

Journal of Hygienic Engineering and Design – Volume 32

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Jedsada Chaishome, Teerawat Nunak, Yutthapong Tuppadung, Taweepol Suesut, Navaphattra Nunak (2020). **An investigation of oil residue on surface by infrared thermography.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 3-7.*

FOOD QUALITY AND SAFETY

1. Olena Sokolovska, Olena Skyrda, Olga Chatchenko, Tetiana Letuta, Havrysh Andrii (2020). **Scientific foundations of the integrated use of sweeteners and iodine-containing raw materials in confectionery technology.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 11-16.*
2. Olena Grek, Tetiana Pshenychna, Sergii Tsygankov, Oleksandr Savchenko, Olena Ochkolyaslena Ochkolyas (2020). **Fat effect of standardized milk on qualimetric indicators of protein-blueberry concentrates.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 17-22.*
3. Khaoula Bendahbia, Zakaria Abidli, Lemiae Zaazaa, Soumaia Hmimou, Sara Boukhorb, Sara Jadda, Amal Haimer, Abdelrhani Mokhtari, Abdelmajid Soulaymani, Abderrazak Khadmaoui (2020). **Antimicrobial activity of thyme honey from Morocco against pathogenic bacteria.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 23-27.*
4. Galin Ivanov, Ertugrul Bilgucu, Ivelina Ivanova, Milena Dimitrova (2020). **Effect of somatic cells count of raw milk on the carbonyl compounds and low molecular weight fatty acids formation in ayran.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 28-32.*
5. Naeem Ullah Khan, Fahad Hassan, Farah Deeba, Hafsa Yamin, Sohaib Afzaal (2020). **Critical analyses of laws relating to the management of food safety in Pakistan and way forward.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 33-40.*

FOOD PRODUCTION AND PROCESSING

1. Olena Boiko, Nataliia Vasiutkina, Oksana Kondratiuk, Iryna Stoianenko (2020). **Innovative initiatives of development of Ukrainian and South Korea industries in the period of globalization challenges.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 43-53.*

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2. Klodiola Dharmo, Rezarta Shkreli, Amilda Ballata (2020). **Fatty acid profiles and their nutritional values in human milk and infant formula.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 54-58.*
3. Tihana Sudarić, Krunoslav Zmaić, Tihomir Živić (2020). **Regional competitiveness index - the case of Croatia.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 59-68.*
4. Julia Bazarnova, Irina Timoshenkova, Svetlana Eliseeva, Svetlana Nesmelova, Sandra Muizniece-Brasava (2020). **Recycling of secondary salmon fish processing waste.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 69-73.*
5. Olena Boiko, Nataliia Vasiutkina, Oksana Kondratiuk, Iryna Stoianenko (2020). **Ukrainian-Chinese cooperation of industrial enterprises on innovative principles.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 74-89.*
6. Vesna Gojković Cvjetković, Radoslav Grujić, Željka Marjanović-Balaban (2020). **Chromatographic separation of glutenin with high molecular weight from wheat flour.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 90-99.*
7. Eleanora Zabarna, Tetiana Averikhina (2020). **The infrastructural vector development of Odessa in the coordinates of activation of tourism entrepreneurship.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 100-105.*
8. Nataliia Vasiutkina, Oleksandr Lazebnyk (2020). **Research of bottled water consumers' behaviour in Europe and Ukraine considering current economic and environmental conditions.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 106-113.*
9. Gregorij Deynichenko, Inna Zolotukhina, Dmytro Dmytrevskiy, Vitalii Chervonyi, Dmytro Horielkov, Vasyl Guzenko, Kateryna Sefikhanova (2020). **Study of the water state and phase transitions of liquid in milk-protein semi-finished products below 0 0C.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 114-119.*
10. Ivelina Deseva, Elena Koleva, Dasha Mihaylova (2020). **HPLC determination of twelve polyphenols: Application in wine analysis.** *Journal of Hygienic Engineering and Design, Vol. 32, pp. 120-126.*

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Journal of Hygienic Engineering and Design – Volume 31

Journal sections:

- Food Quality and Safety
- Food Production and Processing

FOOD QUALITY AND SAFETY

1. Antonina Dubinina, Galina Selyutina, Tatyana Shcherbakova, Tatyana Letuta, Inna Belyayeva, Yuriy Khatskevych, Tatyana Popova, Tatyana Frolova, Valentyna Afanasieva (2020). **The effect of technological parameters on low-salted cucumbers color change under using low-temperature non-brine process of manufacture.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 3-7.*
2. Esra Tunçer, Aylin Bayindir Gümüş, Alev Keser (2020). **The assessment of nutritional values of jarred baby foods sold in supermarket in Turkey according to food label.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 8-13.*
3. Mara Mustapić, Sejad Mačkić, Nihada Ahmetović, Amra Čolić, Amela Semić, Azra Hodžić, Altaira Jažić-Durmišević (2020). **Implementation of HACCP system in hotels in the area of Split-Dalmatia county.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 14-18.*
4. Hasime Manaj, Anisa Dhroso, Rozana Troja, Ilirjan Malollari (2020). **Study of rheological properties of red wines under the heating effect.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 19-23.*
5. Karina Ilona Hidas, Csaba Németh, Judit Csonka, Anna Visy, László Friedrich, Ildikó Csilla Zeke (2020). **How does freezing in liquid nitrogen influence the reological properties of liquid egg products?** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 24-30.*
6. Hristo Spasov, Valentina Dobrea, Iavor Tchobanov, Georgi Dobrev (2020). **Study of ethanol, sugar and potassium sorbate effects on *Bretanomyces intermedius* growth in white wine using response surface methodology.** *Journal of Hygienic Engineering and Design, Vol. 31, 31-36.*
7. Iryna Kyryliuk, Yevhenii Kyryliuk, Alina Proshchalykina, Sergiy Sardak (2020). **Socio-economic factors of providing quality of livestock products in Ukraine.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 37-47.*
8. Anisa Dhroso, Hasime Manaj, Elena Muca, Rozana Troja, Ilirjan Malollari (2020). **Study of physico-chemical and sensory properties of red wines from black grapes (*Vitis vinifera* L.) In different areas of Albania.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 48-52.*

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9. Dilyana Gradinarska-Ivanova, Daniela Mitreva, Petya Hadzhiyska, Katya Valkova-Yorgova, Ivelina Ivanova (2020). **Evolution of safety and quality aspects of dry-cured ham during aging under natural climatic conditions.** *Journal of Hygienic Engineering and Design, Vol. 31, 53-60.*

FOOD PRODUCTION AND PROCESSING

1. Sergey P. Babenyshev, Andrey A. Bratsikhin, Vladimir E. Zhidkov, Dmitriy S. Mamay, Muhamadjon Nurullo, Dmitriy S. Khokha (2020). **Research of the secondary milk raw materials purification from protein components by natural polysaccharides.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 63-68.*
2. Vesna Bogdanovska Mircheska, Ljubica Karakashova, Natasha Ristovska, Biljana Noveska Petrovska, Zoran Karatashev (2020). **Lycopene and its antioxidant properties in the prevention of chronic illnesses and cancer.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 69-72.*
3. Aylin Bayindir-Gümüş, Esra Tunçer, Alev Keser (2020). **Health and nutrition literacy levels affect diabetes mellitus management.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 73-81.*
4. Georgi Dobrev, Borianna Zhekova, Valentina Dobrova (2020). **Purification and characterization of extracellular β -xylosidase produced by *Aspergillus niger* B03.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 82-87.*
5. Tamara Sorić, Mladen Mavar, Ivana Rumbak (2020). **Compliance of hospitalized schizophrenic patients to a 3-month nutrition intervention program for the treatment of metabolic syndrome.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 88-96.*
6. Olena Boiko, Svitlana Kucherenko, Liudmyla Levaieva, Yuliia Horodnichenko (2020). **Innovation and investment fundamentals of the development of enterprises of the G7 countries during the period of globalization challenges.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 97-115.*
7. Mihajlo Petrovski, Olivera Terzieva-Petrovska, Cena Dimova, Ana Minovska, Kiro Papakoca, Katerina Zlatanovska (2020). **Correlation of oral health and diet among institutionalized elderly people.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 116-121.*
8. Radka Goranova - Spasova, Hristina Milcheva, Mirela Hasanaj (2020). **Overweight and obesity: Knowledge, attitudes and practices of doctors in Bulgaria.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 122-126.*
9. Laura Carmen Apostol, Sorina Ropciuc, Ancuta Elena Prisacaru, Eufrosina Albu (2020). **Characterization of tomato sauce enriched with purslane (*Portulaca oleracea*) leaves.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 127-132.* [\[Full -Text PDF\]](#)
10. Nadya Bozakova (2020). **Vitamin C and zinc effect on some productivity and blood indices in laying hens during a cold period.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 133-138.*

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11. Veselin Ivanov, Nadya Bozakova, Gergana N. Balieva (2020). **Wars as factors causing starvation and malnutrition.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 139-144.*
12. Biljana Evrosimovska, Daniela Veleska-Stevkovska, Cena Dimova, Zaklina Menceva (2020). **Second generation platelet concentrate (platelet-rich fibrin) in its application in oral surgery.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 145-151.*
13. Arita Sabriu-Haxhijaha, Olga Popovska, Zana Mustafa (2020). **Thin-layer chromatography analysis of *Nigella sativa* L. essential oil.** *Journal of Hygienic Engineering and Design, Vol. 31, pp. 152-156.*

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Journal of Hygienic Engineering and Design – Volume 30

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Yesmurat Mateyev, Alexander Ostrikov, Daulet Shalginbayev, Maksim Kopylov, Sulushash Mateyeva, Vitalii Vasilenko (2020). **Mathematical modeling of heat and mass transfer processes in the duration of grain roasting.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 3-8.*

FOOD QUALITY AND SAFETY

1. Jana Žiarovská, Lucia Zamiešková (2020). **Semiquantitative real-time PCR in the analysis of peach Pru p 3 allergen transcription activity.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 11-16.*
2. Murat Açık, Funda Pinar Çakiroğlu (2020). **Effects of walnut consumption on inflammatory markers: A review.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 17-25.*
3. Isti Purwaningsih, Surachman Surachman, Pratikto Pratikto, Imam Santoso (2020). **Integration of packaging design in food Kansei model: Conceptual model development.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 26-32.*

FOOD PRODUCTION AND PROCESSING

1. Gordana Markovik, Vesna Knights, Daniela Nikolovska Nedelkovska, Dragan Damjanovski (2020). **Statistical analysis of results in patients applying the sustainable diet indicators.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 35-39.*
2. Pavel Chorbazhiev, Dilyana Gradinarska, Katya Valkova-Jorgova, Aco Kuzelov, Diana Indjelieva (2020). **Effect of type and level of collagen supplements on morphological characteristics of cooked sausages.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 40-47.*
3. Radovan Kasarda, Radoslav Židek, Nina Moravčíková, Jaromír Šimonek (2020). **Risk assessment of fat-soluble vitamins based on genetic score predictive model.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 48-52.*

