

Journal of Hygienic Engineering and Design – Volume 39

Journal sections:

- Food Quality and Safety
- Food Production and Processing

FOOD QUALITY AND SAFETY

1. Daliborka Koceva Komlenić, Marko Jukić, Gjore Nakov, Ana Šušak, Ana Bucić-Kojić, Mirela Planinić, Stela Jokić, Marina Zorić, Jasmina Lukinac (2022). **Sensory and qualitative properties of wheat flour crackers with chaste tree berry flour (*Vitex agnus castus*) after extraction.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 3-7.*
2. Naser Kamberi, Ilmije Vllasaku, Hyzer Rizani (2022). **Influence of zinc on different concentrations on ground stem and root growth of corn.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 8-11.*
3. Nikolay Ivanov, Galina Dicheva, Stayka Laleva, Daniela Yordanova, Vladimir Karabashev, Georgi Kalaydzhev (2022). **Quality of musculus semimembranosus in rabbits supplemented with 1% Rumanol ML.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 12-16.*
4. Mirjana Bojanic Rasovic (2022). **Potential risks of bee poisoning in Montenegro.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 17-23.*
5. Arsim Elshani, Mybeshir Pajaziti, Indrit Loshi (2022). ***Staphylococcus aureus* level in peppers with cream in Kosovo.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 24-29.*
6. Dan Razvan Popoviciu, Ticuta Negreanu-Pirjol, Monica Vasile, Bogdan-Stefan Negreanu-Pirjol (2022). **Aluminum phytoaccumulation potential in ricefield water-nymph plant (*Najas graminea delile*) species.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 30-34.*
7. Plamen Zorovski, Atanas Sevov, Tonya Georgieva, Veselka Vlahova (2022). **Influence of organic fertilizers on grain quality of *Triticum monococcum* L., *Triticum dicoccum* Sch., and *Triticum spelta* L.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 35-43.*
8. Mihaela Ivanova, Milena Dimitrova-Dicheva, Tatyana Balabanova, Galin Ivanov (2022). **Possible applications of high-pressure processing of milk and dairy products.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 44-52.*
9. Olga Derevitskaya, Andrey Dydykin, Marietta Aslanova, Anna Bero, Nataliya Soldatova (2022). **An effect of the composition and parameters of sterilization on acrylamide formation in model systems of meat and plant canned foods for child nutrition.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 53-61.*
10. Valon Durguti, Medin Zeqiri, Suzana Aliu, Fisnik Laha, Fidan Feka (2022). **Heavy metals determination in fish muscles and gills by FAAS.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 62-69.*
11. Mybeshir Pajaziti, Arsim Elshani (2022). **Beer malt control based on pesticide and radioactivity analysis findings.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 70-74.*

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12. Akos Ribarszki, Monika Steger-Mate (2022). **Changes in color parameters and polyphenol content of aseptically filled apple juice during storage.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 75-79.*
13. Petya Veleva, Svilen Lazarov, Ivanka Zhelyazkova (2022). **Regression models based on physico-chemical parameters of bee honey.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 80-87.*
14. Mybeshir Pajaziti, Arsim Elshani (2022). **Control of corn flour for beer production based on pesticide findings and radioactivity analysis.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 88-91.*

FOOD PRODUCTION AND PROCESSING

1. Trajche Dimitrovski, Marija Mihailova (2022). **Evaluation of a customized preference test for sensory analysis.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 95-103.*
2. Viktorija Nasonova, Tatyana Kuznetsova, Elena Tunieva, Elena Mileenkova, Anna Motovilina (2022). **Effect of sous-vide treatment on the structure of turkey.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 104-108.*
3. Georgi Beev, Svilen Lazarov, Toncho Dinev, Nikolina Naydenova (2022). **Nutritional evaluation of yoghurt prepared by lactobacilli isolated from *Apis mellifera* L. guts and alpine anthill.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 109-115.*
4. Elena D. Gavriloska, Vesna Knights, Vera Simovska, Ninoslav Ivanovski (2022). **Statistical analysis concerning the importance of a low protein diet in the progression of chronic kidney disease.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 116-121.*
5. Andrey Kehayov, Radka Goranova-Spasova (2022). **Informing patients about the risks of overweight and obesity - Ethical considerations.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 122-126.*
6. Milica Nićetin, Biljana Lončar, Vladimir Filipović, Biljana Cvetković, Jelena Filipović, Violeta Knežević, Lato Pezo (2022). **Analysis of mass transfer rate and efficiency of osmotic dehydration of wild garlic.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 127-131.*
7. Petya Hristova, Magdalena Platikanova (2022). **Water and salt consumption - Benefits and risks.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 132-136.*
8. Ariola Morina, Renata Kongoli (2022). **Qualitative parameters and fatty acid profile of Albanian virgin olive oils produced by autochthonous cultivars.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 137-142.*
9. Mitko Lalev, Nadya Mincheva, Pavlina Hristakieva, Magdalena Oblakova, Ivelina Ivanova (2022). **Performance of laying hens fed diets supplemented with probiotics and prebiotics.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 143-148.*
10. Roman Mikolaevich Birukou, Kiryl Aliksandrovich Hubchyk, Maxim Aliksandrovich Kapustin, Hanna Sergeevna Chubarova, Vladimir Petrovich Kurchenko, Alexei Dmitrievich Lodigin, Svetlana

