

Journal of Hygienic Engineering and Design – Volume 33

Journal sections:

- Food Quality and Safety
- Food Production and Processing

FOOD QUALITY AND SAFETY

1. Oksana Topchii, Yevhenii Kotliar, Vasyl Pasichnjy, Irina Shevchenko, Alla Tymchuk, Yuliya Kryzhova, Alla Petryna, Dets Nadiia (2021). **Antioxidant effect of fat-soluble rosemary and green tea extracts on storage period prolongation of meat paste.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 3-11.*
2. Władysław Migdał, Maria Walczycka, Marzena Zając, Joanna Tkaczewska, Piotr Kulawik, Ewelina Węsierska, Łukasz Migdał (2020). **The chemical composition and quality of traditionally smoked Polish regional products, produced from of raw material obtained from native animal breed.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 12-21.*
3. Vladimira Gančovska, Angel Danev, Atanaska Bosakova-Ardenska, Petar Panayotov, Lena Kostadinova-Georgieva, Petya Boyanova (2021). **Application of thresholding algorithms in blue cheese cut surface evaluation.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 22-27.*
4. Asiat M. Abdullaeva, Larisa P. Blinkova, Boris V. Usha, Cholponkul K. Avylov, Yury D. Pakhomov, Rumiya K. Valitova, Tatiana A. Pershina, Daria B. Mitrofanova (2021). **Bacteriophages and bactericins as anti-contaminants of chicken meat products.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 28-33.*
5. Vezirka Jankuloska, Gorica Pavlovska, Ilija Karov (2021). **Assessment of adults and children exposure to pesticide residues through apple consumption.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 34-40.*
6. Dragos Mihai Lapusneanu, Daniel Simeanu, Cristina Radu-Rusu, Cecilia Pop, Alina Narcisa Postolache, Ioan Mircea Pop (2021). **Case study on the prevention and control of mycotoxin contamination in a feed mill unit.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 41-47.*
7. Krassimir Kolev, Rositsa Maksimova (2021). **Novel techniques for food traceability system.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 48-54.*
8. Rozana Troja, Erjon Troja, Orkida Shuaipi, Ranela Ceci, Elena Muca, Eltion Dhamo (2021). **Assessment of the microbiological profile of the foods of pediatric age.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 55-64.*
9. Yulian Tumbarski, Desislava Pashova, Nadezhda Petkova, Ivan Ivanov, Ivelina Deseva, Dasha Mihaylova (2021). **Effects of a bacteriocin of *Bacillus methylotrophicus* strain BM47 and pasteurization on the storage life of fresh tomato juice.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 65-75.*

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10. Olga Jokanović, Božidarka Marković, Jelena Miočinović, Slavko Mirecki (2021). **Technology and quality of Kučki cheese - traditional Montenegrin brined cheese.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 76-84.*

