

## Journal of Hygienic Engineering and Design – Volume 36

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### HYGIENIC ENGINEERING AND DESIGN

1. Heng Hui Shan, Noor Zafira Noor Hasnan, Yuzainee Md. Yusoff, Norashikin Abdul Aziz, Mohd Salahuddin Mohd Basri (2021). **Operational and hygiene problems due to poor floor drain design and installation in a meat processing.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 3-16.*
2. Tzvetelin Dessev, Ivan Topalov, Nikolay Shopov, Alain Lebail (2021). **A computer system for characterizing stability of surfactant foams.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 17-22.*

### FOOD QUALITY AND SAFETY

1. Sergei Kalachev, Irina Makhotina, Assel Izembayeva (2021). **Analyses of state control and supervision of food safety in Russia.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 25-36.*
2. Svetlana Eliseeva, Ekaterina Fedinishina, Natalia Kushcheva (2021). **Effect of secondary food resources in the formation of the quality of flour confectionery.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 37-42.*
3. Valentina Dobрева, Hristo Spasov, Georgi Dobrev (2021). **Effects of ethanol, sugar and potassium sorbate on *Saccharomyces cerevisiae* growth in white wine using response surface methodology.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 43-48.*
4. Iryna Kyryliuk, Yevhenii Kyryliuk, Alina Proshchalykina, Mykola Zos-Kior, Vita Dovbush (2021). **Organisational and economic drivers for safety provision and quality upgrading of core livestock products in Ukraine.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 49-66.*
5. Oleksandra Niemirich, Nataliia Frolova, Ihor Ustymenko, Andrii Havrysh, Yuliia Furmanova, Olena Pavliuchenko, Olena Skyrda, Viacheslav Hubenia, Oleksandr Liulka, Raisa Matiushenko (2021). **Influence of dietary supplement based on heme iron on dough properties and quality of antianemic cupcakes.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 67-74.*
6. Galin Ivanov, Atanaska Markova, Ivelina Ivanova, Milena Dimitrova (2021). **Microbial growth and biogenic amines formation in Kashkaval cheese.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 75-82.*

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7. Jonida Canaj (2021). **The effect of heating process on antioxidants compounds (polyphenols, chlorophylls and carotenoids) in olive oil samples in Albania.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 83-88.*

## FOOD PRODUCTION AND PROCESSING

1. Biljana Trajkovska, Ljupche Kochoski, Kiro Petrovski, Gordana Dimitrovska, Zehra Hajrulai-Musliu, Risto Uzunov, Vladimir Petkov (2021). **Impact of mammary gland infective status on the concentration of lactoferrin in cow's milk.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 91-95.*
2. Olena Boiko, Nataliia Vasiutkina, Oksana Kondratiuk, Iryna Stoianenko (2021). **Formation and implementation of clusters as providing an innovation and investment model of enterprise development: Foreign and domestic experience.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 96-103.*
3. Martina Fikselová, Jana Kolačková, Stanislava Lukáčová, Nikola Babirádová, Ľubomír Belej, Vladimír Vietoris (2021). **Gluten-free product innovation without use of any food additives.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 104-110.*
4. Oksana Zghurska, Tetiana Somkina, Olena Korchynska, Andriy Fedorchenko, Olena Tarasevych, Stepan Kubiv (2021). **Formation of organizational and economic structure in the process of developing innovative solutions of a diversified enterprise.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 111-118.*
5. Grygorii Deinychenko, Liudmyla Deinychenko, Stanislav Tkachyk, Tamara Kravchenko, Kateryna Kravchenko (2021). **Technology and biological value of milk-egg co-precipitate.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 119-124.*
6. Natasha Longurova, Ivona Kovacevska, Katerina Zlatanovska, Sanja Nashkova, Verica Toneva Stojmenova (2021). **Cracked tooth syndrome.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 125-129.*
7. Svetlana Eliseeva, Alla Smolentseva, Anna Ivanova, Varvara Strelkova (2021). **Effect of variety of processing on keeping of betalain pigments of table beetroot.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 130-135.*
8. Oksana Zghurska, Stepan Kubiv (2021). **Methodological principles of offset activities' risk management in the national economic security system.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 136-142.*
9. Maria João Barroca, Inês F. P. Mansinhos, Raquel P. F. Guiné, Aida Moreira da Silva (2021). **Study of antioxidant activity in extracts from fresh and dried halophyte plants.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 143-149.*
10. Nataliia Vasiutkina, Tymur Antonov, Antonina Shostakovska, Olha Rusinova (2021). **Peculiarities of innovative activity of food producers' enterprises in the conditions of a world pandemic.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 150-158.*
11. Olena Boiko, Liudmyla Levaieva, Yuliia Horodnichenko, Svitlana Kucherenko (2021). **World experience of innovation and investment development of enterprises in overcoming the phenomenon of divergence.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 159-169.*

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12. Haijuan Nan, Tetiana Stepanova, Bo Li, Natalia Kondratiuk (2021). **Effect of Agaricus Bisporus on gel properties and microstructure of chicken batters.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 170-178.*
13. Manjola Kuliçi, Lejla Shehu (2021). **Estimation of 14 morphological traits of honey bees in Tropoja district and their correlation with honey production.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 179-184.*
14. Ivan Dolanc, Ivona Brodić, Tamara Sorić, Antonija Jonjić, Tea Čaljkusić-Mance, Luka Bočkor, Miran Čoklo (2021). **Metabolic syndrome and gut microbiota - A review.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 185-191.*
15. Yevgen Mayovets, Nataliia Vdovenko, Hanna Shevchuk, Mykola Zos-Kior, Iryna Hnatenko (2021). **Simulation modeling of the financial risk of bankruptcy of agricultural enterprises in the context of COVID-19.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 192-198.*
16. Volodymyr Rossokha, Serhiy Mykhaylov, Oksana Bolshaia, Dmytro Diukariiev, Olga Galtsova, Olena Trokhymets, Valerii Ilin, Mykola Zos-Kior, Iryna Hnatenko, Viktoriia Rubezhanska (2021). **Management of simultaneous strategizing of innovative projects of agricultural enterprises responsive to risks, outsourcing and competition.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 199-205.*
17. Hristina Strinska, Boriana Zhekova, Valentina Dobрева, Georgi Dobrev (2021). **Purification and characterization of lipase Lip3 produced in submerged fermentation by Rhizopus arrhizus HR1.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 206-215.*
18. Maiia Artamonova, Natalia Shmatchenko, Olena Aksonova, Dmytro Torianik (2021). **Influence of cryopastes and cryopowders on the state of moisture in marmalade.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 216-223.*
19. Olga Guseva, Svitlana Lehominova, Ruslan Dymenko, Olena Voskoboeva, Olga Romashchenko (2021). **Methodology forming strategies for management of commercial resources of trading enterprises.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 224-228.*
20. Vladimir Andreevski, Gregor Krstevski (2021). **Nutrition in advanced age population.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 229-235.*
21. Sergey Babenyshev, Dmitriy Mamay, Andrey Bratsikhin, Elena Drofa, Angelina Mamay, Liliya Semenova (2021). **Scientific and technical aspects of the complex technology of freeze-dried semi-finished products for the production of enteral nutrition products based on secondary dairy raw materials.** *Journal of Hygienic Engineering and Design, Vol. 36, pp. 236-243.*

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