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11. Stayka Laleva, Daniela Yordanova, Georgi Kalaydzhev, Vladimir Karabashev, Nikolay Ivanov, Teodora Angelova, Vasil Vasilev (2022). **Influence of some biologically active substances on gas production, digestibility and metabolic energy in different feeds.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 154-159.*
 12. Tamás Csurka, Adrienn Tóth, Ferenc László Friedrich, Klára Pásztor-Huszár (2022). **Comparison of products made of meat batter with different quality and quantity of blood products based on their techno-functional attributes.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 160-168.*
 13. Gordana Markovikj, Vesna Knights (2022). **Model of optimization of the sustainable diet indicators.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 169-175.*
 14. Igor Grujić, Slavica Grujić, Božana Odžaković (2022). **Application of fuzzy logic for determination of optimal number of evaluators for descriptive sensory analysis.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 176-184.*
 15. Maša Knez Marevci, Taja Žitek, Vesna Postružnik, Željko Knez (2022). **Extraction of phenolic compounds from white and red grape skin and rosehip fruit.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 185-192.*
 16. Mimoza Bala, Bujar Seiti, Dritan Topi (2022). **Chemical composition of effluents produced by the medicinal plants steam distillation, case study Albania.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 193-196.*
 17. Staika Laleva, Petya Slavova, Tania Ivanova, Georgi Kalaydzhev, Yovka Popova, Stanimira Slavova, Nikolai Ivanov, Nikola Metodiev (2022). **Study of the influence of some genetic and non-genetic factors on the productive performance of Ile de France ewes.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 197-201.*
 18. Staika Laleva, Petya Slavova, Georgi Kalaydzhev, Yovka Popova, Stanimira Slavova, Nikolai Ivanov, Daniela Miteva (2022). **Study of the influence of genetic and non-genetic factors on the fecundity and live weight of Mouton Charolais sheep.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 202-207.*
 19. Liudmyla Deineko, Nataliia Gakhovych, Oksana Kushnirenko, Olena Tsyplitska (2022). **Innovative business models of the circular economy in food production and processing.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 208-221.*
 20. Adelina Vasileva, Albena Durakova, Todorka Petrova, Kornelia Choroleeva (2022). **Moisture sorption characteristics of white mulberry (*Morus alba*) as a natural alternative to sugar.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 222-226.*
 21. Andriy Semenov, Olga Orlova-Kurilova, Nataliia Riazanova, Olena Oviechkina, Nataliia Burda (2022). **Comprehensive assessment of financial management of economic security of an enterprise in the conditions of innovative economy.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 227-235.*
 22. Svilen Lazarov, Galina Dineva (2022). **An innovative method for determining the area of the capped brood in bee colonies.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 236-241.*

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24. Vladimira Gančovska, Atanaska Bosakova-Ardenska, Hristina Andreeva, Angel Danev, Peter Panayotov, Petya Boyanova (2022). **Automatic mold analysis in blue cheese.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 252-258.*
25. Zinaida Zhyvko, Andrii Nikolashyn, Ivan Semenets, Yevheniia Karpenko, Mykola Zos-Kior, Iryna Hnatenko, Nataliia Klymenchukova, Nina Krakhmalova (2022). **Secure aspects of digitalization in management accounting and finances of the subject of the national economy in the context of globalization.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 259-269.*
26. Yuliia Romanusha, Maryna Petchenko, Volodymyr Chumak, Oleksandr Khan, Tetiana Zavhorodnia, Olena Naholiuk, Olga Khodakivska (2022). **Improvement of methods for assessing the effectiveness of industrial enterprise management in the knowledge economy.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 270-278.*
27. Arsim Elshani, Mybeshir Pajaziti, Indrit Loshi, Ibrahim Hoxha (2022). **“Peja alle” beer production, and comparison with light beer, in Peja brewery.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 279-284.*
28. Stayka Laleva, Daniela Yordanova, Georgi Kalaydzhev, Vladimir Karabashev, Nikolay Ivanov, Teodora Angelova, Vasil Vasilev (2022). **Comparative study of gas production, digestibility and metabolic energy in different feeds by in vitro analysis with fresh and lyophilized rumen fluid.** *Journal of Hygienic Engineering and Design, Vol. 39, pp. 285-290.*

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