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4. Péter Penksza, Boglárka Boda, Beatrix Szabó-Nótin, Csaba Németh, Réka Juhász (2020). **Utilization of xylo-oligosaccharides as prebiotics in soy milk.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 53-57.*
5. Jelena Jovanović, Andrea Stefanović, Alina Culetu, Denisa Duta, Nevena Luković, Sonja Jakovetić Tanasković, Nataša Šekuljica, Zorica Knežević-Jugović (2020). **Enzymatic treatment of soy protein concentrate: Influence on the potential techno-functional and antioxidant properties.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 58-68.*
6. Radoslav Židek, Ľubomír Belej, Jaromír Šimonek, Radovan Kasarda, Anna Trakovická, Nina Moravčíková (2020). **Maximal amount of O₂ per unit of time can suggest improvements in cardio-respiratory fitness in response to exercise training.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 69-74.*
7. Aylin Bayindir-Gümüş, Alev Keser (2020). **A study on the nutrition-related attitudes and body mass indexes of university students using social media.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 75-82.*
8. Dzenis Jasar, Katerina Kubelka-Sabit, Vanja Filipovski, Biljana Curcuk (2020). **Intestinal microbiota composition and the risk of colorectal cancer - Novel approach of an old issue.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 83-88.*
9. Katerina Zlatanovska, Cena Dimova, Natasa Longurova, Ivona Kovacevska, Sanja Naskova (2020). **The impact of oral health on quality of life in partially edentulous patients before and after prosthodontic rehabilitations.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 89-94.*
10. Cena Dimova, Mirjana Popovska, Biljana Evrosimovska, Katerina Zlatanovska, Kiro Papakoca, Mihajlo Petrovski, Marija Ivanovska - Stojanoska, Spiro Spasovski (2020). **Various suturing material and wound healing process after oral surgery procedure - A review paper.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 95-100.*
11. Esra Tunçer, Alev Keser (2020). **Effects on health and diet quality of the gluten free diet.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 101-106.*
12. Ilze Kalnina, Evita Straumite (2020). **The evaluation of information on potato, vegetable and wholegrain snacks packaging.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 107-114.*
13. Nadya Bozakova (2020). **Effect of vitamin c and zinc on ethological and oxidative performance in laying hens during a cold period.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 115-119.*
14. Anna Visy, Judit Csonka, Karina Ilona Hidas, Gábor Jónás, László Friedrich (2020). **Examination of the parameters of active ultrasound treatment for the quality of curing.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 120-124.*

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15. Mihajlo Petrovski, Svetlana Jovevska, Olivera Terzieva-Petrovska, Ana Minovska (2020). **Radiographic analysis of the mental foramen and mandibular canal localization.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 125-129.*
16. Ira Taneva, Ivan Dimov, Gjore Nakov (2020). **Influence of Bulgarian polyfloral honey on the basic technological characteristics of a lactose-free yoghurt.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 130-136.*
17. Laura Mamaeva, Molder Yerbulekova, Erik Askarbekov, Perizat Ashimova, Karligash Muratbekova (2020). **Intensification of fermentation process using natural sweeteners.** *Journal of Hygienic Engineering and Design, Vol. 30, pp. 137-141.*

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Journal of Hygienic Engineering and Design – Volume 29

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Amilda Ballata, Laura Shabani (2019). Microbiological quality monitoring of air in the processing line of the confectionery product. *Journal of Hygienic Engineering and Design*, Vol. 29, pp. 3-6.

FOOD QUALITY AND SAFETY

1. Irina Timoshenkova, Julia Bazarnova, Igor Kruchina-Bogdanov, Vera Eveleva, Maya Bernavskaya (2019). **The effect of antibacterial agents on biochemistry and morphology of muscle tissue of pre-cooked fish products.** *Journal of Hygienic Engineering and Design*, Vol. 29, pp. 9-14.
2. Doina-Georgeta Andronoiu, Oana-Viorela Nistor, Gabrie-Danut Mocanu, Vasilica Barbu, Elisabeta Botez, Madalina Petroiu (2019). **Quality characteristics of yoghurt powder obtained by hybrid drying methods.** *Journal of Hygienic Engineering and Design*, Vol. 29, pp. 15-20.
3. Mohammed Belal, Hatim Abulola, Amin N. Olaimat, Raed Abu Odeh, Amita Attlee, Anas A. Al-Nabulsi, Tareq M. Osaili, Islam Al-Shami, Mutamed M. Ayyash, Reyad Shaker Obaid (2019). **Viability of *Escherichia coli* O157:H7 during fermentation and storage of plain and spiced Ayran.** *Journal of Hygienic Engineering and Design*, Vol. 29, pp. 21-25.
4. Olena Grek, Tetiana Pshenychna, Olena Onopriichuk, Alla Tymchuk (2019). **Determination of amino acid composition and biological value in protein-berry concentrates.** *Journal of Hygienic Engineering and Design*, Vol. 29, pp. 26-32.

FOOD PRODUCTION AND PROCESSING

1. Zhenkun Cui, Halyna Dubova, Haizhen Mo (2019). **Effects of sous vide cooking on physicochemical properties of squid.** *Journal of Hygienic Engineering and Design*, Vol. 29, pp. 35-40.
2. Irina S. Polyanskaya, Ninel R. Sorokina, Valentina L. Popova (2019). **Starter culture phagolysis in dairy industry.** *Journal of Hygienic Engineering and Design*, Vol. 29, pp. 41-45.
3. Julia Bazarnova, Vladimir Vasipov, Anna Sevastianova, Sergey Khokhlov (2019). **Biologically active macro- and microelements selection of forms of walnut *Juglans regia* L.** *Journal of Hygienic Engineering and Design*, Vol. 29, pp. 46-49.

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4. Mirjana Bojanić Rašović, Vesna Davidović, Mirjana Joksimović-Todorović (2019). **Importance and measures of health protection of honey bees in Montenegro.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 50-54.*
5. Emna Ayari, Csaba Nemeth, Noori Khabat, Pintér Richàrd, Adrienn Tóth, László Friedrich (2019). **Impact of citric acid and heat treatment on rheological proprieties of whole liquid egg.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 55-57.*
6. Gordana Šebek (2019). **The phenological and pomological traits of biotypes of service tree (*Sorbus domestica* L.) In the area of Donja Morača important for the production of generative rootstocks.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 58-67.*
7. Natalija Uršulin-Trstenjak, Valentina Kladić, Bojan Šarkanj, Jasmina Šerifović (2019). **Dietary habits of adolescents in urban and rural areas.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 68-76.*
8. Galina N. Zabegalova, Lyudmila A. Kurenkova, Tatyana Y. Burmagina (2019). **The new functional product with buckwheat.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 77-80.*
9. Gordana Šebek (2019). **Influence of air pollution to amount of total organic acids in wild fruits plants in Pljevlja region.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 81-85.*
10. Maša Knez Hrnčič, Darija Cör, Željko Knez (2019). **Subcritical extraction of oil from Chia seeds with n-propane.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 86-91.*
11. Sebila Rekanović, Radoslav Grujić, Goran Vučić, Elvisa Hodžić (2019). **Mineral composition of traditional sheep meat products in dependence on the thermal treatment.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 92-98.*
12. Gulzat T. Oraz, Assan B. Ospanov, Urishbay Ch. Chomanov, Gulmira S. Kenenbay, Alibek A. Tursunov (2019). **Study of beef nutritional value of meat breed cattle of Kazakhstan.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 99-105.*
13. Gulzhan Zhumaliyeva, Urishbay Chomanov, Tamara Tultabayeva, Aruzhan Shoman, Gulnara Aktokalova, Rabiga Kasimbek (2019). **Studying bioavailability of protein filling for extruded cereal crops.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 106-110.*
14. Lyudmila Ivanovna Barybina, Natalya Pavlovna Oboturova, Viktoria Andreevna Datsko, Andrey Ashotovich Nagdalian, Marina Egorovna Kopchekchi, Nadezhda Arkadievna Ozheredova, Marina Nikolaevna Verevkina, Alexander Nikolaevich Simonov (2019). **Hamburger patty development with alginate-pectin meat emulsion.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 111-118.*

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15. Vladimir Grigorievich Kayshev, Andrey Vladimirovich Blinov, Alexander Vladimirovich Serov, Alexey Alexeevich Gvozdenko, Alexander Alexandrovich Kravtsov, Anastasia Alexandrovna Blinova, Andrew Georgievich Khramtsov (2019). **Quantum-chemical simulation of the interaction between the Zn²⁺ ions with C-terminal sites of kappa-casein.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 119-124.*
16. Tamara Tultabayeva, Urishbay Chomanov, Gulmira Kenenbay, Gulzhan Zhumaliyeva, Aruzhan Shoman (2019). **Formulation of multicomponent mixture in the production of combined soft cheese.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 125-131.*
17. Lyudmyla Semerun, Svitlana Puchkova, Kateryna Ivanchuk, Olha Brahyina, Tetyana Nosova (2019). **Methodical approach to managing the efficiency of the confectionery sector enterprise structures activity.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 132-139.*
18. Sergey Vladimirovich Anisimov, Andrew Georgievich Khramtsov, Andrey Vladimirovich Blinov, Anastasia Alexandrovna Blinova, Alexander Vladimirovich Serov, Alexander Alexandrovich Kravtsov, Vladimir Sergeevich Metel (2019). **Bactericidal and fungicidal activity of silver nanoparticles stabilized by didecyldimethylammonium bromide.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 140-144.*
19. Andrey A. Nagdalian, Natalya P. Oboturova, Dmitry V. Krivenko, Sergey N. Povetkin, Andrey V. Blinov, Marina N. Verevkina, Marina P. Marinicheva, Alexander N. Simonov, Igor A. Rodin, Margarita G. Lakovets (2019). **Why does the protein turn black while extracting it from insect's biomass?** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 145-150.*
20. Igor Dubkovetskiy, Vera Yurchak, Valentina Rak, Tatiana Burlaka, Vyacheslav Kazmiryshen (2019). **Research of methods and modes of drying of gluten-free pasta.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 151-159.*
21. Yulia Pavlovna Ten (2019). **The digitalization of economy as the “response” to the global change.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 160-165.*
22. Adrienn Tóth, Csaba Németh, Kálmán Tóth, Karina Hidas, Ayari Emna, Péter Póti, Ferenc Pajor, László Friedrich (2019). **Heat treatment of fermented, spreadable products from egg white.** *Journal of Hygienic Engineering and Design, Vol. 29, pp. 166-171.*

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Journal of Hygienic Engineering and Design – Volume 28

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Inka Dressler, Harald Budelmann (2019). **How to improve cleaning process and cleanability of surfaces in hospital environment.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 3-10.*

FOOD QUALITY AND SAFETY

1. Raushangul Ulangazievna Uazhanova, Assemay Talgatkyzy Kazhymurat, Ulbala Oblbekovna Tungyshbayeva, Alberto Cepeda Saez (2019). **Development and implementation of HACCP plan based on FMEA in collagen hydrolizate industry.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 13-21.*
2. Katya Velichkova, Ivaylo Sirakov (2019). **The effect of diet supplemented with *Lemna minuta* Kunth extract on technological parameters, blood parameters and meat quality in rainbow trout (*Oncorhynchus mykiss* W.) cultivated in aquaponic recirculation system.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 22-27.*
3. Ivaylo Sirakov, Katya Velichkova, Desislava Slavcheva-Sirakova (2019). **The effect of yarrow (*Achillea millefolium*) supplemented diet on growth performance, biochemical blood parameters and meat quality of rainbow trout (*Oncorhynchus mykiss* W.) and growth of lettuce (*Lactuca sativa*) cultivated in aquaponic recirculation system.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 28-32.*
4. Natalija Uršulin-Trstenjak, Tajana Juriša, Melita Sajko, Saša Šušnić (2019). **Eating habits of Croatian healthcare and non-healthcare university students.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 33-40.*
5. Albena Andonova, Hristina Milcheva, Tanq Taneva (2019). **Promoting healthy eating in people over 65 years of age.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 41-47.*

