

## Journal of Hygienic Engineering and Design – Volume 44

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### FOOD QUALITY AND SAFETY

1. Oksana Kyrpichenkova, Tetiana Sylchuk, Vira Zuiko, Mariana Nazar, Vita Tsyrunnikova, Olena Tyshchenko, Olga Pushka, Oleg Bortnichuk (2023). **Implementation of new technology of confectionery products in restaurant establishments.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 3-7.*
2. Weam Waadallah Mahmood Hadid, Faten Noori Abed Mula Abed (2023). **Phenotypic and molecular identification of some species of *Candida* spp.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 8-13.*
3. Gulzhan Zhumaliyeva, Urishbai Chomanov, Gulnara Aktokalova, Gaziza Zhumaliyeva (2023). **Research of qualitative indicators of concentrates for juices.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 14-18.*
4. Jasim Mohammed Baqer, Mahfoodh Khaleel Abdullal, Maysaloon Wael Ibrahim (2023). **Cumulative toxic effect of heavy metals lead, copper, cadmium and molybdenum in rat blood.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 19-23.*
5. Oleksandr Boguslavsky, Viktoriya Gura, Jean Pascal Zanders, Tatyana Nikitina (2023). **Main stages of implementation of chemical, biological, radiological, nuclear export control in Ukraine.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 24-33.*
6. Lazat Umiraliyeva, Marat Amangeldin, Akniet Ibraikhan, Timur Krupskiy, Alina Tulegenova (2023). **Increasing the quantity and quality of royal jelly in apiaries using wax honeycomb cups.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 34-38.*

### FOOD PRODUCTION AND PROCESSING

1. Rabiga Kassymbek, Auelbek Iztayev, Urishbay Chomanov, Gulzhan Zhumaliyeva (2023). **Extruded compound feeds using sprouted triticale grain.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 41-45.*
2. Massimzhan Velyamov, Lyudmila Kurasova, Aidana Sarsenova, Aiyim Khassenova, Nargiza Sadykova (2023). **Study of physico-chemical properties of regional varieties of fruit and vegetable products for the development of products with functional properties.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 46-49.*
3. Tunde Jurikova, Katarina Fatrcova-Sramkova, Ladislav Barath (2023). **Comparative study of dietary habits of preschool- and school-aged children in Slovakia.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 50-59.*

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4. Volodymyr Rossokha, Oleksandr Nechyporenko, Svitlana Cheremisina, Olena Mazurenko, Oleksandr Petrychenko (2023). **Current state and prospects of animal husbandry development in Ukraine**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 60-69.
5. Burbuqe Kurtaj-Bajrami (2023). **Importance of nutritional biochemistry**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 70-74.
6. Oksana Zghurska, Andriy Fedorchenko, Yaroslava Larina, Oleksandr Yerankin, Oleksandr Dyma, Lidia Avramchuk (2023). **Determinative role of using digital marketing tools for the agriculture development**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 75-81.
7. Gulzhan Zhumaliyeva, Gulnara Aktokalova, Rabiga Kassymbek (2023). **The use of domestic varieties of triticale flour for the production of flour confectionery**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 82-87.
8. Daniela Shukova Stojmanovska, Lenche Aleksovska Velichkovska, Serjoza Gontarev, Georgi Georgiev, Jasmina Pluncevic Gligoroska (2023). **Differences in Mediterranean diet index, smoking and regular physical activity among students on university "Ss. Cyril and Methodius"**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 88-96.
9. Massimzhan Velyamov, Aibike Berik, Lyudmila Kurasova, Shukhrat Velyamov (2023). **The relevance of expanding the range of phytodrinks based on honey and ginger**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 97-100.
10. Martina Fikselova, Jana Kolackovska, Stanislava Lukacova, Julius Arvay, Branislav Galik, Lucia Zelenakova (2023). **By-products of plant processing as a potential source of biologically valuable substances for zero waste food trend**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 101-108.
11. Natasha Ristovska, Pece Sherovski (2023). **Estimation of daily selenium intake in the Macedonian population**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 109-115.
12. Lazat Umiraliyeva, Raushan Makeeva, Marat Amangeldyn, Sabyrkhan Barmak, Akniet Ibraikhan (2023). **Study of microbiological, physical and chemical indicators of bovine colostrum**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 116-119.
13. Moldir Sabetkyzy Isabekova, Lazat Bekenovna Umiraliyeva, Ivan Dmitryevich Filatov (2023). **Construction of a new consortium of lactic acid bacteria for the preparation of sourdough for bread and the study of its optimal cultivation regimes**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 120-127.
14. Elen Golovnina, Iryna Kovshova, Tetiana Zubko, Tatiana Somkina, Iryna Grydzhuk (2023). **Economic development of the marketing of values in the human capital executive management hierarchy**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 128-138.
15. Natasha Stavreva, Sanja Panchevska, Natasha Tosheska Spasova, Aneta Mijoska, Emilija Bajraktarova Valjakova, Saso Jovanovski, Blagoja Dastevski, Budima Pejkovska Sahpaska, Efka Zhabokova Bilbilov (2023). **Influence of shoulder and chamfer marginal design and type of cement on fracture resistance of zirconia crowns. An *in vitro* study**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 139-143.
16. Rabiga Kassymbek, Gulmira Kenenbay, Urishbay Chomanov, Gulzhan Zhumaliyeva, Marzhan Idayatova (2023). **Studying the composition of extruded feed additive using by-products and cereals**. *Journal of Hygienic Engineering and Design*, Vol. 44, pp. 144-152.

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17. Katarina Fatrcova-Sramkova, Tunde Jurikova, Marianna Schwarzova (2023). **Retrospective analysis of nutrition in infancy and selected markers of health and nutritional status in the set of females.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 153-161.*
18. Lyudmila Kurasova, Massimzhan Velyamov, Aidana Sarsenova (2023). **Study of physico-chemical parameters of zoned tomato varieties for obtaining a biologically active additive - lycopene-containing dry powder.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 162-164.*
19. Svitlana Cheremisina, Iryna Artimonova, Hanna Trofimova, Sira Yulia, Shypylyna Olesya (2023). **Scenarios for increasing the economic efficiency of dairy enterprises in the food market of Ukraine.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 165-172.*
20. Gulzhan Zhumaliyeva, Urishbai Chomanov, Gulnara Aktokalova, Gaziza Zhumaliyeva (2023). **Development of concentrate technology for puree.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 173-177.*
21. Elizabeta Susaj, Lush Susaj (2023). **Expression of phenological and technological characteristics of the red wine grapevine Kallmet in two different altitude locations of Albania.** *Journal of Hygienic Engineering and Design, Vol. 44, pp. 178-184.*

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