

**CONTENTS:**

- 1. SUCROSE COOLING CRYSTALLIZATION MODELLING** 109 - 114  
*Valeriy MYRONCHUK, Oxana YESHCENKO, Maryna SAMILYK*
- 2. INFORMATION TECHNOLOGY IN DESIGNING HIGH-PERFORMANCE EQUIPMENT FOR BIOMASS COMPACTING** 115 - 122  
*Dmitro Viktorovich RINDYUK, Svyatoslav Yuriyovich LEMENTAR*
- 3. ANTIMICROBIAL ACTIVITY OF THE PROBIOTIC STRAIN LACTOBACILLUS DELBRUECKII SSP. BULGARICUS GB OF HUMAN ORIGIN AGAINST PATHOGENS** 123 - 129  
*Rositsa DENKOVA, Zapryana DENKOVA, Velichka YANAKIEVA, Svetla ILIEVA*
- 4. RESEARCHES REGARDING DEVELOPMENT BODY AND CUTTING REPORTS AT ONCORHYNCHUS MYKISS SPECIES** 130 - 134  
*Gabriel Vasile HOHA, Ionut Bogdan PAGU, Catalin Emilian NISTOR, Emanuel MÁGDICI, Benone PÁSÁRIN*
- 5. CHANGES OF SOME DEHYDROGENASE ACTIVITIES IN THE LEAVES OF PEACH CULTIVAR SPRINGCREST NATURALLY INFECTED WITH THE FUNGUS TAPHRINA DEFORMANS** 135 - 142  
*Rodica CIOBANU*
- 6. ANTIOXIDANT ACTIVITY OF SOME ESSENTIAL OILS** 143 - 147  
*Sonia AMARIEI (GUTT), Simona CIORNEI (ȘTEFĂROI), Elena SĂNDULEAC (TODOSI)*
- 7. PRUSSIAN BLUE BASED SCREEN PRINTED BIOSENSORS WITH IMPROVED CHARACTERISTICS OF LONG TERM AND pH STABILITY** 148 - 155  
*Florentina HUȚANU, Maria MARCU, Gheorghe GUTT*
- 8. COMPARATIVE STUDY OF OXIDATIVE STABILITY FOR DIFFERENT TYPES OF VEGETABLE OILS** 156 - 160  
*Sonia AMARIEI (GUTT), Elena SĂNDULEAC (TODOSI), Simona CIORNEI (ȘTEFĂROI)*
- 9. SOME CHEMICAL ASPECTS DURING WHITE CABBAGE PICKLING PROCESS** 161 - 168  
*Marcel AVRAMIUC*
- 10. ESTIMATION OF BIOCHEMICAL PROPERTIES OF WALNUTS FROM THE REGION OF SUCEAVA - ROMANIA** 169 - 175  
*Ana LEAHU, Cristina DAMIAN, Mircea OROIAN, Cristina - Elena HREȚCANU*
- 11. STATISTICAL STUDY OF THE DEPENDENCE BETWEEN CONCENTRATION OF METALLIC ELEMENTS MIGRATED FROM STAINLESS STEEL GRADE AISI321 AND WORKING PARAMETERS** 176 - 185  
*Silviu-Gabriel STROE, Gheorghe GUTT*

- 12. LACTIC ACID PRODUCTION BY BACTERIA ISOLATED FROM RHIZOSPHERIC SOIL OF DAHLIA TUBERS** 186 - 191  
*Octavian BASTON, Octavian BARNA*
- 13. AN INTERDISCIPLINARY APPROACH ON THE INFLUENCE OF PACKAGING DESIGN ON EMOTIONAL RESPONSE TO CHOCOLATE** 192 – 206  
*Alice-Iuliana ROȘU, Cristina-Elena HREȚCANU, Ana LEAHU*
- 14. CONTRIBUTIONS TO THE DEVELOPMENT OF THE MATERIAL BALANCE OF MIGRATION PROCESS OF METAL IONS FROM THE AISI304 STAINLESS STEEL IN ACETIC ACID SOLUTIONS** 207 - 213  
*Silviu-Gabriel STROE, Gheorghe GUTT, Maria POROCH-SERIȚAN*
- 15. Author instructions** i - v
- 16. Subscription information** vi