FOOD PRODUCTION AND PROCESSING

1. Anna Bituykova, Aleksandra Amelkina, Aleksandr Evteev, Daria Vorobieva, Ivan Evdokimov, Anna Bannikova (2019). **Advanced technology of oat bran biotransformation into functional ingredients.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 51-60.*
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2. Bendahbia Khaoula, Nabih Zineb, Abidli Zakaria, Soulaymani Abdelmajid, Chahbi Asmae, Khadmaoui Abderrazak (2019). **Consumption, preferences and habits of purchasing consumers of honey in Morocco.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 61-65.*
3. Larysa Frolova, Kateryna Ivanchuk, Tetyana Nosova, Tetyana Horodetska, Kateryna Zaychenko (2019). **Evaluation of informational provision quality of food industry enterprises flexibility management.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 66-72.*
4. Kseniia Kovtunenکو, Yurii Kovtunenکو, Liubov Shatskova, Marianna Yatsenko (2019). **Management mechanism as an independent element of the food industry enterprise innovative activity expenditures management system.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 73-80.*
5. Ludmila I. Barybina, Evgenia V. Beloysova, Tatiana V. Voblikova, Elena N. Statsenko, Sholpan S. Amanova, Alexander A. Borisenko, Andrey A. Nagdalian, Alexander N. Simonov, Irina V. Ziruk (2019). **Multicomponent meat products for sports nutrition.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 81-84.*
6. Sergey P. Babenyshev, Ivan A. Evdokimov, Andrey A. Bratsikhin, Vladimir E. Zhidkov, Georgy S. Anisimov, Dmitriy S. Mamay (2019). **Experimental determination of parameters for milk whey microfiltration process.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 85-95.*
7. Petra Strizincova, Ales Haz, Jozef Váľka, Igor Surina (2019). **Using of spruce needle extractives as protection agent against insect's attack.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 96-101.*
8. Gulnur Tleuhanovna Daribaeva, Auelbek İztaevič İztaev, Georgiy Nikolaevich Stankevich, Valery Yakovlevich Chernykh, Baurzhan Auelbekovič İztaev, Diana Albertovna Kapizova (2019). **Technology of pasta with the application of flour of domestic varieties of triticale and ionized water.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 102-111.*
9. Vladimira Gančovska, Atanaska Bosakova-Ardenska, Peter Panayotov, Lena Kostadinova-Georgieva, Petya Boyanova, Ivanka Krasteva (2019). **Application of computer vision for evaluation distribution of molds *Penicillium roqueforti* on blue cheese.** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 112-116.*
10. Mirjana Bojanić Rašović (2019). **Importance and measures of the protection of honey bees from tropilelosis (with a special focus on Montenegro).** *Journal of Hygienic Engineering and Design, Vol. 28, pp. 117-124.*

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Journal of Hygienic Engineering and Design – Volume 27

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Andrey Vladimirovich Blinov, Andrew Georgievich Khramtsov, Anastasia Alexandrovna Blinova, Alexander Vladimirovich Serov, Konstantin Vasilevich Kostenko, Alexander Alexandrovich Kravtsov, Julia Jurevna Snezhkova (2019). **Detergent-disinfectant agent based on colloidal silver stabilized by quaternary ammonium compounds for the dairy industry.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 3-11.*

FOOD QUALITY AND SAFETY

1. Svitlana Yermak, Oleksandr Bavyko, Olena Boiko, Nataliia Vasiutkina (2019). **Problems of ensuring milk quality in Ukraine in terms of European standards implementation.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 15-21.*
2. Nadica Ilievska, Valentina Pavlova, Jovana Ilievska, Vera Kirovska, Martina Pavlovska (2019). **Review paper on the effects of antibiotic use in agricultural animals on the human health and formation of food born antibiotic resistant microorganisms.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 22-26.*
3. Mariola Kodra, Ariola Devolli, Dhurata Feta, Merita Stafasani, Edlira Shahinasi (2019). **Evaluation of total protein and moisture content in processed meat (sausages) of tirana markets.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 27-31.*
4. Abdymanap Ospanov, Nurzhan Muslimov, Aigul Timurbekova, Gulnara Jumabekova, Aigul Almaganbetova, Dulat Zhalelov, Dinash Nurdan (2019). **The study of indicators of the quality test of poly-cereal whole meal flour for making pasta.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 32-38.*
5. Amilda Ballata, Laura Shabani, Klodiola Dhamo (2019). **Impact of microbiological quality of the raw material and the technological process in the microflora of final product (confectionery products).** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 39-44.*
6. Nadica Ilievska, Valentina Pavlova, Vera Kirovska, Jovana Ilievska, Martina Pavlovska (2019). **Nutritional and health benefits of inulin as functional food and prebiotic.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 45-48.*

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7. Georgy Anisimov, Svetlana Ryabtseva, Ivan Evdokimov, Andrei Khramtsov, Irina Kulikova, Maria Kosenko, Vitaliy Kravtsov (2019). **Effect of electrolysis on dairy by-products microbiological indicators.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 49-57.*

FOOD PRODUCTION AND PROCESSING

1. Ivana Bendelja, Davor Valinger, Tamara Jurina, Ana Jurinjak Tušek, Jasenka Gajdoš Kljusurić, Maja Benković (2019). **Influence of particle size on UV-VIS and NIR spectra of aqueous extracts of plants from lamiaceae family.** *Journal of Hygienic Engineering and Design, Vol. 27, 61-68.*
2. Olena Boiko, Nataliia Vasiutkina, Oleksandr Bavyko, Svitlana Yermak (2019). **The state and ways of Ukrainian food industry development in terms of integration into European economic space.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 69-86.*
3. Abdymanap A. Ospanov, Aigul K. Timurbekova (2019). **New hypothesis of energy of crushing.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 87-89.*
4. Biljana Lončar, Lato Pezo, Milica Nićetin, Vladimir Filipović, Violeta Knežević, Tatjana Kuljannin (2019). **Optimization of fish osmotic treatment applying fuzzy synthetic evaluation method.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 90-94.*
5. Andrey Vladimirovich Blinov, Alexander Vladimirovich Serov, Alexander Alexandrovich Kravtsov, Konstantin Vasilevich Kostenko, Julia Jurevna Snezhkova, Alexey Alexeevich Gvozdenko (2019). **New colloidal chelated highly digestible form of zinc essential trace element.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 95-101.*
6. Viktorija Stamatovska, Gjore Nakov, Gorica Pavlovska, Marko Jukić, Ivan Dimov, Ira Taneva, Daliborka Koceva Komlenić (2019). **Production of biscuits with inulin and determination of their characteristics.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 102-107.*
7. Kseniya Kovtunenکو, Svetlana Filippova, Olga Poberezhets, Yuriy Kovtunenکو, Aleksey Stepanchenko (2019). **Adaptation of the logistics system of food industry enterprises in conditions diversification of activities.** *Journal of Hygienic Engineering and Design, Vol. 27, 108-113.*
8. Milica Nićetin, Lato Pezo, Biljana Lončar, Vladimir Filipović, Violeta Knežević, Jelena Filipović, Tatjana Kuljanin (2019). **The variation of mineral content in celery root during the treatment in two osmotic solution.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 114-119.*
9. Alexander Zharnov, Natallia Bashun, Olga Zharnova, Natallia Chuhai, Anna Chekel (2019). **Comparison of indexes of physical development biological objects measured by anthropometric and bio-impedance methods.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 120-124.*

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10. Igor V. Rzhepakovsky, Ludmila D. Timchenko, David A. Areshidze, Svetlana S. Avanesyan, Elena V. Budkevich, Sergei I. Piskov, Saverio Mannino, Alexey D. Lodygin, Dmitriy A. Kovalev, Stanislav G. Kochergin (2019). **Antioxidant activity of chicken embryo tissues powder obtained by different methods of hydrolysis.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 125-136.*
11. Yulia Pavlovna Ten (2019). **The symbolic value of the French goods in the consciousness of the contemporary Russian young consumers.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 137-144.*
12. Tetyana Horodetska, Kateryna Ivanchuk, Liubov Niekrasova, Lyudmyla Semerun, Kateryna Zaychenko (2019). **Food enterprises innovative activity organizing.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 145-151.*
13. Antonela Režan, Maja Benković, Tamara Jurina, Ana Jurinjak Tušek, Jasenka Gajdoš Kljusurić, Davor Valinger (2019). **Application of near infrared spectroscopy for detection of ground medicinal herbs.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 152-156.*
14. Aleksei Lodigin, Maria Shatravina, Matteo Mario Scampicchio (2019). **Study of milk with high protein concentration fermentation by lactic acid bacteria starter cultures.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 157-161.*
15. Maria Shpak, Svetlana Ryabtseva, Andrey Bratsikhin (2019). **Lactulose effect on viability of starter cultures.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 162-167.*
16. Konstantin Kostenko, Andrey Bratsikhin, Maria Shpak (2019). **Computer simulation on whey protein β -lactoglobulin behavior under ultrasound treatment of its solutions at different pH levels.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 168-172.*
17. Andrey Bratsikhin, Elena Leschenko, Konstantin Kostenko (2019). **Influence of cavitation disintegration on dairy foods production.** *Journal of Hygienic Engineering and Design, Vol. 27, pp. 173-177.*

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Journal of Hygienic Engineering and Design – Volume 26

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Sergei Kalachev, Anna Plakhotnik, Natalia Ereemeeva (2019). **Purification of drinking water from arsenic (v) compounds by sorption household water treatment devices type of “jug”**. *Journal of Hygienic Engineering and Design, Vol. 26, pp. 3-10.*

FOOD QUALITY AND SAFETY

1. Dzengis Jasar, Katerina Kubelka-Sabit, Vanja Filipovski, Biljana Curcic-Trajkovska Aleksandar Sajkovski (2019). **The role of diet and nutrition trends in the prevention and treatment in cancer patients**. *Journal of Hygienic Engineering and Design, Vol. 26, pp. 13-19.*
2. Nika Pavlovic, Ksenija Vitale, Ivan Miskulin, Dubravka Holik, Magdalena Domacinovic, Maja Miskulin (2019). **Energy drink labeling: should we be concerned?** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 20-27.*
3. Vegim Zhaku, Sheqibe Beadini, Nexhbedin Beadini, Besir Murtezan (2019). **Combination of Maca, Korean ginseng extract and antioxidant therapy for male with oligoasthenozoospermia: Case study**. *Journal of Hygienic Engineering and Design, Vol. 26, pp. 28-35.*
4. Karina Ilona Hidas, Csaba Németh, Judit Csonka, Anna Visy, László Friedrich, Ildikó Csilla Zeke (2019). **Effect of natural preservatives on the shelf life and calorimetric properties of salted, liquid whole egg**. *Journal of Hygienic Engineering and Design, Vol. 26, pp. 36-41.*
5. Biljana Curcic, Dzengis Jashar (2019). **With a little help from my friends**. *Journal of Hygienic Engineering and Design, Vol. 26, pp. 42-46.*
6. Anna Visy, Karina Hidas, Judit Csonka, László Friedrich, Gábor Jónás (2019). **Combined effect of various nitrite concentration and high-pressure treatment on functional characteristics of raw meat batter**. *Journal of Hygienic Engineering and Design, Vol. 26, pp. 47-51.*
7. Ivana Jevtic, Dragana Ilic Udovicic, Mijic Ljubica, Ana Matic (2019). **The possibility of satisfying vitamin C daily needs by consuming fresh orange and grapefruit**. *Journal of Hygienic Engineering and Design, Vol. 26, pp. 52-57.*

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8. Natalija Uršulin-Trstenjak, Ivana Bogdan, Julija Pečet, Melita Sajko (2019). **Assessment of the knowledge and attitudes of Međimurje county population on celiac disease.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 58-67.*

