

## Journal of Hygienic Engineering and Design – Volume 43

### Journal sections:

- Hygienic Engineering and Design
- Food Quality and Safety
- Food Production and Processing

### HYGIENIC ENGINEERING AND DESIGN

1. Mariya Dushkova, Siyka Kodinova, Nikolay Menkov (2023). **Flux behaviour and energy demand during ultrafiltration of goat's milk.** *Journal of Hygienic Engineering and Design, Vol.43, pp. 3-8.*

### FOOD QUALITY AND SAFETY

1. Andreea L. Mocanu, Alexandru Soare, Elena L. Ungureanu, Gabriel Mustatea (2023). **Investigation of heavy metals and trace elements content in different type of biscuits.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 13-19.*
2. Alexandru Soare, Gabriel Mustatea, Elena L. Ungureanu, Andreea M. Mocanu (2023). **Heavy metals and trace elements content in different types of seasoning and aromatic plants – A review.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 20-28.*
3. Katerina Trifunovska, Gorica Pavlovska, Vezirka Jankuloska (2023). **Mycotoxins – Information or taboo topic for the population of the Pelagonia region.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 29-34.*
4. Afërdita Shtëmbari, Lorena Memushaj (2023). **Study of total aflatoxin contamination in flour samples from Tirana, Albania.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 35-38.*
5. Gabriela Daniela Stamatie, Ervin Cosma, Sabina Andreea Bobea, Denisa Eglantina Duta (2023). **Development and quality evaluation of cereal based protein enriched food prototypes.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 39-46.*
6. Enver Karahmet, Senita Isakovic, Almir Toroman, Saud Hamidović, Fahir Becic, Ervina Becic (2023). **Examination of physico-chemical and microbiological characteristics of spring water “Zlatica” Bugojno.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 47-52.*
7. Lumta Dida, Ben Dida (2023). **The impact of Global GAP implementation and relation to Kosovo farms.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 53-56.*
8. Alicja Rutkowska-Mazur, Jerzy Niedziolka, Maria Walczycka, Dominika Gubala, Lukasz Migdal, Wladyslaw Migdal (2023). **The chemical composition and safety of wild boars meat hunted in Poland.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 57-69.*
9. Mioara Negoita, Adriana Laura Mihai, Gabriela-Andreea Hornet, Nastasia Belc (2023). **Investigation of the impact of raw materials and baking conditions on acrylamide content in biscuits.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 70-78.*
10. Radoslav Grujic, Sebila Rekanovic, Mira Obradovic, Elvira Hodzic, Nenad Stojanovic (2023). **Health risk assessment of potentially toxic metals in sheep meat and sheep meat products.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 79-86.*
11. Elena Ungureanu, Gabriel Mustatea, Andreea Mocanu, Alexandru Soare, Mona Elena Popa (2023). **Research advances in effective removal of heavy metals from aqueous solutions – A review.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 87-95.*

12. Shaniko Allajbeu, Flora Qarri, Lirim Bekteshi, Trajce Stafilov, Pranvera Lazo (2023). **Atmospheric deposition study of some trace metals using moss biomonitoring in the territory of Albania.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 96-101.*
13. Simona Kunova, Viktoria Lovaszova, Peter Hashchik, Miroslava Kacaniova (2023). **Impact of hygiene level in the honey production process on the quality and safety of the final product.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 102-108.*
14. Sami Gashi, Fadil Kryeziu, Shkëlzim Ukaj, Sejran Abdushi, Vehebi Sofiu, Violeta Kryeziu (2023). **Assessment of drinking water quality from artisanal wells in the Prizren region.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 109-113.*
15. Ana Sesar, Anita Lalic, Kristina Batinic (2023). **Occurrence of ochratoxin a in blatina wine from the Mostar vineyards.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 114-119.*
16. Inas Khaled Ahmed, Oroba Bahjat Shihab, Mohammed Ahmed Jassim, Ali Mohammed Saadi (2023). **The effectiveness of some nanoparticles in prolonging meat preservation.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 120-127.*
17. Jonida Canaj (2023). **Recovery determination of PAH in water samples by SPE technique.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 128-131.*

