

Journal of Hygienic Engineering and Design – Volume 29

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HYGIENIC ENGINEERING AND DESIGN

1. Amilda Ballata, Laura Shabani (2019). **Microbiological quality monitoring of air in the processing line of the confectionery product.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 3-6.*

FOOD QUALITY AND SAFETY

1. Irina Timoshenkova, Julia Bazarnova, Igor Kruchina-Bogdanov, Vera Eveleva, Maya Bernavskaya (2019). **The effect of antibacterial agents on biochemistry and morphology of muscle tissue of pre-cooked fish products.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 9-14.*
2. Doina-Georgeta Andronoiu, Oana-Viorela Nistor, Gabrie-Danut Mocanu, Vasilica Barbu, Elisabeta Botez, Madalina Petroiu (2019). **Quality characteristics of yoghurt powder obtained by hybrid drying methods.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 15-20.*
3. Mohammed Belal, Hatim Abulola, Amin N. Olaimat, Raed Abu Odeh, Amita Attlee, Anas A. Al-Nabulsi, Tareq M. Osaili, Islam Al-Shami, Mutamed M. Ayyash, Reyad Shaker Obaid (2019). **Viability of *Escherichia coli* O157:H7 during fermentation and storage of plain and spiced Ayran.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 21-25.*
4. Olena Grek, Tetiana Pshenychna, Olena Onopriichuk, Alla Tymchuk (2019). **Determination of amino acid composition and biological value in protein-berry concentrates.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 26-32.*

FOOD PRODUCTION AND PROCESSING

1. Zhenkun Cui, Halyna Dubova, Haizhen Mo (2019). **Effects of sous vide cooking on physicochemical properties of squid.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 35-40.*
2. Irina S. Polyanskaya, Ninel R. Sorokina, Valentina L. Popova (2019). **Starter culture phagolysis in dairy industry.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 41-45.*

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3. Julia Bazarnova, Vladimir Vasipov, Anna Sevastianova, Sergey Khokhlov (2019). **Biologically active macro- and microelements selection of forms of walnut *Juglans regia* L.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 46-49.*
4. Mirjana Bojanić Rašović, Vesna Davidović, Mirjana Joksimović-Todorović (2019). **Importance and measures of health protection of honey bees in Montenegro.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 50-54.*
5. Emna Ayari, Csaba Nemeth, Noori Khabat, Pintér Richàrd, Adrienn Tóth, László Friedrich (2019). **Impact of citric acid and heat treatment on rheological proprieties of whole liquid egg.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 55-57.*
6. Gordana Šebek (2019). **The phenological and pomological traits of biotypes of service tree (*Sorbus domestica* L.) In the area of Donja Morača important for the production of generative rootstocks.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 58-67.*
7. Natalija Uršulin-Trstenjak, Valentina Kladić, Bojan Šarkanj, Jasmina Šerifović (2019). **Dietary habits of adolescents in urban and rural areas.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 68-76.*
8. Galina N. Zabegalova, Lyudmila A. Kurenkova, Tatyana Y. Burmagina (2019). **The new functional product with buckwheat.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 77-80.*
9. Gordana Šebek (2019). **Influence of air pollution to amount of total organic acids in wild fruits plants in Pljevlja region.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 81-85.*
10. Maša Knez Hrnčič, Darija Cör, Željko Knez (2019). **Subcritical extraction of oil from Chia seeds with n-propane.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 86-91.*
11. Sebila Rekanović, Radoslav Grujić, Goran Vučić, Elvisa Hodžić (2019). **Mineral composition of traditional sheep meat products in dependence on the thermal treatment.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 92-98.*
12. Gulzat T. Oraz, Assan B. Ospanov, Urishbay Ch. Chomanov, Gulmira S. Kenenbay, Alibek A. Tursunov (2019). **Study of beef nutritional value of meat breed cattle of Kazakhstan.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 99-105.*
13. Gulzhan Zhumaliyeva, Urishbay Chomanov, Tamara Tultabayeva, Aruzhan Shoman, Gulnara Aktokalova, Rabiga Kasimbek (2019). **Studying bioavailability of protein filling for extruded cereal crops.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 106-110.*
14. Lyudmila Ivanovna Barybina, Natalya Pavlovna Oboturova, Viktoria Andreevna Datsko, Andrey Ashotovich Nagdalian, Marina Egorovna Kopchekchi, Nadezhda Arkadievna Ozheredova, Marina Nikolaevna Verevkina, Alexander Nikolaevich Simonov (2019). **Hamburger patty development with alginate-pectin meat emulsion.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 111-118.*

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15. Vladimir Grigorievich Kayshev, Andrey Vladimirovich Blinov, Alexander Vladimirovich Serov, Alexey Alexeevich Gvozdenko, Alexander Alexandrovich Kravtsov, Anastasia Alexandrovna Blinova, Andrew Georgievich Khramtsov (2019). **Quantum-chemical simulation of the interaction between the Zn²⁺ ions with C-terminal sites of kappa-casein.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 119-124.*
16. Tamara Tultabayeva, Urishbay Chomanov, Gulmira Kenenbay, Gulzhan Zhumaliyeva, Aruzhan Shoman (2019). **Formulation of multicomponent mixture in the production of combined soft cheese.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 125-131.*
17. Lyudmyla Semerun, Svitlana Puchkova, Kateryna Ivanchuk, Olha Brahyina, Tetyana Nosova (2019). **Methodical approach to managing the efficiency of the confectionery sector enterprise structures activity.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 132-139.*
18. Sergey Vladimirovich Anisimov, Andrew Georgievich Khramtsov, Andrey Vladimirovich Blinov, Anastasia Alexandrovna Blinova, Alexander Vladimirovich Serov, Alexander Alexandrovich Kravtsov, Vladimir Sergeevich Metel (2019). **Bactericidal and fungicidal activity of silver nanoparticles stabilized by didecyldimethylammonium bromide.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 140-144.*
19. Andrey A. Nagdalian, Natalya P. Oboturova, Dmitry V. Krivenko, Sergey N. Povetkin, Andrey V. Blinov, Marina N. Verevkina, Marina P. Marinicheva, Alexander N. Simonov, Igor A. Rodin, Margarita G. Lakovets (2019). **Why does the protein turn black while extracting it from insect's biomass?** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 145-150.*
20. Igor Dubkovetskiy, Vera Yurchak, Valentina Rak, Tatiana Burlaka, Vyacheslav Kazmiryshen (2019). **Research of methods and modes of drying of gluten-free pasta.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 151-159.*
21. Yulia Pavlovna Ten (2019). **The digitalization of economy as the “response” to the global change.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 160-165.*
22. Adrienn Tóth, Csaba Németh, Kálmán Tóth, Karina Hidas, Ayari Emna, Péter Póti, Ferenc Pajor, László Friedrich (2019). **Heat treatment of fermented, spreadable products from egg white.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 166-171.*

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