FOOD PRODUCTION AND PROCESSING

1. Meri Zaja, Elizabeta Angelova (2019). **Biomass from agriculture as renewable energy source in the Republic of Macedonia.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 71-75.*
2. Veronika Majova, Michal Jablonsky, Andrea Skulcova, Katarina Ondrigova (2019). **Delignification of pulp with two ternary deep eutectic solvents: urea-acetamide-glycerol and malic acid-proline-lactic acid.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 76-80.*
3. Gabriel Mustățea, Elena L. Ungureanu, Enuța Iorga (2019).ea, Elena L. Ungureanu, Enuțea, Elena L. Ungureanu, Enuța Iorga (2019).a Iorga (2019). **Protein acidic hydrolysis for amino acids analysis in food - progress over time: A short review.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 81-87.*
4. Gjore Nakov, Viktorija Stamatovska, Marko Jukić, Ljupka Necinova, Nastia Ivanova, Ana Šušak, Daliborka Koceva Komlenić (2019). **Beta glucans in biscuits enriched with barley flour made with different sweeteners.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 88-92.*
5. Michal Jablonsky, Ales Haz, Alexandra Sladkova, Petra Strizincova, Andrea Skulcova, Veronika Majova, Jozef Jablonsky (2019). **Nutraceuticals as phenolic bioactive compounds analysis of softwood bark and their possibilities of industry applications.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 93-99.*
6. Gordana Šebek (2019). **Pomological and chemical characteristics of fruit of some sour cherry cultivars grown in the conditions of Bijelo Polje.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 100-104.*
7. Silvana Pasovska, Trajko Miceski (2019). **Tobacco production and some of its positive and negative effects.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 105-112.*
8. Rozana Troja, Majlinda Vasjari, Alda Kika (2019). **The implementation of “NETCHEM” platform and Open Educational Resources (OER) in food sciences.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 113-117.*
9. Vesna Gojković, Željka Marjanović-Balaban, Radoslav Grujić, Dragan Vujadinović, Milan Vukić (2019). **The influence of extraction conditions and chromatographic separation on the ability of identifying gliadins from the wheat flour.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 118-126.*
10. Oleksandr Bavyko, Mariia Bondarchuk (2019). **Ice-cream with functional properties as a means of commercial networks assortment extension and population feeding improving.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 127-133.*

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11. Rolandas Drejeris, Eglė Drejerienė (2019). **Necessity and content of the hospital's food department production personnel planning.** *Journal of Hygienic Engineering and Design, Vol. 26, pp. 134-140.*

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Journal of Hygienic Engineering and Design – Volume 25

Journal sections:

- Food Quality and Safety
- Food Production and Processing

FOOD QUALITY AND SAFETY

1. Gabriel Mustatea, Elena L. Ungureanu, Enuța Iorga (2018) a. Iorga (2018). **Preliminary steps for validation amino acids analysis by ion chromatography with pulsed electrochemical detection.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 3-6.*
2. Ivana Jovanovska-Klincarska, Iliana Popovska, Vladimir Kostovski, Jelena Dimitrovska, Ema Kikovska-Stojanovska, Sonja Ugarkovic (2018). **Risk assessment in pharmaceutical microbiology.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 7-13.*
3. Raluca Paula Turcu, Margareta Olteanu, Rodica Diana Criste, Mariana Ropota, Tatiana Dumitru Panaite, Cristina Soica, Dumitru Dragotoiu (2018). **The effect of using grape seeds meal as natural antioxidant in broiler diets enriched in fatty acids, on meat quality.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 14-20.*
4. Alma Zorlak, Amir Ganić, Minela Dacić, Vildana Hadžić, Edna Kurtić, Azra Bačić (2018). **The effect of salt reduction on chemical and microbiological characteristics and implications on sensory quality of traditional smoked meat “Visočka pečenica”.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 21-26.*
5. Adrienn Toth, Csaba Nemeth, Ildiko Zeke, Peter Penksza, Karina Hidas, Laszlo Friedrich (2018). **Effects of combined HHP and heat treatment on viscosity and microbiological safety of liquid egg yolk.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 27-30.*
6. Dilara Konuk Takma, Figen Korel, Basak Avci, Ozgur Edeer (2018). **Effect of storage temperature and packaging material on the shelf-life of newly-developed no-added sugar almond paste.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 31-36.*

FOOD PRODUCTION AND PROCESSING

1. Nihada Ahmetović, Azra Hodžić, Sejad Mačkić, Amra Čolić, Enida Karić, Amila Hodžić (2018). **Beta-glucan in diet of students in Sarajevo canton.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 39-43.*
2. Milkica Grabež, Vesna Rudic Grujic, Nihada Ahmetovic, Budimka Novaković (2018). **Sodium content and the most important dietary sources of sodium in a sample of student population.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 44-48.*

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3. Alexander Shevchenko, Anatoly Sokolenko, Oleg Stepanets (2018). **Regularities of changes in osmotic pressures, material and energy transformations in fermentation medium.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 49-55.*
4. Gordana Šebek (2018). **Chemical and pomological characteristics of fruit of some commercial pear cultivars grown in conditions of Bjelo Polje.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 56-61.*
5. Fikret Pazir, Gulden Ova, Funda Turan, Yuksel Alper (2018). **Extraction of spaghetti squash (Cucurbita pepo L.) by using supercritical carbon dioxide extraction method.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 62-68.*
6. Petra Strizincova, Ales Haz, Alexandra Sladkova, Igor Šurina (2018). **Total phenolic content in spruce bark.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 69-74.*
7. Andrea Škulcová, Michal Jablonsky (2018). **Properties and thermal behavior of deep eutectic solvents based lactic acid.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 75-80.*
8. Larysa Frolova, Tetyana Gorodetska, Kateryna Ivanchuk, Kateryna Zaychenko, Tetyana Nosova (2018). **Freelance as the main trend in doing business in the food industry.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 81-86.*
9. Mirjana Bojanić Rašović (2018). **The importance of transmission tick-borne encephalitis through milk of infected animals.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 87-90.*
10. Boris Kolesnikov, Nikita Khrapatov, Evgeniy Moskalev, Mark Shamtsyan (2018). **Obtaining of hydrophobins from submerged cultured Trichoderma viride.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 91-95.*
11. Ekaterina Antontceva, Mark Shamtsyan, Alexey Rabin (2018). **Selection of conditions for submerged cultivation of Pleurotus ostreatus.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 96-100.*
12. Evgeniy Chebotarev, Khazbi Sugarov, Andrey Bratsikhin (2018). **Milk and its properties as an object of separation.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 101-106.*
13. Mohamed Frioui, Mark Shamtsyan, Natalia A. Zhilnikova (2018). **Development of new methods for Isolation of mushroom beta-glucans for the use in the food industry and their comparative evaluation.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 107-111.*
14. Valentyn Khorolskyi, Svitlana Yermak, Oleksandr Bavyko, Yuriy Korenets, Nataliia Riabykin (2018). **Technological complex of automated control and management of water purification and bread production with robotic technologic intensifiers.** *Journal of Hygienic Engineering and Design, Vol. 25, pp. 112-120.*

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Journal of Hygienic Engineering and Design – Volume 24

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Vasile Nagy, Dumitru Mnerie (2018). **Some aspects of hygienic engineering in the edible capitalization of natural hog casings.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 3-7.*

FOOD QUALITY AND SAFETY

1. Alena Hejtmánková, Tereza Michlová, Hedvika Dragounová, Nela Maroušková, Magdaléna Bártová (2018). **Influence of somatic cell count on Cl, Na and K content in small ruminant milk.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 11-20.*
2. Ajda Moškrič, Jernej Bubnič, Maja Ivana Smodiš Škerl, Janez Prešern (2018). **Potential positive effects of hop beta acids on parasitic mite Varroa destructor control in honey bee colonies.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 21-28.*

FOOD PRODUCTION AND PROCESSING

1. Irina Polyanskaya, Lidia Stoyanova, Vera Semenikhina, Popova Valentina (2018). **Quasicapsulation of probiotics.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 31-38.*
2. Judit Csonka, László Friedrich, Klára Pásztor-Huszár, Anna Visy, Karina Hidas, Ildikó Zeke (2018). **Suggestions on further development of high-protein egg-based sweet pies.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 39-43.*
3. Natalija Uršulin-Trstenjak, Nives Kosalec, Davor Levanić (2018). **Complementary feeding of infants in northwest Croatia.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 44-54.*
4. Valentyn Khorolskyi, Aleksandr Bavyko, Svitlana Yermak, Yekateryna Riabykina, Kostiantyn Khorolskyi (2018). **Innovative functional food products for the workers of the mining industry.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 55-62.*
5. Gregorij Deynichenko, Samoichuk Kyrylo, Tetyana Yudina, Lubomir Levchenko, Nadiia Palianychka, Valentyna Verkhohantseva, Dmytro Dmytrevskyi, Vitalii Chervonyina Verkhohantseva, Dmytro Dmytrevskyi, Vitalii Chervonyi (2018). **Parameter optimization of milk pulsation homogenizer.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 63-67.*

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6. Olena Zyza, Svitlana Voloshyna, Olena Fomina, Uriy Lazaryshyn, Serhiy Lysevich, Inna Lazaryshyna (2018). **Informational security of the consumer values formation in sustainable development conditions.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 68-74.*
7. Aleksander A. Borisenko, Andrey A. Bratsikhin, Ludmila A. Saricheva, Aleksey A. Borisenko, Gennady V. Slyusarev, Evgeniy A. Chebotarev (2018). **Meat and plant products designing based on the multilevel modeling method.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 75-79.*
8. Aneta Mijoska, Vesna Korunoska-Stevkovska, Julijana Nikolovska, Nikola Gigovski, Sanja Pancevska, Blagoja Dastevski, Marjan Petkov, Efka Zabokova-Bilbilova, Olga Kokoceva Ivanovska, Kristina Mitic (2018). **Determination of secondary caries risk in patients with fixed partial dentures.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 80-83.*
9. Zuzana Sztankoova, Jana Rychtarova, Marketa Borkova, Alena Svitakova, Michal Milerski (2018). **Polymorphism and association of the FASN gene with milk production traits in Czech sheep population.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 84-89.*
10. Jelena Jovanović, Andrea Stefanović, Nataša Šekuljica, Zorica Knežević-Jugović (2018). **Production of wheat gluten hydrolysates with improved functional properties: Optimization of operating parameters by statistical design.** *Journal of Hygienic Engineering and Design, Vol. 24, pp. 90-100.*

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Journal of Hygienic Engineering and Design – Volume 23

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Biljana Gorgeska, Andonela Janeva, Ivana Iceva, Dino Karpicarov, Antonela Velkova, Viktorija Krzovska, Ana Dimitrova, Natali Delipetrova (2018). **Structure and physicochemical properties of antiseptics and disinfectants in relation to their activity.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 3-7.*
2. Karina Grigoryan, Grigori Badalyan, Levon Nersisyan, Levon Tavadyan, Mariam Sargsyan (2018). **Inactivation kinetics of *Escherichia coli* and *Staphylococcus aureus* by a hydrogen peroxide-based disinfectant.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 8-11.*

FOOD QUALITY AND SAFETY

1. Mohammad Zahirul Islam, Mahmuda Akter Mele, Khalid Abdallah Hussein, Jin Ho Joo, Ho-Min Kang (2018). **The effects of antibiotics, neem oil and Trichoderma on spoilage bacteria and fungi of cherry tomatoes.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 15-20.*
2. Adrienn Tóth, Csaba Németh, Rebeka Csáti, Ildikó Zeke, Khabat Noori Hussein, Richárd Pintér, László Friedrich (2018). **A pilot study of ultrasonication pre-treatment and high-pressure processing affecting microbial inactivation and color attributes of liquid whole egg.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 21-24.*
3. Tuomo Eskelinen, Anna-Maria Saarela, Johanna Kantala (2018). **Innovation process to design new staff restaurant services.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 25-29.*
4. Valeria Gaggiu (2018). **Triticale crop and contamination with mycotoxins under the influence of climate change - global study.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 30-45.*
5. Brane Novakovic, Radoslav Grujic (2018). **The specifics of the insurance system to protect food from intentional contamination in the production of powdered food products.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 46-53.*

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FOOD PRODUCTION AND PROCESSING