## FOOD PRODUCTION AND PROCESSING

1. Stanimira Slavova, Nevyana Stancheva (2023). **Profitability and economic values of productive and functional traits in sheep of Bulgarian dairy synthetic population.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 135-140.*
2. Majd Elayan, Csaba Nemeth, Munkhnasan Enkhbold, Adrienn Toth (2023). **The effect of adding egg white powder on liquid egg products properties.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 141-146.*
3. Petya Hristova, Magdalena Platikanova (2023). **Factors determining the choice of food products.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 147-152.*
4. Jozef Sabo, Simona Kunova, Lucia Galovicova, Miroslava Kacaniova (2023). **Natural microbiota of wine grape berries.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 153-158.*
5. Erjola Keci (2023). **Management of marine-water resources through eu directives implementation and challenges ahead for Albania.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 159-164.*
6. Ana Ilic, Ivana Rumbak, Martina Bituh, Tea Karlovic, Lucija Maric, Ruzica Brecic, Irena Colic Baric (2023). **The relationship between lifestyle factors and dietary habits of primary school children.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 165-176.*
7. Georgi Kalaydzhiev, Ivan Slavov, Nikolay Ivanov, Stayka Laleva, Vasil Vasilev (2023). **Influences of the probiotic zoovit on grow intensity performances and blood composition in lambs.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 177-181.*
8. Shkëlzim Ukaj, Arta Fetoshi, Duresa Ukaj, Hyzer Rizani (2023). **Identification of diabetes persons in the municipality of rahovec through the HbA1c test method.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 182-185.*
9. Stayka Laleva, Georgi Kalaydzhiev, Nikolay Ivanov, Daniela Yordanova, Vladimir Karabashev, Vasil Vasilev (2023). **Study of gas production, digestibility and metabolic energy in rough and succulent feeds, with fresh and lyophilized rumen fluid.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 186-190.*
10. Nadya Bozakova, Veselin Ivanov (2023). **Possibilities of using *Saccharomyces cerevisiae* as a dietary supplement in sheep production.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 191-197.*
11. Bledar Pepa, Anila Paparisto, Hajdar Kicaj (2023). **Community structure of the EPT group (Insecta) in the main Albanian rivers.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 198-207.*

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13. Firas Mahdi Abdalroda Alkhafaji, Majeed Hameed Abood, Emad Abdulgabbar Ali, Nihad Abdul-Latif Ali (2023). **Effect of broiler breeder male dosing with different levels of white tea powder *Camellia sinensis* and *Urtica dioica* leaves on some biochemical and histological traits of liver.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 213-218.*
14. Manjola Kulici, Lejla Shehu (2023). **Estimation of 14 morphological traits of honey bees in tropoja district and their correlation with honey production.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 219-224.*
15. Omar Falah Ibrahim, Firas Taher Maher, Zaidan Jayed Zaidan (2023). **evaluation of cardiac parameters and antioxidant enzymes in severe COVID-19 infections: Cardio-complications and adverse consequences.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 225-233.*
16. Yulian Tumbarski, Victoriya Ilieva, Velichka Yanakieva, Mariyana Topuzova, Mina Todorova, Pavel Merdzhanov (2023). **Application of propolis extracts as biopreservatives in a cosmetic product (hand cream).** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 234-244.*
17. Larysa Shevchenko, Myroslav Mitsevsky, Natalia Slobodyanyuk, Vadym Kondratiuk, Ihor Ustymenko, Anastasiia Ivaniuta, Valentyna Israelian, Tatyana Rozbytska, Mykola Gruntovskiy, Ivan Chumachenko (2023). **Metabolic status of calves using nanosilver with milk diet.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 245-252.*
18. Naiden Delchev, Georgi Dobrev, Valentina Dobрева, Albena Durakova, Ivan Panchev (2023). **Extraction and physicochemical characteristics of pectin from parsnip roots (*Pastinaca sativa* L.).** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 253-259.*
19. Larysa Bal-Prylypko, Mykola Nikolaenko, Ihor Ustymenko, Nataliia Slobodyanyuk, Valentyna Israelian, Tatyana Rozbytska, Nataliia Holembovska, Tetiana Kostyuk, Nataliia Prokopenko, Yevheniia Marchyshyna (2023). **Thermized protein-fat fermented milk product with food emulsion and carrageenan.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 260-266.*
20. Daniela Miteva, Stayka Laleva, Teodora Angelova, Daniela Yordanova, Stanimira Slavova, Jivko Krastanov, Georgi Kalaydzhiev, Nikolai Ivanov (2023). **Variance components of traits characterizing milk productivity in ewes of Bulgarian dairy synthetic population.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 267-271.*
21. Diola Dosti, Klotilda Marku (2023). **Cod liver oil as a natural source of vitamin d status in population of northern Norway and its importance in the daily food diet in populations during the cold season.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 272-276.*
22. Adelina Vasileva, Albena Durakova, Vasko Vasilev, Milena Temelkova (2023). **Study of sorption characteristics of mint (*Mentha* spp.) Powder of Bulgarian origin.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 277-281.*
23. Naser Kamberi, Hyzer Rizani, Dijana Blazhekovikj Dimovska, Ilmije Vllasaku, Edona Tasholli (2023). **The effect of zinc sulfate on stem growth, root and seed germination at different concentrations in peas.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 282-286.*
24. Vildan Akdeniz, Melisa Unal, Nayil Dinkci (2023). **The importance and health benefits of whey proteins.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 287-291.*
25. Olena Boiko, Nataliia Vasiutkina, Tetiana Kharchuk, Oleksandr Poprozman (2023). **Ukrainian-Asian cooperation in the field of innovation to improve the competitiveness of enterprises.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 292-303.*
26. Oleksandra Niemirich, Ihor Ustymenko, Andrii Havrysh, Liudmyla Mamchenko, Olena Skyrda, Ihor Zhytnetskyi, Olena Podobii, Viacheslav Hubenia, Oleksandr Liulka, Yuriy Tkachuk, Olga Pushka, Ruslan Doroshkevych (2023). **Formation of emulsion properties**

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- with celery root powder.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 304-308.*
27. Diola Dosti, Klotilda Marku (2023). **Celery detox 3-6-9 effects for weight loss and livercleanse.** *Journal of Hygienic Engineering and Design, Vol. 43, pp. 309-317.*

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