

Summary

A. Research papers.....	1109
Life Sciences and Technology	1111
Bartoň Stanislav, Červinka Jan, Pospíšil Jiří: Stability Modelling of Boom Mover by the Maple Program	1113
Binar Tomáš, Švarc Jiří, Rolc Stanislav, Dostál Petr, Šustr Michal: The Use of Resistant Glass in Special Agricultural Machinery and the Logistic Support Depending on Operating Temperatures	1121
Božík Matěj, Nový Pavel, Klouček Pavel: Chemical Composition and Antimicrobial Activity of Cinnamon, Thyme, Oregano and Clove Essential Oils Against Plant Pathogenic Bacteria.....	1129
Hanuš Oto, Falta Daniel, Klimešová Marcela, Samková Eva, Říha Jan, Chládek Gustav, Roubal Petr, Seydllová Růžena, Jedelská Radoslava, Kopecký Jaroslav: Analyse of Relationships Between Some Milk Indicators of Cow Energy Metabolism and Ketosis State	1135
Hanuš Oto, Roubal Petr, Kučera Josef, Klimešová Marcela, Jedelská Radoslava, Kopecký Jaroslav: Somatic Cell Count and Milk Yield Losses in Goats	1149
Horecká Eliška, Horecký Čeněk, Knoll Aleš: Standardization of Methodology for Polymorphism Detection in ASIP, MC1R and MATP Genes in Relation to Colour in Horses	1161
Hrudová Eva, Šafránková Ivana: <i>Plodia interpunctella</i> (Hübner, 1813) and <i>Nemapogon granellus</i> (Linnaeus, 1758) – uncommon pests on stored garlic (<i>Allium sativum</i> L.) in the Czech Republic.....	1167
Jablonský Ivan, Koudela Martin, Novotný david: Comparing Treatment Methods of Apple Tree Chips in Terms of Mycelia Growth of Oyster Mushroom (<i>Pleurotus Ostreatus</i> (Jacq.) P. Kumm)	1175
Jančula Daniel, Zezulka Štěpán, Došek Michal, Beklová Miroslava, Havelková Barbora, Maršálek Blahoslav: Digestate and Fugate – Fertilizers with Ecotoxicological Risks	1183
Kamanová Vendula, Hadaš Zdeněk, Nevrkla Pavel: Production and Quality of Semen in Boars in Insemination Centre	1189
Kučera Jakub, Hlavsa Tomáš: Agricultural land evaluation considering the Czech Less Favoured Areas delineation.....	1195
Kučera Marián, Aleš Zdeněk, Mareček, Jan, Máčhal Pavel: Effect of Contamination on the Lifetime of Hydraulic Oils and Systems	1205
Kulhánková Zora: Villa Kratochvíle as an Example of an Italian Garden in the Czech Lands	1213
Lošák Tomáš, Hlušek Jaroslav, Lampartová Ivana, Mühlbachová Gabriela, Čermák Pavel: Changes in the Soil Magnesium and Sulphur Content after Kieserite Application into Haplic Luvisol and the Effect on Yields of Barley Biomass	1225
Mareš Lukáš, Řezeníčková Pavla, Seifried Jakub, Mareš Jan, Malý Ondřej: Monitoring of Aquatic Biota in Intensive Fish Farming System.....	1231
Mészáros Martin, Laňar Ludek, Sus Josef, Náměstek Jan: Comparison of Two Training Methods Applied to Apple Trees Trained to Slender Spindle During the First Years After Planting.....	1241
Nevrkla Pavel, Hadaš Zdeněk, Horký Pavel: Effect of Minimal Disease in a Herd on Reproductive Parameters of Sows	1247
Novotný David, Brožová Jana, Růžičková Pavla, Sus Josef, Koudela Martin, Jablonský Ivan: Comparison Strawberry Field Production and Occurrence of Grey Mould at Strawberry Growing on System with Addition of Apple Tree Woody Chips	1253
Senze Magdalena, Kowalska-Górska Monika, Pokorný Przemysław, Kruszynski Wojciech: Bioaccumulation of Heavy Metals in Hydromacrophytes from Five Coastal Lakes (North-Western Poland, Baltic Sea)	1265
Surovcová Kamila, Košulič Ondřej, Hula Vladimír: Epigaeic Spiders from Lowland Oak Woodlands in the South Moravia Region (Czech Republic).....	1279
Švarc Jiří, Binar Tomáš, Dostál Petr, Černý Michal, Tippner Jan: The Influence of Corrosion Attack on Grey Cast Iron Brittleness-Fracture Behaviour and its Impact on the Material Life Cycle.....	1295
Toušová Renáta, Ducháček Jaromír, Staněk Stanislav, Piáček Martin, Stádník Ludek, Gašparík Matúš, Ryba Ondřej: Influence of Legs and Udder Evaluation on Longevity and Selected Milk Production Parameters in Czech Fleckvieh and Montbeliarde Cattle.....	1303
Začal Jaroslav, Dostál Petr, Šustr Michal, Dobrocký David: Acoustic Emission During Tensile Testing of Composite Materials.....	1309

Začal Jaroslav, Dostál Petr, Šustr Michal, Dobrocký David: Monitoring of Changes Signal Acoustic Emission Signals Using Waveguides	1317
Economic and Social Sciences, Informatics.....	1323
Abrahámek Patrik: Importance of the Debt-Adjusted Real Exchange Rate in the Eurozone and V4.....	1325
Coufalová Lucie, Žídek Libor: Is Czech Export still Biased towards the Eastern Markets?	1339
Hýblová Eva, Kolčavová Alena: The Consequences of "Options" in the Directive 2013/34/EU of the European Parliament and of the Council on the Financial Statements	1349
Kassem Edward, Trenz Oldřich, Hřebíček Jiří, Faldík Oldřich: Sustainability Assessment and Reporting in Agriculture Sector.....	1359
Kočišová Kristína, Palečková Iveta: The Super-efficiency Model and its Use for Ranking and Identification of Outliers	1371
Maličká Lenka: The Role of Immovable Property Taxes in the EU Countries – Taxes on Land, Buildings and Other Structure in Sub-national Tax Revenues under the Conditions of Tax Decentralization ..	1383
Melnikovová Lea: Can Game Theory Help to Mitigate Water Conflicts in the Syrdarya Basin?	1393
Melnyk Olha, Sroka Włodzimierz, Adamiv Marta, Shpak Yurii: Information Diagnostic Support of Enterprise Under the Conditions of Uncertainty	1403
Rybová Jarmila: Convergence of Eu Member States in the Field of Excise Duties in the Period 2000–2015.....	1415
Špírková Daniela, Stehlíková Beata, Zúbková Mária: The Impact of the Housing Quality on the Socio-Economic Standard of the EU Countries	1425
Svatošová Veronika: Identification of Financial Strategy in Small and Medium-sized Entrepreneurship	1435