1. Dzengis Jasar, Vanja Filipovski, Biljana Curcic-Trajkovska, Katerina Kubelka - Sabit (2018). **Potential benefits and controversies related to use of amygdalin (vitamin B17).** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 57-63.*
2. Dasha Mihaylova, Aneta Popova (2018). **Non-traditional grains for a balanced diet.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 64-71.*
3. Fani Gulevska, Sasko Martinovski (2018). **Nutritive marketing and analysis of consumption behaviour for honey.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 72-80.*
4. Zora Uzunoska, Tatjana Kalevska, Viktorija Stamatovska, Katerina Belichovska, Daniela Belichovska, Daniela Nikolovska Nedelkoska, Tatjana Blazevska (2018). **Vegetable consumption and bone mineral density in females.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 81-90.*
5. Ewa Błaszczyk-Bębenek, Paweł Jagielski, Małgorzata Schlegel-Zawadzka (2018). **Characteristics of energy drink consumption among adolescents from southern Poland.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 91-98.*
6. Januz Duraj, Vangjel Ceroni (2018). **Biochemical indicators in serum influenced by the downer syndrome in dairy cows.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 99-102.*
7. Gordana Šebek (2018). **Privilege of selected biotypes of wild apples (*Malus sylvestris* Miller) for the production of generative rootstocks.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 103-113.*
8. Valentina Krishtafovich, Dmitry Krishtafovich, Miroslav Djordjevic, Diana Shara Futdinova (2018). **Optimizing the formula of meat-containing half-finished products in dough.** *Journal of Hygienic Engineering and Design, Vol. 23, pp. 114-118.*

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Journal of Hygienic Engineering and Design – Volume 22

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Taweepol Suesut, Maethinee Songthai, Navaphattra Nunak (2018). **Investigation of soy milk deposited on stainless steel by infrared thermography.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 3-8.*

FOOD QUALITY AND SAFETY

1. Mirjana Bojanić Rašović (2018). **Helminthes that are transmitted through food to humans.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 11-17.*
2. Rreze Gecaj, Bajram Berisha, Flutura Ajazi, Skënder Muji (2018). **Detection of ingredients in salami and sausages from different brands sold in Kosovo market by PCR.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 18-24.*
3. Gjore Nakov, Viktorija Stamatovska, Nastia Ivanova, Stanka Damyanova, Tzonka Godjevargova, Daliborka Koceva Komlenić (2018). **Physicochemical characteristics of functional biscuits and *in vivo* determination of glucose in blood after consumption of functional biscuits.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 25-32.*
4. Abdymanap A. Ospanov, Carmen Violeta Popescu, Nurzhan Zh. Muslimov, Liviu Gaceu, Aigul K. Timurbekova, Manea Stefan, Alina Dune, Candice Popescu, Gulnara B. Jumabekova (2018). **Study of the food safety and nutritional value of the buckwheat grains of Kazakhstani selection.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 33-38.*

FOOD PRODUCTION AND PROCESSING

1. Igor Penkov (2018). **Intelligent system and equipment for greenhouses monitoring.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 41-46.*
2. Ekaterina Antontceva, Sergei Sorokin, Mark Shamtsyan, Ludmila Krasnikova (2018). **Influence of *Pleurotus ostreatus* preparations on fermentation products of lactic acid cultures.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 47-52.*
3. Ekaterina Chikova-Iscener, Veselka Duleva (2018). **School environment characteristics and nutritional status of nationally representative sample of 7-years-old Bulgarian schoolchildren in 2016.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 53-60.*

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4. Mehmed Hero, Sejad Mačković, Nihada Ahmetović, Amra Čolić, Aida Šukalić, Azra Hodžić, Edisa Brkić, Enida Karić (2018). **Dietary risk assessment of pesticide residues in bananas.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 61-65.*
5. Péter Penksza, Zsófia Banka, Kun Szilárd, Klára Pásztorné Huszár, Csaba Németh, Adrienn Tóth, Juhász Réka (2018). **Utilization of xylo-oligosaccharides as prebiotics in yoghurt.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 66-71.*
6. Ales Haz, Michal Jablonsky, Veronika Majova, Andrea Skulcova, Petra Strizincova (2018). **Comparison of different extraction methods for the extraction of total phenolic compounds from spruce bark.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 72-75.*
7. Michal Jablonsky, Veronika Majova, Andrea Skulcova, Ales Haz (2018). **Delignification of pulp using deep eutectic solvents.** *Journal of Hygienic Engineering and Design, Vol. 22, pp. 76-81.*

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Journal of Hygienic Engineering and Design – Volume 21

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Lars Andre Langoeyli Giske, Ola Jon Mork, Emil Bjoerlykhaug (2017). **Improving cleanability by innovating design.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 3-9.*

FOOD QUALITY AND SAFETY

1. Vladimir Kakurinov (2017). **Human behavior - 4th hazard in food safety.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 13-17.*
2. Vildana Hadžić, Azra Bačić, Nihada Ahmetović (2017). **Microbiological analysis of pasteurized and sterilized milk with emphasis on the impact of storage time and temperature on the growth and development of microorganisms.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 18-22.*
3. Brane Novakovic, Radoslav Grujic (2017). **Importance of adequate hand hygiene of food handlers in snail's meat processing.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 23-28.*
4. Sejad Mačkić, Nihada Ahmetović, Boris Antunović, Maja Miškulin, Enida Karić (2017). **Study of the effects of zearalenone on ovarian weight of rats.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 29-33.*
5. Eugene V. Moskalev, Mark M. Shamtsyan, Alexey V. Rabin (2017). **Biocidal properties of betulin and its application in filters for water treatment.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 34-37.*

FOOD PRODUCTION AND PROCESSING

1. Alexander Bavyko (2017). **Nutritional value and safety of aquaculture products in Ukraine.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 41-49.*
2. Zuzana Sztankoova, Jana Rychtarova, Alena Svitakova, Michal Milerski (2017). **Polymorphism at btn1a1, SCD and LPL and its association on milk parameters in Czech white shorthaired goat breed.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 50-55.*

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3. Gordana Šebek (2017). **Possibility of producing one-year old seedlings of the autochthonous apple varieties in the region of north Montenegro.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 56-63.*
4. Jana Rychtarova, Zuzana Sztankoova, Alena Svitakova (2017). **Association of polymorphism at BTN1A1, SCD and LPL gene on somatic cell count in Czech white shorthaired goat breed.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 64-69.*
5. Irina Polyanskaya, Alla S. Teraevich, Valentina Popova, Tatiana D. Sultimanova, Lidia G. Stoyanova (2017). **Bio-elements in functional foods.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 70-76.*
6. Olena Fomina, Olena Zyza (2017). **Economic behavior and environmental ethics in the context of sustainable development.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 77-82.*
7. Katerina Zlatanovska, Cena Dimova, Julija Zarkova-Atanasova, Vesna Korunoska-Stevkovska, Nikola Gigovski, Darko Kocovski (2017). **Oral hygiene in patients with fixed prosthodontic restorations.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 83-89.*
8. Gjore Nakov, Daliborka Koceva Komlenić, Viktorija Stamatovska, Ana Šušak, Marko Jukić (2017). **Influence on time of baking and different role of barley flour on the colour of the biscuits.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 90-95.*
9. Svitlana Yermak (2017). **Problems of innovative activity development at food industry enterprises of Ukraine.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 96-102.*
10. Andrey Bratsikhin, Konstantin Kostenko, Dinara Salmanova (2017). **Reconstitution of dry whey by cavitation disintegration based on the water catholyte.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 103-107.*
11. Sanja Naskova, Snezana Iljovska, Cena Dimova, Katerina Zlatanovska, Julija Zarkova-Atanasova (2017). **The correlation between dental caries and socio- economic status in children from 4 - 6 years.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 108-114.*
12. Mona Elena Popa, Alexandra Jurcoane, Elena Tanase, Amalia Mitelut, Paul Popescu, Vlad Ioan Popa, Mihaela Draghici (2017). **Influence of different product attributes on Romanian consumer purchase decisions for organic dried berries.** *Journal of Hygienic Engineering and Design, Vol. 21, pp. 115-120.*

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Journal of Hygienic Engineering and Design – Volume 20

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Trond Løvdal, Lars A. L. Giske, Emil Bjørlykhaug, Ingrid B. Eri, Ola J. Mork (2017). **Hygienic standards and practices in Norwegian salmon processing plants.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 3-11.*

FOOD QUALITY AND SAFETY

1. Andrey Bratsikhin, Konstantin Kostenko, Elena Leschenko (2017). **Research of reconstituted whey particle size changing during its storage.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 15-19.*
2. Vezirka Jankuloska, Ilija Karov, Gorica Pavlovska (2017). **Analysis of trifloxystrobin in golden delicious and idaret by liquid chromatography - tandem mass spectrometry (LC/MS/MS).** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 20-24.*
3. Lidia G. Stoyanova, Iliy V. Vodolazov, Sara D. Dbar, Alexander V. Oleskin (2017). **Probiotic strains of *Lactococcus lactis* subsp. *lactis* produce neuroactive substances.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 25-31.*

FOOD PRODUCTION AND PROCESSING

1. Jelena Miocinovic, Zorana Miloradovic, Mira Radovanovic, Sladjana Perunicic, Predrag Pudja, Slavko Mirecki (2017). **Proteolysis during ripening of traditional Montenegrin white brined Pljevlja cheeses.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 35-40.*
2. Natalija Uršulin-Trstenjak, Kristina Leščanec Viktorovski, Brankica Klepić, Davor Levanić, Aleksandar Racz (2017). **Adolescents' attitudes towards eating and their body image.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 41-47.*
3. Julija Zarkova Atanasova, Katerina Zlatanovska, Cena Dimova, Sanja Naskova, Lidija Popovska (2017). **Spectrophotometric analysis of natural teeth color in patients with different oral hygiene habits.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 48-53.*
4. Biljana Evrosimovska, Cena Dimova (2017). **Matrix metalloproteinases in oral diseases (with accent on matrix metalloproteinase-1 in chronic periapical lesions).** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 54-59.*

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5. Eldar Ruslanovich Yagmurov, Grigori Vladimirovich Kozlov, Mikhail Alekseyevich Pushkarev (2017). **Lipase purification: The review of conventional and novel methods.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 60-69.*
6. Konstantin Kostenko, Andrey Bratsikhin, Aleksey Borisenko, Dinara Salmanova, Elena Leshchenko (2017). **Computer modeling of whey protein β -lactoglobulin behavior in the activated liquid systems.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 70-74.*
7. Darko Kocovski, Verica Toneva, Cena Dimova, Katerina Zlatanovska, Sanja Naskova (2017). **Oral hygiene level maintenance of dental medicine students.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 75-81.*
8. Aleksandr A. Borisenko, Andrey A. Bratsikhin, Ludmila A. Saricheva, Aleksey A. Borisenko, Konstantin V. Kostenko (2017). **Forecasting of functional properties of the soya protein based on the molecular dynamic's method.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 82-85.*
9. Thi Vu, Irina Mgebrishvili, Valentina Hramova, Alina Korotkova, Ivan Gorlov (2017). **The analysis of the using efficiency Japanese matcha tea in the fermented milk products production.** *Journal of Hygienic Engineering and Design, Vol. 20, pp. 86-91.*

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Journal of Hygienic Engineering and Design – Volume 19

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Svetlana Plotean (2017). **Design and technical features increasing food safety of an IQF freezer.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 3-7.*