FOOD PRODUCTION AND PROCESSING

1. Samir Gharib Hafizov, Gharib Kerim Hafizov (2021). **Effect of heat treatment and pH factor on phenolic components of pomegranate juice.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 87-94.*
2. Vladimir Kaishev, Marina Litvinova, Madina Chikatueva, Elena Abakumova, Andrey Khramtsov (2021). **Study of the possibility of creating milk baths with phytomineral complex and hair shampoo based on hydrolyzed whey.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 95-100.*
3. Ivelina Ivanova, Milena Dimitrova, Galin Ivanov (2021). **Antioxidant capacity of yoghurt fortified with polyphenol extract from strawberry pomace.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 101-107.*
4. Raquel P. F. Guiné, Manuela Ferreira, Paula Correia, Elena Bartkiene, Viktória Szűcs, Monica Tarcea, Jasmina Ranilović, Maša Černelič-Bizjak, Kathy Isoldi, Ayman EL-Kenawy, Vanessa Ferreira, Dace Klava, Małgorzata Korzeniowska, Elena Vittadini, Marcela Leal, Lucia Frez-Muñoz, Maria Papageorgiou, Ilija Djekić (2021). **Analysis of food buying behavior: A multinational study framework.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 108-119.*
5. Ivanka Petrova, Nadezhda Petkova, Ivan Ivanov, Mina Todorova, Manol Ognyanov, Tatyana Bileva, Dimka Haytova (2021). **Bioactive compounds and antioxidant activity of extracts from edible flowers of *Punica granatum* and *Citrus aurantium*.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 120-129.*
6. Irina Timoshenkova, Natalia Barsukova, Elena Moskvicheva, Tatiana Pilipenko, Nadezhda Zhilinskaya, Evgeniy Irishkin, Aleksandr Moskvichev (2021). **Use of hemp flour for the production of gluten-free confectionery.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 130-137.*
7. Jonida Canaj, Amilda Ballata, Laura Shabani, Rozana Troja (2021). **Study of some physico-chemical and microbiological parameters of waste water in food industry.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 138-143.*
8. Natalija Uršulin-Trstenjak, Nives Pužaj, Melita Sajko, Zrinka Mach, Bojan Šarkanj (2021). **The health function of people with diabetes mellitus due to their diet.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 144-151.*
9. Raquel P. F. Guiné, Edite Teixeira-Lemos, Paulo Ribeiro, Marina Ferreira, Ana Margarida Oliveira, Ana Rita Teixeira, Beatriz Castro, Rute Rodrigues, Samuel Santos, Adriana Rodrigues, Andreia Santos (2021). **Development and characterization of a ewe's creamy cheese with aromatic plants.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 152-161.*

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10. Valentina Dobрева, Rajna Hadjikinova, Ivanka Petrova, Georgi Dobrev, Mima Hadjikinova (2021). **Effect of maltitol on technological characteristics of pastry creams with low sugar content.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 162-168.*
11. Lidia G. Stoyanova, Helen V. Semenova (2021). **Improving training in food microbiology.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 169-175.*
12. Lalka Rangelova, Vesselka Duleva, Stefka Petrova (2021). **Legislative measures to improve the nutrition of children from kindergartens in Bulgaria.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 176-179.*
13. Hristina Panajotova, Valentina Dobрева, Boriana Zhekova, Georgi Dobrev (2021). **Immobilization of lipase produced by *Rhizopus arrhizus* on chitosan coated polygalacturonic acid beads.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 180-189.*
14. Maša Knez Hrnčič, Dragana Borjan, Taja Žitek, Andrej Golle, Željko Knez (2021). **Antimicrobial and antioxidant properties of *Origanum vulgare* extracts.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 190-194.*
15. Nadya Bozakova (2021). **Oxidative and ethological indicators in hens with vitamin C and zinc supplementation during a hot period.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 195-201.*
16. Rolandas Drejeris, Jan Zukovskis (2021). **New approach to a modeling of actions for new dietary meals creation.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 202-209.*
17. Valentina Dobрева, Boriana Zhekova, Anelia Hambarliiska, Georgi Dobrev (2021). **Purification and characterization of extracellular lipase produced on solid state fermentation by *Rhizopus arrhizus*.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 210-218.*
18. Sergey Babenyshev, Dmitriy Mamay, Andrey Bratsikhin, Alexandr Borisenko, Angelina Mamay, Sholpan Amanova (2021). **Ultrafiltration of cottage cheese whey for cleaning of nitrogenous substances.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 219-224.*
19. Tatiana Dumitra Panaite, Mihaela Saracila, Cristina Soica, Cristina Tabuc, Alexandru Vlaicu, Margareta Olteanu, Raluca Turcu (2021). **Effect of the inclusion of grape seed oil in broiler diet on the intestinal microflora balance.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 225-232.*
20. Oksana Zghurska (2021). **Strategic innovative benchmarks of Ukrainian agro-industrial enterprises in the conditions of information society.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 233-242.*
21. Sergey Babenyshev, Dmitriy Mamay, Andrey Bratsikhin, Alexandr Borisenko, Angelina Mamay, Sholpan Amanova (2021). **Concentration of cottage cheese whey permeate by nanofiltration.** *Journal of Hygienic Engineering and Design, Vol. 33, pp. 243-248.*

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