

Contents

Food technology	166
<i>Olena Hrabovska, Oleksandra Danylevych, Andriy Gordienko</i> Employing starch cryogenic structures for quercetine encapsulation	166
<i>Oksana Lugovska, Vasiliy Sydor</i> Influence particle size of emulsions on quality and stability of beverages	171
<i>Ruslan Maksyutov, Elena Solovieva, Alexander Mamtsev, Valery Kozlov</i> Technology development of kumis functional drink	175
<i>Galina Simakhina, Nataliia Naumenko, Svitlana Khalapsina</i> Studying the phase transitions “Water – ice” in plant raw materials	181
<i>Sergiy Ivanov, Vasyl Pasichnyi, Valentyn Olishevskiy, Andriy Marynin, Iryna Tymoshenko</i> Use of mineral additives in the production of meat products	188
<i>Maxim Maslikov, Galina Policshuk</i> Unit for food’s temperature control during their refrigeration	194
<i>Hanna Pastukh, Julia Grytsay, Yevhen Hrabovskiy</i> Research on the ways of the pectin extraction from the potatoes	199
<i>Oksana Topchiy, Eugen Kotlyar</i> Vegetable oils utilization in the recipes of meat pates	204
<i>Svitlana Olyanska, Vita Tsirulnikova</i> Chemical reagents for intensification of diffusion juice purification	209
<i>Olexandr Lysyi, Vitaliy Pichkur, Olena Zapotocka, Olena Hrabovska, Volodymyr Kovbasa, Yelyzaveta Smirnova</i> Effect of hydrocolloids on the stability of fruit fillings	217
Processes and equipment of food productions	223
<i>Liudmyla Melnyk, Zynoviy Melnyk, Volodymyr Kryvorotko</i> Methods of recovering schungite’s adsorptive properties after processing red beet juice	223
<i>Viktor Guts, Manyefa Ivanova</i> Research consistency of disperse systems by gravitational penetration method	228
<i>Larissa Zotkina, Georgii Verkhola, Natalia Tkachuk</i> Calculation of geometrical parameters of the cossettes scalders	235
<i>Oleksandr Shevchenko, Oleg Bondar, Volodymyr Pidubnyi</i> Hydrodynamics and mass transfer in gas-liquid media for wastewater treatment of food businesses	241
<i>Oleksii Osypenko, Yurii Dolomakin, Viacheslav Osypenko</i> Concentration of fusel oil in alcohol column	248

Life safety	253
<i>Donka Taneva, Dobromir Kralchev, Tsvetko Prokopov</i> Effects of work-related stress on workers' health	253
<i>Olga Evtushenko, Oleg Evtushenko</i> Causal relationship occupation injury in the food industries	262
Economics and management	
<i>Tamara Hovorushko, Inna Sytnyk</i> The origin and essence of money. Modern point of view	269
Abstracts	275
Instructions for authors	299