FOOD QUALITY AND SAFETY

1. Daniela Nikolovska Nedelkoska, Sasko Martinovski, Aneta Nikolovska (2017). **Development of a food frequency questionnaire to assess the dietary intake of a phytate in the urban Macedonian population.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 11-14.*
2. Gorica Pavlovska, Violeta Ognenovska, Vezirka Jankuloska, Vesna Antoska Knights (2017). **Whether, when and why the population of the Pelagonia region used artificial sweeteners and how they know them?** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 15-19.*
3. Jasenka Gajdoš Kljusurić, Marija Čačić, Jasna Čačić (2017). **Application of multivariate tools in establishing relations between cardiovascular health and physical activity based on a survey.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 20-25.*
4. Natalija Uršulin-Trstenjak, Brankica Vitez, Davor Levanić, Melita Sajko, Marijana Neuberger (2017). **Protein-energy status in patients receiving dialysis.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 26-30.*
5. Zora Uzunoska, Tatjana Kalevska, Viktorija Stamatovska, Katerina Belichovska, Daniela Belichovska, Dragan Damjanovski (2017). **An example on what Macedonian population knows about food allergies and food intolerance.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 31-40.*

FOOD PRODUCTION AND PROCESSING

1. Natasha Daniloska (2017). **Knowledge transfer trough knowledge system in organic agriculture.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 43-48.*
2. Igor Sergeev, Elena Krasilnikova, Svetlana Mukhutdinova (2017). **Monitoring food security and safety in the Eurasian Economic Union (EAEU).** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 49-54.*

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3. Januz Duraj, Vangjel Ceroni (2017). **Hematologic indicators influenced by the downer syndrome in dairy cows.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 55-57.*
4. Liliana Carmen Bădărău, Băărăscu Nina, Ștefan Maria, Hermeziu Radu (2017). **Before and after potato virus Y necrotic strains (PVYN) inoculation.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 58-63.*
5. Ermal Yzeiraj, Vangjel Ceroni (2017). **The relationship between reproduction indicators and the structure of food ration, in the dairy cows' farms.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 64-66.*
6. Viktorija Stamatovska, Ljubica Karakasova, Frosina Babanovska-Milenkovska, Gjore Nakov, Tatjana Blazevska, Namik Durmishi (2017). **Production and characterization of plum jams with different sweeteners.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 67-77.*
7. Linda Luarasi, Rozana Troja, Luljeta Pinguli (2017). **Yeast vitality monitoring during the fermentation process of beer production.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 78-81.*
8. Mite Ilievski, Ljupco Mihajlov, Dragica Spasova, Verica Ilieva, Natalija Markova Ruzdic, Pavle Vuckov (2017). **Oil profile of some genotypes of flax (*Linum usitatissimum* L.) manufactured in the Strumica region, Republic of Macedonia.** *Journal of Hygienic Engineering and Design, Vol. 19, pp. 82-85.*

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Journal of Hygienic Engineering and Design – Volume 18

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Christian Gerhards, Maria Schramm, Markus Kiesel, Nicolai Beisheim (2017). **Virtual cleaning of machines and equipment in food industry.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 3-8.*

FOOD QUALITY AND SAFETY

1. Donka Doneva-Sapceska, Sonja Alchevska (2017). **Analysis of effectiveness of HACCP system in small restaurants in Skopje.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 11-18.*
2. Dragan Vujadinović, Mirjana Beribaka, Milan Vukić, Željka Marjanović-Balaban (2017). **Comparison of methods for determining the falsification of milk.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 19-24.*
3. Slavica Vesković Moračanin, Dragutin Djukić, Nevijo Zdolec, Milan Milijašević, Pavle Mašković (2017). **Antimicrobial resistance of lactic acid bacteria in fermented food.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 25-35.*
4. Edlira Shahinasi, Ferdi Brahusi, Ariola Devolli, Mariola Kodra (2017). **The ecotoxicology of pesticides group of triazole and their use to control apple scab (*Venturia inaequalis*).** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 36-42.*

FOOD PRODUCTION AND PROCESSING

1. Pavao Ivić (2017). **Gastronomy of island Pag.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 45-48.*
2. Meri Zaja, Blagoja Dolgoski, Mirjana Krstevska, Elizabeta Angelova (2017). **Determination of the cubital index at honey bees from autochthonous population (*Apis mellifera macedonica*) in Mariovo region.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 49-53.*
3. Entela Hodaj-Çeliku, Olga Tsiftoglou, Lulëzim Shuka, Sokol Abazi, Dimitra Hadipavlou-Litina, Diamanto Lazari (2017). **Antioxidant activity and volatiles constituents of wild and cultivated *Salvia officinalis* essential oils from Albania.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 54-58.*

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4. Mimoza Bala, Rozana Troja, Nereida Dalanaj (2017). **Antioxidant effects of natural bioactive compounds.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 59-62.*
5. Aleksandra Martinovic, Darko Konjevic, Jovana Drobnjak, Vesna Boljevic (2017). **Trends of agricultural policy in Montenegro.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 63-70.*
6. Trajko Miceski, Silvana Pasovska (2017). **Demographic changes of fertility and life expectancy impact on food consumption tendencies.** *Journal of Hygienic Engineering and Design, Vol. 18, pp. 71-76.*

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Journal of Hygienic Engineering and Design – Volume 17

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Hein Timmerman (2016). **Validation, a challenge in cleaning protocols.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 5-8.*

FOOD QUALITY AND SAFETY

1. Gabriel Mustatea, Enuta Iorga, Nastasia Belc, Valentin Ionescu, Mariana Ionescu (2016). **Analysis of potential carcinogenic heavy metals in fruits and vegetables with impact on the markets of Bucharest-Ilfov region.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 11-17.*
2. Natalija Uršulin-Trstenjak, Davor Levanić, Dean Šalamon, Dinko Puntarić, Melita Sajko (2016). **Implementation of informatization in organizing hospital meals in the republic of Croatia.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 18-23.*
3. Nadica Ilievska, Valentina Pavlova (2016). **The benefits of nutrition and supplementation treatment for chronic non-communicable disease with alpha lipoic acid.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 24-27.*
4. Başak Özdemir, Saadet Sevil Yücel, Yeşim Okay (2016). **Health properties of almond.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 28-33.*
5. Dragan Vujadinović, Vesna Gojković, Milan Vukić, Vladimir Tomović (2016). **Risk analysis for the presence of sodium and phosphates salts in the model systems of organic cooked sausage.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 34-42.*
6. Amir Ganić, Marina Krvavica, Ivona Babić (2016). **Influence of the researched area and part of the carcass on some quality indicators of sheep dry-cured ham.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 43-52.*

FOOD PRODUCTION AND PROCESSING

1. Frederik Dara, Ariola Devolli (2016). **Applying artificial neural networks (ANN) techniques to automated visual apple sorting.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 55-63.*

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2. Meri Zaja, Elizabeta Angelova (2016). **Breeding of bee families in skeps and organic honey production on traditional way in the Republic of Macedonia and in the Balkan region.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 64-67.*
3. Terkida Vaso, Luljeta Xhagolli, Ilirjan Malollari (2016). **Kinetic parameters study of heterogeneous fermentation systems with immobilized yeast.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 68-71.*
4. Aftab Ahmed, Shinawar Waseem Ali, Khalil-Ur-Rehman, Shakir Manzoor, Syed Rajab Ayub (2016). **Development and organoleptic evaluation of *Moringa* - *Aloe Vera* blended nutraceutical drink.** *Journal of Hygienic Engineering and Design, Vol. 17, pp. 72-78.*

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Journal of Hygienic Engineering and Design – Volume 16

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Biljana Curcic-Trajkovska, Dzengis Jashar (2016). **An old/new tool that prevents bacterial surface survival.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 5-9.*

FOOD QUALITY AND SAFETY

1. Cecilia Georgescu, Adriana Birca, Monica Mironescu, Mihaela Adriana Tita, Mark Shamtsyan, Ion Dan Mironescu, Ovidiu Tita (2016). **Consumer perceptions of nutrition and health claims from food labels in Romania.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 13-18.*
2. Lidia G. Stoyanova, Mariy V. Napalkova, Alexander I. Netrusov (2016). **The creating a new biopreservative based on fusant strain *Lactococcus lactis* ssp. *lactis* F-116 for food quality and its safety.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 19-27.*
3. Linda Luarasi, Rozana Troja, Luljeta Pinguli (2016). **Microbiological safety and quality evaluation of the raw materials used in beer production.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 28-31.*
4. Ion Dan Mironescu, Monica Mironescu (2016). **Modeling the action of microwaves on *Escherichia coli*.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 32-37.*
5. Valeria Gagi, Livia Doja, Elena Mateescu, Irina Smeu, Mirela Elena Cucu, Alina Alexandra Dobre, Oana Oprea, Enuta Iorga, Nastasia Belc (2016). **Contamination with deoxynivalenol in the milling - bakery industry under the influence of climatic conditions from Romania.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 38-44.*
6. Natalya Bashun, Natalya Chugai, Evgeny Olizarovich, Alexey Kovalko (2016). **Formation of bases of a healthy diet in natural science and technology education at the university level.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 45-49.*

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1. Sasko Martinovski (2016). **Nutrition business models of consumer behaviour when purchasing self-explanatory food products.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 53-58.*

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2. Vilma Gurazi, Luljeta Xhagolli, Rozana Troja, Shpresa Hereni (2016). **Influence of the medium on the alcoholic fermentation performance of two different immobilization yeast techniques compared to free yeast cell fermentation.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 59-63.*
3. Salem Embiriekah, Maja Bulatović, Milka Borić, Danica Zarić, Slavica Arsić, Marica Rakin (2016). **Selection of *Lactobacillus* strains for improvement of antioxidant activity of different soy, whey and milk protein substrates.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 64-69.*
4. Luziana Hoxha, Renata Kongoli (2016). **Evaluation of antioxidant potential of Albanian fig varieties "Kraps Zi" and "Kraps Bardhe" cultivated in the region of Tirana.** *Journal of Hygienic Engineering and Design, Vol. 16, pp. 70-74.*

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Journal of Hygienic Engineering and Design – Volume 15

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Ariola Devolli, Mariola Kodra, Edlira Shahinasi, Dhurata Feta, Frederik Dara (2016). **Hygienic control in beer bottling and dispensing system**. *Journal of Hygienic Engineering and Design*, Vol. 15, pp. 5-11.

FOOD QUALITY AND SAFETY

1. DzenGIS Jasar, Biljana Curcuk - Trajkovska, Vanja Filipovski, Katerina Kubelka - Sabit (2016). **Food allergy diagnostics: Immunologic reactions to foods and food additives**. *Journal of Hygienic Engineering and Design*, Vol. 15, pp. 15-22.
2. Melita Sajko, Natalija Uršulin Trstenjak, Davor Levanić, Jurica Veronek (2016). **Informatics survey of university students about the role of risk factors for the emergence of chronic diseases**. *Journal of Hygienic Engineering and Design*, Vol. 15, pp. 23-30.
3. Mioara Negoită, Enuța Iorga, Adriana Laura Mihai, Giuseppe Spadaroă, Enuță, Enuța Iorga, Adriana Laura Mihai, Giuseppe Spadaro Iorga, Adriana Laura Mihai, Giuseppe Spadaro (2016). **Investigations regarding the influence of certain types of fat content on acrylamide level in biscuits**. *Journal of Hygienic Engineering and Design*, Vol. 15, pp. 31-41.
4. Saša Šušnić, Natalija Uršulin-Trstenjak, Davor Levanić, Vesna Šušnić, Dijana Tomić Linšak (2016). **Characteristics and specifics of FSSC 22000 applying in the meat industry**. *Journal of Hygienic Engineering and Design*, Vol. 15, pp. 42-48.

FOOD PRODUCTION AND PROCESSING

1. Mark Shamtsyan (2016). **Potential to develop functional food products from mushroom bioactive compounds**. *Journal of Hygienic Engineering and Design*, Vol. 15, pp. 51-59.
2. Tamara Elena Mihociu, Nastasia Belc, Paul Mihai Apostu, Fulvia Manolache, Valentin Ionescu, Gabriel Mustatea (2016). **Lipid oxidation when adding vegetal oils and walnut in meat products**. *Journal of Hygienic Engineering and Design*, Vol. 15, pp. 60-65.

