .....	277

**INDIA**

Anand Agricultural University, SMC College of Dairy Science, Anand .....	295
Mansinhbhai Institute of Dairy and Food Technology-MIDFT, Mehsan .....	295

**IRAN**

Gorgan University of Agricultural Sciences & Natural Resources, Faculty of Fisheries and Environmental Sciences, Gorgan .....	195
Shahid Sadoughi University of Medical Sciences, Research Center for Molecular Identification of Food Hazards, Yazd .....	564
University of Tehran, Faculty of Veterinary Medicine, Tehran .....	564

**ITALY**

“G. d’Annunzio” University of Chieti-Pescara, Faculty of Pharmacy, Chieti Scalo .....	237
I.R.C.C.S. Policlinico San Donato, Department of Health Services of Diagnosis and Treatment-Laboratory Medicine, Milan .....	405
University of Bologna, Department of Medical and Surgical Science, Bologna .....	564
University of Calabria, Department of Pharmacy, Health and Nutritional Sciences, Arcavacata di Rende (CS) .....	137
University of Foggia, Department of the Science of Agriculture, Food and Environment, Foggia .....	8, 247
University of Messina, Department of Veterinary Science, Messina .....	97
University of Milan, Milano .....	32, 405
University of Sassari, Department of Agriculture, Sassari .....	531

**MOROCCO**

University Sultan Moulay Slimane, Faculty of Sciences and Techniques, Beni-Mallat .....	137
---	-----

**P.R. CHINA**

Beijing Technology and Business University, College of Food Science, Beijing .....	283
China Pharmaceutical University, Department of Food Quality and Safety, Nanjing .....	500
Chinese Academy of Fishery Sciences, Yellow Sea Fisheries Research Institute, Qingdao .....	77
Heilongjiang Bayi Agricultural University, College of Food Science, Daqing .....	283
Jinan University, Guangzhou	
Department of Food Science and Engineering .....	518
Department of Opto-Electronic Engineering .....	518
Lanzhou Jiaotong University, School of Chemical and Biological Engineering, Lanzhou .....	210
Nanjing Agricultural University, College of Food Science and Technology, Nanjing .....	19

Ningbo University, Department of Food Science and Engineering, Ningbo, .....	109
Northeast Agricultural University, College of Food Science, Harbin .....	283, 464
Oiqihar University, Qiqihar	
Food and Bioengineering College .....	464
College of Food and Bioengineering .....	474
Shanghai Ocean University, College of Food Science and Technology, Shanghai .....	77
Shihezi University, College of Food Science, Shihezi .....	19
Yunnan Academy of Agricultural Sciences, Institute of Medicinal Plants, Kunming .....	441
Yunnan Agricultural University, College of Food Science and Technology, Kunming .....	441
Yunnan University of Traditional Chinese Medicine, College of Traditional Chinese Medicine, Kunming ...	441
Yuxi Normal University, College of Resources and Environment, Yuxi .....	441

**POLAND**

Koszalin University of Technology, Department of Food Industry Processes and Facilities, Koszalin .....	392
Lodz University of Technology, Faculty of Biotechnology and Food Sciences, Lodz .....	261
Poznan University of Life Sciences, Poznań	
Department of Food Service and Catering .....	424
Faculty of Food Science and Nutrition .....	320, 361
Institute of Food Technology .....	424
Poznan University of Medical Sciences, Department of Pediatric Gastroenterology and Metabolic Diseases .....	424
State Research Institute, Institute of Soil Science and Plant Cultivation, Puławy .....	424
State University of Applied Sciences, Faculty of Physical Education, Konin .....	424
Szczecin University, Faculty of Natural Sciences, Szczecin .....	204
University of Rzeszów, Department of Bioenergy Technology, Rzeszów .....	392
University of Warmia and Mazury, Faculty of Food Science, Olsztyn .....	254
University of Agriculture in Krakow, Department of Fermentation Technology and Technical Microbiology, Krakow .....	392

**PORTUGAL**

University of Porto, Porto	
Faculty of Pharmacy .....	340
Faculty of Science .....	340
LAQV-REQUIMTE .....	340
National Institute of Health Doutor Ricardo Jorge, Porto .....	340
Polytechnic Institute of Castelo Branco, Agricultural College, Castelo Branco .....	424
Polytechnic Institute of Coimbra, College of Agriculture, Coimbra .....	524
Polytechnic Institute of Viseu, Viseu .....	384
R.Ed.A.M. Coimbra, URFIC, S.A., Tondela .....	384
University of Aveiro, Department of Chemistry & CESAM, Aveiro .....	384, 524

**REPUBLIC OF KOREA**

Yeungnam University, Department of Food and Nutrition, Gyeongsan .....	449
--	-----

**ROMANIA**

University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca	
Faculty of Agriculture .....	148
Faculty of Food Science and Technology .....	148

**SAUDI ARABIA**

King Saud University, Department of Food Science &amp; Nutrition, Riyadh ..... 556

**SLOVAK REPUBLIC**National Reference Centre and Laboratory for material and articles intended to come into contact  
with food, Regional Public Health Authority in Poprad, Poprad ..... 308

Slovak University of Agriculture in Nitra, Faculty of Horticulture and Landscape Engineering, Nitra ..... 570

Slovak University of Technology in Bratislava, Bratislava ..... 91, 118, 334, 458

STUVITAL Ltd., Bratislava ..... 118

University of SS. Cyril and Methodius in Trnava, Faculty of Natural Sciences, Trnava ..... 118

VUP Food Research Institute, Bratislava ..... 118

**SLOVENIA**

University of Ljubljana, Biotechnical Faculty, Ljubljana ..... 354

**SPAIN**

Polytechnic University of Valencia, Food Technology Department, Valencia ..... 217

**TAIWAN ROC**

Tajen University, Department of Food Science and Technology, Pingtung ..... 180

**TURKEY**

Atatürk University, Erzurum

Faculty of Agriculture ..... 377, 399

Faculty of Tourism ..... 1

Çanakkale Onsekiz Mart University, Çanakkale

Faculty of Engineering ..... 103

Science and Art Faculty ..... 72

Çorum Regional Directorate, Turkish Standards Institution, Çorum ..... 52

Dicle University, Diyarbakir

Faculty of Agriculture ..... 228

Faculty of Medicinal ..... 228

Faculty of Veterinary Medicine ..... 37

Fırat University, Elazig

Faculty of Fisheries ..... 37

Faculty of Veterinary Medicine, and Technology ..... 37

Istanbul Technical University, Faculty of Chemical and Metallurgical Engineering, Istanbul ..... 487

Uşak University, Faculty of Science and Arts, Uşak ..... 52

Yıldız Technical University, Istanbul

Department of Chemical Engineering ..... 367

Faculty of Arts and Science ..... 83

**USA**

Rutgers University, Department of Food Science, New Brunswick ..... 500