

CONTENTS:

1. **Doina MIHĂILĂ**, The quality of the Siret river in Siret section - Similarities and differences of the results obtained for the samples collected in comon by the Romanian and Ukrainian 5
2. **Micșunica RUSU , Rodica SEGAL**, Improving the antioxidizing capacity of catering products by adding spices. 13
3. **Sergey BORUK, Igor WINKLER, Sonia GUTT**, Interparticle interaction in the diluted aqueous suspensions of hydro-mica 19
4. **Traian ZAHARESCU, Silviu JIPA**, Qualification of polypropylene/calcium carbonate nanocomposites to radiation degradation. 25
5. **Maria POROCH-SERIȚAN, Gheorghe GUTT, Traian SEVERIN, Silviu-Gabriel STROE**, Synthesis and characterization of electrodeposited Ni–W alloys with different levels of tungsten content. 31
6. **Rodica ROTAR**, Study on identifying butter faking by substitution with pork fat or with margarine. 40
7. **Marcel AVRAMIUC**, The influence of refrigeration time and of sugar addition on ascorbic acid content in some natural juices. 46
8. **Mircea-Adrian OROIAN, , Gheorghe GUTT**, Effect of potato starch and agar on the rheological behaviour of tomato ketchup. 50
9. **Cristina-Elena HREȚCANU, Ciprian-Ionel HREȚCANU**, A linear programming model for a diet problem. 56
10. **Violeta VASILACHE**, Studies regarding the efficiency of a direct methanol fuel cell (DMFC). 64
11. **Sonia GUTT , Georg GUTT, Mariana MAZAREANU**, Study on the content of zearalenone from wheat and derivatives. 68
12. **Danela MURARIU, M. MURARIU, I. GONTARIU**, „*On farm*” conservation of some maize races in Bucovina. 73
13. **Cristina-Elena HREȚCANU, Alice ROȘU, Silviu-Gabriel STROE, Ana LEAHU**, Some aspects regarding the diversity of food culture and its influence on consumers’ attitudes 79
14. **Author instructions** 85