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3. Monica Mironescu, Ion Dan Mironescu, Cecilia Georgescu (2016). **Investigations on using wastewater from corn processing as substrate for probiotics.** *Journal of Hygienic Engineering and Design, Vol. 15, pp. 66-71.*
4. Dragan Vujadinović, Mirjana Beribaka, Milan Vukić, Željka Marjanović-Balaban (2016). **Effects of incubation condition and different starter strains for the production of nitrites from natural nitrate sources.** *Journal of Hygienic Engineering and Design, Vol. 15, pp. 72-77.*
5. Pelin Ertürkmen, Gülden Başığit Kiliç, Birol Kiliç (2016). **Utilization of lactic acid bacteria and probiotics on meat products.** *Journal of Hygienic Engineering and Design, Vol. 15, pp. 78-82.*
6. Shinawar Waseem Ali, Mateen Ahmad, Muhammad Awais, Aftab Ahmed (2016). **Management of citrus waste in Pakistan's perspective.** *Journal of Hygienic Engineering and Design, Vol. 15, pp. 83-88.*

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Journal of Hygienic Engineering and Design – Volume 14

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Sofija Petkovska, Biljana Gjorgjeska (2016). **Analysis of used disinfectants and antiseptics correlated with the occurrence of nosocomial infections - General hospital Strumica, Republic of Macedonia in period of 2010 - 2014.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 3-9.*

FOOD QUALITY AND SAFETY

1. Biljana Curcic-Trajkovska, Dzengis Jashar (2016). **Our food and the accompanying person(s).** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 13-18.*
2. Arviola Hodaj, Besnik Baraj, Alma Shehu (2016). **Assessment of seasonal variations of quality indicators in water of Tirana lake.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 19-24.*
3. Dragutin Djukic, Slavica Veskovic Moracanin, Milan Milijasevic, Jelena Babic, Nurgin Memisi, Leka Mandic (2016). **Food safety and food sanitation.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 25-31.*
4. Flakrim Aliu, Zehra Hajrullai, Suzana Aliu (2016). **Determination of the concentration of organochlorine pesticides in lake Ohrid fish *Salmothimus ohridanus*.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 32-36.*
5. Ranela Ceci, Erjon Troja, Donika Prift, Melisa Troshani (2016). **Evaluation of microbiological safety in medicinal products marketed in Albania and commonly used in cardiovascular diseases.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 37-41.*

FOOD PRODUCTION AND PROCESSING

1. Mihaela Botis Nistoran, Dumitru Mnerie (2016). **Comparison between bioalcohol obtaining from starch and molasses.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 45-48.*
2. Turan Karadeniz, Tuba Bak, Hüseyin Deligöz (2016). **Developments in the shoots and fruit of *Siyah fig* grown in two different altitudes.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 49-53.*

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4. Dumitru Mnerie, Liviu Gaceu, Oleksii Gubenia, Mark Shamtsyan, Adriana Birca, Gabriela Victoria Mnerie (2016). **Comparative study on the evolution of the food labeling quality in some countries from the Black Sea region.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 60-65.*
5. Turan Karadeniz, Tuba Bak (2016). **Clonal selection in Siyah cultivars at Black Sea region of Turkey.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 66-68.*
6. Cena Dimova, Milka Zdravkovska (2016). **Evaluation life quality of oral anticoagulated patients following oral surgical interventions.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 69-76.*
7. Valentina Pavlova, Marija Menkinoska, Tatjana Blazevska, Margarita Tumbova (2016). **Nutritional therapy of patients with inflammation of the gallbladder and biliary.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 77-82.*
8. Cena Dimova, Lidija Popovska, Mirjana Popovska, Biljana Evrosimovska (2016). **Evaluation of life quality after apicoectomy using two different flap design.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 83-89.*
9. Gordana Panova, Lence Nikolovska, Gjorgi Sumanov, Daniela Jovancevska (2016). **Dietary and nutritional status of children from preschool age in eastern Macedonia.** *Journal of Hygienic Engineering and Design, Vol. 14, pp. 90-93.*

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Journal of Hygienic Engineering and Design – Volume 13

Journal sections:

- Food Quality and Safety
- Food Production and Processing

FOOD QUALITY AND SAFETY

1. Csaba Németh, Dávid Láng, Adrienn Tóth, József Surányi, László Friedrich (2015). **Microbiological condition of “eggshell flour” in the food industry.** *Journal of Hygienic Engineering and Design, Vol. 13, pp. 3-6.*
2. Entela Hodaj, Diamanto Lazari, Lulezim Shuka (2015). **Volatiles constituents from the leaves, flowers and stems of *Centaurea vlachorum* Hartvig (Asteraceae), growing wild in Albania.** *Journal of Hygienic Engineering and Design, Vol. 13, pp. 7-9.*
3. Suzana Stojanovska, Julijana Tomovska (2015). **Factors influence to formation of acrylamide in food.** *Journal of Hygienic Engineering and Design, Vol. 13, pp. 10-15.*
4. Almir Toroman, Enver Karahmet, Damir Hušidić, Adela Bektaš, Nermina Đulančić, Lejla Musić (2015). **Determining the cause of deviation in feed systems soft drinks applying Pareto methods.** *Journal of Hygienic Engineering and Design, Vol. 13, pp. 16-21.*
5. Slavica Veskovica Moracanin, Dragutin Djukic, Branka Borovic, Nurgin Memisi (2015). **Antilisterial effect of bacteriocin isolated from *Enterococcus faecalis* during the fermentation of soft white cheese.** *Journal of Hygienic Engineering and Design, Vol. 13, pp. 22-27.*
6. Entela Hodaj, Olga Tsiftoglou, Diamanto Lazari, Erjon Mamoci, Dimitra Hadjipavlou-Litina (2015). **Antioxidant activity and composition of essential oils of five aromatic and medicinal plants from Albania.** *Journal of Hygienic Engineering and Design, Vol. 13, pp. 28-34.*
7. Asad Nawaz, Shinawar Waseem Ali, Muhammad Riaz, Zulfiqar Ahmad (2015). **Comparison of the quality of fruit juices being sold in local markets of Lahore, Pakistan.** *Journal of Hygienic Engineering and Design, Vol. 13, pp. 35-39.*
8. Ancuta Doncean, Renata Şumălan, Carmen Beinşan, Iosif Gergen, Radu Şumălan (2015). **Influence of different types and mixtures of composts on quality of tomatoes fruits (*Solanum lycopersicum* L.).** *Journal of Hygienic Engineering and Design, Vol. 13, pp. 40-47.*

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FOOD PRODUCTION AND PROCESSING

1. Biljana Lončar, Vladimir Filipović, Milica Nićetin, Violeta Knežević, Lato Pezo, Bojana Filipčev, Jasmina Gubić (2015). **Influence of osmotic solutions on efficiency of osmotic dehydration treatment and sensorial properties of fish meat (*Carassius gibelio*)**. *Journal of Hygienic Engineering and Design*, Vol. 13, pp. 51-56.
2. Andreja Borec, Jernej Prišenk (2015). **Sustainable growth of value-based food chains: Balance between quality differentiation, volume and economic performance**. *Journal of Hygienic Engineering and Design*, Vol. 13, pp. 57-60.
3. Melita Sajko, Natalija Ursulin-Trstenjak, Ivana Zivoder, Kristina Rajkovic (2015). **Nurse in prevention of eating disorders**. *Journal of Hygienic Engineering and Design*, Vol. 13, pp. 61-67.
4. Natalija Uršulin-Trstenjak, Davor Levanić, Saša Šušnić, Dario Lasić, Vesna Šušnić (2015). **Determination of geographical origin of black locust honey of five Croatian regions by applying the PCA method**. *Journal of Hygienic Engineering and Design*, Vol. 13, pp. 68-74.
5. Milica Nićetin, Biljana Lončar, Vladimir Filipović, Violeta Knežević, Tatjana Kuljanin, Lato Pezo, Stanislava Gorjanović (2015). **Changes in antioxidant activity and phenolic content of celery leaves and root during osmotic treatment**. *Journal of Hygienic Engineering and Design*, Vol. 13, pp. 75-81.
6. Markéta Borková, Klára Michnová, Ivana Hyršlová, Milena Fantová, Ondřej Elich (2015). **Changes in fatty acid profile of goat butter from goats fed algae**. *Journal of Hygienic Engineering and Design*, Vol. 13, pp. 82-89.
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8. Valentina Arapi, Artiona Laze, Vjollca Ibro, Fetah Elezi, Vlash Mara, Aferdita Kasmi, Rajmond Meli (2015). **Variation of some qualitative indicators of wheat genetic material from agricultural university of Tirana (AUT) collection**. *Journal of Hygienic Engineering and Design*, Vol. 13, pp. 94-99.
9. Shinawar Waseem Ali, Asad Nawaz, Sana Irshad, Aftab Ahmed Khan (2015). **Potato waste management in Pakistan's perspective**. *Journal of Hygienic Engineering and Design*, Vol. 13, 100-107.
10. Vladimir Filipović, Biljana Lončar, Milica Nićetin, Violeta Knežević, Marijana Ačanski, Olivera Šimurina (2015). **Comparison of osmotic medium osmolality profiles of co- and counter-current pork meat osmotic dehydration**. *Journal of Hygienic Engineering and Design*, Vol. 13, 108-113.

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11. Violeta Knežević, Lato Pezo, Biljana Lončar, Milica Nićetin, Vladimir Filipović, Stanislava Ž. Gorjanović, Desanka Ž. Sužnjević (2015). **Osmotic treatment of nettle leaves - optimization of kinetics and antioxidant activity**. *Journal of Hygienic Engineering and Design*, Vol. 13, pp. 114-119.

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Journal of Hygienic Engineering and Design – Volume 12

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Biljana Curcic-Trajkovska (2015). **Bacterial biofilms mess up in food industry!?** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 3-7.*
2. Debra Smith (2015). **The hygienic design of food industry brushware - The good, the bad and the ugly.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 8-17.*
3. Jelena Ivanović, Jelena Janjić, Radmila Marković, Marija Dokmanović, Marija Bošković, Nina Dimovska, Milan Ž. Baltić. (2015). **Presence of selected microorganisms on meat contact surfaces in the meat cutting facility.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 18-23.*
4. Jelena Janjić, Nina Dimovska, Jelena Ivanović, Marija Bošković, Vesna Đorđević, Tatjana Baltić, Milan Baltić (2015). **Microbiological status of kitchen surfaces in households.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 24-27.*
5. Samir Kalit, Tomislav Kos, Milna Tudor Kalit, Ivica Kos (2015). **The efficacy of electrolysed oxidizing water as a disinfectant in the dairy industry.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 28-32.*
6. Tadeusz Matuszek (2015). **Nano-structure and nanotechnology applied to food industry processes and engineering equipment.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 33-36.*

FOOD QUALITY AND SAFETY

1. Aleksandar Saveski, Valentina Pavlova, Tatjana Kalevska, Viktorija Stamatovska, Marija Srbinoska (2015). **Measuring the quantity of anthocyanidins in frozen fruits.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 39-43.*
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3. Dzenis Jasar, Vanja Filipovski, Katerina Kubelka - Sabit (2015). **Nutritional epidemiology - Dietary patterns and the role of hormones in breast cancer.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 49-54.*

