

Journal of Hygienic Engineering and Design – Volume 46

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FOOD QUALITY AND SAFETY

1. Andrea Boshkoska, Natalija Atanasova-Pancevska, Dzoko Kungulovski (2024). **Microbiological quality of frozen chicken fillets imported in Macedonia during cold and warm seasons.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 3-7.*
2. Valon Shala, Indrit Loshi (2024). **Characterization of local and imported flour based on their mineral content and some physicochemical parameters.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 8-15.*
3. Hristina Andreeva, Radoslava Gabrova, Ivan Kuzmanov (2024). **Interactive resource for image processing in Scilab.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 16-21.*
4. Sas Wilhelmine Claudia Nicoleta, Ovidiu Tița (2024). **Studies on the possibilities of authenticating the geographical origin of wines.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 22-27.*
5. Enkeleda Berberi, Ilir Lloha, Ildja Rudho, Suada Lalaj, Ervin Shishmani, Anxhela Kiri (2024). **Prevalence and persistence of *Listeria spp.* and *Listeria monocytogenes* in processed milk from small retailers in Tirana, Albania.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 28-36.*
6. Suci Paramitasari Syahlani, Mujtahidah Anggriani Ummul Muzayyanah, Agung Triatmojo, Tian Jihadhan Wankar, Nguyen Hoang Qui, Ni Made Ari Kusuma Dewi (2024). **Determinants of consumer attitudes toward certified livestock food products: The influence of socio-demographics and consumer knowledge.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 37-44.*
7. Munkhnasan Enkhbold, Attila Lőrincz, Majd Elayan, László Friedrich, Attila Solymosi, Balázs Wieszt, Jáni Kornél, Adrienn Tóth (2024). **Influence of lactic acid and ascorbic acid mixture on the quality of wild boar meat stored under vacuum packaging at chilled storage.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 45-50.*
8. Angel Danev, Teodora Yaneva (2024). **Development of open-source robotic computer-based system for automatic counting of lactic acid bacterial colonies.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 51-58.*

FOOD PRODUCTION AND PROCESSING

1. Alexey Lodygin, Ivan Evdokimov, Irina Kulikova, Alexander Gridin, Kirill Sorokin (2024). **Study of technological properties of commercial sweet whey and whey permeate powders.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 61-65.*
2. Irina Manevska, Ivica Panchevski, Natalija Atanasova Panchevska, Julijana Arsovska, Vasil Kostov (2024). **Influence of probiotic feed addition on carp meat chemical composition.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 66-72.*
3. Alexey Lodygin, Darya Khalanskaya, Ivan Evdokimov, Vladimir Kurchenko, Svetlana Lodygina, Maxim Kapustin, Hanna Chubarova, Liana Garibyan (2024). **Application of whey for plant biologically active substances extraction.** *Journal of Hygienic Engineering and Design, Vol. 46, pp. 73-79.*

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4. Lubomir M. Darmohray, Olha O. Darmohray, Władysław Migdał, Łukasz Migdał (2024). **Fodder galega (*Galega orientalis* Lam.) - Chemical composition and application in animal nutrition.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 80-89.
5. Rolandas Drejeris, Mindaugas Samuolaitis (2024). **Mathematical modelling of the price determination process for the production of food companies.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 90-94.
6. Teodora Yaneva, Albena Parzhanova, Dimitar Dimitrov, Bozhidar Bozadzhiev (2024). **Identification and sieving analysis of plants - A source of biologically active substances from the area of Dospat municipality, Western Rhodopes, Bulgaria.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 95-103.
7. Olga K. Derevitskaya, Natalya E. Soldatova, Marietta A. Aslanova, Anna L. Bero (2024). **Physico-chemical and textural indicators of sausages for child nutrition enriched with prebiotic ingredients.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 104-110.
8. Aylin Eray, Gamze Gizem Gemici, Erenay Erem, Meral Kilic-Akyilmaz (2024). **Rheological and water-holding characteristics of yoghurts enriched with fruit by-products.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 111-116.
9. Mindaugas Samuolaitis, Ioseb Gabelaia, Rolandas Drejeris (2024). **Development of an intelligent decision-making support system for the selection of raw material manufacturers to be suppliers in healthy food production companies in the context of global supply risks.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 117-125.
10. Medin Zeqiri, Valon Durguti, Suzana Aliu, Fidan Feka, Ylli Biçoku (2024). **Differences in milk production from farms that use silage and forage irrigation to those that do not use, the case study in Kosovo.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 126-133.
11. Albena Parzhanova, Teodora Yaneva, Dimitar Dimitrov, Aneliya Georgieva (2024). **Biological potential, health capacity, and functional activity of emulsion systems obtained by incorporating plant extracts.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 134-146.

NUTRITION

1. Dragana Ilić Udovičić, Aleksandra Vasić Popović, Bojana Kalenjuck Pivarski, Kosana Popović, Ivana Jevtić, Ana Matić (2024). **Use of dietary supplements in nutrition among students in the first year of studies.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 149-153.
2. Natalija Atanasova-Pancevska, Aleksandra Markovska, Sofija Kostandinovska (2024). **Comparative analysis of food labels data from different food products.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 154-157.
3. Ljubiša Kucurski, Ljiljana Savić, Lidija Slunjski Tišma, Mira Obradović, Dragana Sredić Cartes, Srđan Živanović (2024). **Frequency of consumption and students' awareness of the ingredients and effects of energy drink.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 158-162.
4. Magdalena Platikanova, Rozalina Yordanova, Petya Hristova (2024). **Fizzy drink consumption - In search of its determinants.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 163-167.

HEALTH RELATED TO NUTRITION

1. Merije Elezi, Namik Durmishi, Vlatko Tanevski, Enesa Nesimi, Mirsade Tairi (2024). **Statistical research on the correlation between celiac disease and other autoimmune diseases.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 171-178.
2. Tamara E. Mihociu, Danut G. Cimponeriu, Gabriel Mustatea, Nastasia Belc (2024). **Bioaccessibility and stability of phytochemical compounds, essential features in the design of functional foods: A review.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 179-191.

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3. [Natasha Longurova, Katerina Zlatanovska, Ivona Kovachevska, Sandra Atanasova \(2024\). **The possibility of using ultrasound in endodontics: A review.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 192-197.](#)
4. [Petya Hristova, Rozalina Yordanova, Magdalena Platikanova \(2024\). **Effect of breakfast consumption on body mass index \(BMI\).** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 198-202.](#)
5. [Sanja Nashkova, Cena Dimova, Katerina Zlatanovska, Sonja Rogoleva Gjurovski \(2024\). **Immunoglobulins IgA and IgG in children with permanent dentition and dental caries.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 203-207.](#)
6. [Dženita Salihefendić \(2024\). **Eating habits of patients with sarcopenic obesity.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 208-214.](#)
7. [Besim Memedi, Merije Elezi, Vlatko Tanevski \(2024\). **Epidemiological characteristics of prostate cancer and the influence of nutrition.** *Journal of Hygienic Engineering and Design*, Vol. 46, pp. 215-220.](#)

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