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4. Edlira Baraj, Raimonda Tottoni Lilo, Rigerta Sadikaj (2015). **Determination of mycotoxin producing fungi in barley malt by using microcultiive technique.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 55-59.*
5. Marinela Muço, Anila Kopali, Lumturi Xhelilaj Muço (2015). **Physical and chemical characteristics of olive oils from autochthonous Albanian olive varieties.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 60-65.*
6. Natalija Uršulin-Trstenjak, Aldin Dugonjić, Davor Levanić, Saša Šušnić, Vesna Šušnić (2015). **The specifics of HALAL standard-HRN BAS 1049:2010.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 66-70.*
7. Afriola Ceta, Anisa Kristo, Klodjan Zotaj, Elena Muca, Rozana Troja (2015). **Morphological and physiological characterization of specific microbial strains isolated from liquid substrates.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 71-75.*
8. Vesna Gojkovic, Zeljka Marjanovic-Balaban, Milan Vukic, Radoslav Grujić, Brane Novaković (2015). **Allergens management system in the food production.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 76-84.*
9. Elena Valerevna Anikina, Miroslav Djordjevic, Miroslav Djordjevic (2015). **International experience of wine-making production traceability system use.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 85-89.*

FOOD PRODUCTION AND PROCESSING

1. Brane Novaković, Radoslav Grujić, Dragan Vujadinović (2015). **Value chain analysis for meat and meat products.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 93-102.*
2. Elena Andreeva (2015). **Foodstuff: Structure, quality and classification in international trade.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 103-106.*
3. Adrienn Tóth, Csaba Németh, László Friedrich, Réka Juhász (2015). **Solutions for storage life and packaging of sliced, cooked egg products.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 107-110.*
4. Maiya Boykova, Dmitrii Zerkin, Elena Gayko (2015). **Integration principles realization in the regional economic associations.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 111-113.*
5. Rigerta Sadikaj, Edlira Baraj, Dritan Arapi, Iva Mehja (2015). **The study of some characteristics of ichthyic populations with commercial interest in the lake of Ohrid.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 114-117.*
6. Adrienn Tóth, Péter Palotás, Csaba Németh, Barbara Csehi, Louis Argüello Castillo, László Friedrich, Csaba Balla, Péter Póti (2015). **Increasing shelf life of fish through high hydrostatic pressure treatment.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 118-122.*

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7. Elena Vladimirovna Krasilnikova, Lyudmila Vladimirovna Kutchinskaya, Miroslav Djordjevic, Miroslav Djordjevic (2015). **Important problems of foodstuff terminology harmonization when importing in the Euro-Asian economic union.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 123-128.*
8. Stela Velo, Dritan Topi (2015). **Study of Kalinjoti extra virgin olive oils, fatty acids profiles and trans-isomers.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 129-133.*
9. Marijan Stevanovski, Dijana Jovanoska (2015). **The relation between the long-term investments and the risk in agro-industrial complex.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 134-138.*
10. Jelena D. Ilic, Ivana S. Loncarevic, Jovana S. Petrovic, Branislava G. Nikolovski (2015). **Preparation of the W/O/W emulsions containing garlic extract incorporated into internal water phase using stirred cell membrane emulsification.** *Journal of Hygienic Engineering and Design, Vol. 12, pp. 139-145.*

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Journal of Hygienic Engineering and Design – Volume 11

Journal sections:

- Food Quality and Safety
- Food Production and Processing

FOOD QUALITY AND SAFETY

1. Biljana Trajkovska, Ljupce Kochoski, Vesna K. Hristova, Borce Makarijoski, Julijana Tomovska (2015). **Influence of management practices on somatic cell count and total bacteria count in cow's bulk tank milk.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 3-8.*
2. Jasmina Stojiljkovic, Zoran Stojiljkovic (2015). **Shigellosis by areas, years, months, gender and age of population in the Serbia.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 9-14.*
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4. Vera Simovska, Vesna Antoska-Knights (2015). **Improving public health through nutrition education and research: Support to proactive partnership to produce quality education standards for nutritionists.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 20-23.*
5. Ilija Ilijoski, Anastasika Poposka, Dijana Jovanoska (2015). **Nutritional status, diet and malnutrition assessment, and early detection of health risks from chronic non-contagious diseases at preschool and school children.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 24-30.*

FOOD PRODUCTION AND PROCESSING

1. Bojan Matijević, Maja Demin, Tihana Krcivoj, Jože Podgoršek, Mojca Kogovšek, Vesna Maksimovič, Vitomir Tafra, Višnja Magdić (2015). **The cheese consuming culture in central Croatia and southeastern Slovenia.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 33-38.*
2. Mervat El-Demery, Msotafa A. Owon, Reham Abd El-Samea (2015). **Evaluation of volatile oils extracted from cumin seeds, orange peels and fixed oils from black cumin seeds.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 39-45.*
3. Sashko Martinovski, Vera Simovska (2015). **Development of nutrition models of consumer behavior when buying food products.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 46-52.*

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4. Dmitry Kulev, Iliana Negrutsa (2015). **Chitin-glucan complex - Food additive with sorbent properties.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 53-56.*
5. Angel Panovski, Pavlina Todorovska (2015). **Nutrition of children at age 2 - 14 in municipality of Veles.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 57-67.*
6. Seyit Mehmet Şen, Turan Karadeniz (2015). **The nutritional value of walnut.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 68-71.*
7. Flora Qarri, Pranvera Lazo, Lirim Bekteshi, Trajçe Stafilov (2015). **Health risks of heavy metals from air pollution in Albania.** *Journal of Hygienic Engineering and Design, Vol. 11, pp. 72-78.*

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Journal of Hygienic Engineering and Design – Volume 10

Journal sections:

- Food Quality and Safety
- Food Production and Processing

FOOD QUALITY AND SAFETY

1. Delina Troja, Afriola Ceta, Laura Shabani, Donika Prifti, Eltion Dharmo, Elena Muca (2015). **The development of pigmented bacteria in water samples and their behaviour toward the action of synthetic antimicrobials.** *Journal of Hygienic Engineering and Design, Vol. 10, pp. 3-5.*
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3. Marjena Bixhi, Pranvera Lazo, Joana Gjipalaj (2015). **Iron concentration and female people, Albania.** *Journal of Hygienic Engineering and Design, Vol. 10, pp. 37-40.*
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6. Turan Karadeniz (2015). **New apple variety: Piraziz apple**. *Journal of Hygienic Engineering and Design, Vol. 10, pp. 54-57.*
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8. Sonila Kane, Flora Qarri, Pranvera Lazo, Lirim Bekteshi (2015). **The effect of physico-chemical parameters and nutrients on fish growth in Narta lagoon, Albania**. *Journal of Hygienic Engineering and Design, Vol. 10, pp. 62-68.*

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Journal of Hygienic Engineering and Design – Volume 9

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Sofija Petkovska, Biljana Gjorgjeska, Vesna Kostik (2014). **Analysis of used disinfectants in correlation with the occurrence and causes of hospital infections - A comparison of data for general hospital in Ohrid in the period 2009 to 2013** Sucrose. *Journal of Hygienic Engineering and Design, Vol. 9, pp. 3- 11.*

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4. Viktória Szűcs, Erzsébet Szabó (2014). **Consumer and professional judgment of paprika powder - Results of a questionnaire survey combined with sensory analysis.** *Journal of Hygienic Engineering and Design, Vol. 9, pp. 68-72.*
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7. Nadica Ilievska, Valentina Pavlova (2014). **Determination of nutritional status with darkfield microscopy live blood analysis.** *Journal of Hygienic Engineering and Design, Vol. 9, pp. 85-89.*

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Journal of Hygienic Engineering and Design – Volume 8

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

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7. Sanja Miloš, Zorica Jurković, Emilija Raspudić, Zdenko Lončarić (2014). **Risk assessment of pesticide residues in food on Croatian market: Should we worry?** *Journal of Hygienic Engineering and Design, Vol. 8, pp. 74-81.*
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11. Sofija Petkovska, Biljana Gjorgjeska (2014). **Application of the good manufacture practice standards for production of food products for assuring microbiological cleanness and control of the residues of disinfectants** *Journal of Hygienic Engineering and Design, Vol. 8, pp. 97-100.*
12. Risto Ciconkov (2014). **Computer program for load calculation of coldrooms, with incorporated databases and recommendations.** *Journal of Hygienic Engineering and Design, Vol. 8, pp. 101-104.*
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8. Vesna Maraš, Tatjana Košmerl, Vesna Kodžulović, Sanja Šučur, Ana Savović, Mirko Perišić (2014). **Yield and oenological potential of Montenegrin autochthonous grape varieties 'Kratošija' and 'Žižak'.** *Journal of Hygienic Engineering and Design, Vol. 8, pp. 158-162.*
9. Wided Mejri, Salwa Bornaz, Ali Sahli (2014). **Formulation of non-fat yogurt with β -glucan from spent brewer's yeast.** *Journal of Hygienic Engineering and Design, Vol. 8, pp. 163-173.*
10. Vesna Peric, Mirjana Srebric, Vesna Dragicevic, Ana Nikolic, Aleksandar Mikic, Snezana Mladenovic Drinic (2014). **Development of soybean varieties with specific nutritional composition of grain.** *Journal of Hygienic Engineering and Design, Vol. 8, pp. 174-177.*
11. Jasmina Gubić, Tatjana Tasić, Jelena Tomić, Aleksandra Torbica (2014). **Determination of whey proteins profile in Balkan donkey's milk during lactation period.** *Journal of Hygienic Engineering and Design, Vol. 8, pp. 178-180.*

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Journal of Hygienic Engineering and Design – Volume 7

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Christian Gerhards, Tobias Kudermann, Maria Schramm, Andreas Schmid (2014). **Assessing the cleanability of stainless-steel surfaces – Effect of surface roughness and various parameters on cleaning of protein-based soils.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 3-7.*
2. Frank Moerman (2014). **Antimicrobial materials, coatings and biomimetic surfaces with modified microtopography to control microbial fouling of product contact surfaces within food processing equipment: Legislation, requirements, effectiveness and challenges.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 8-29.*
3. Tadeusz Matuszek (2014). **Equipment surfaces preparation vs. Food structure.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 30-33.*

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1. Dragutin Djukic, Milorad Radović, Leka Mandic, Slavica Veskovica Moracanin (2014). **Effect of sourdough on the fermentation of dough pieces and quality of bread made with rye flour.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 37-43.*
2. Dritan Topi, Ismet Beqiraj, Bujar Seiti, Eltion Halimi (2014). **Environmental impact from olive mills waste disposal, chemical analysis of solid wastes and wastewaters.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 44-48.*
3. Elena Joshevska, Mitre Stojanovski, Katerina Bojkovska, Dzulijana Tomovska, Biljana Trajkovska (2014). **Influence of functional components on the physico–chemical and sensory characteristics of fermented sausages.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 49-52.*
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6. Lazar Turubatović, Zoran Petrović, Danijela Vranić, Mirjana Lukić, Slavica Vesković-Moračanin (2014). **Study on the thermal and non-thermal shrinkage effect of two polymer films and its influence on selected chemical and colour parameters during storage of pork chops in vacuum packaging.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 66-75.*
7. Dzengis Jasar, Katerina Kubelka-Sabit, Vanja Filipovski (2014). **Dietary and lifestyle risk factors in colon cancer developing.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 76-80.*
8. Entela Treska, Alma Demiri (2014). **The evaluation of micro-nutrients especially zinc, as determinants for a healthy diet during pregnancy.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 81-86.*
9. Marija Stanojeska, Violeta Cepujnoska (2014). **A model of statistical process control of quality and cost optimization in milling industrial processes.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 87-95.*
10. Mark Shamtsyan, Ekaterina Antontceva, Andrey Panchenko, Nikolay Petrishev (2014). **Hyperlipidemic and hypocholesterolic action of submerge cultured mushrooms.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 96-99.*
11. Valentina Pavlova, Goce Cilev, Nikola Pacinovski, Bojana Ristanovic, Arse Petreski (2014). **Examination of quality and hygienic correctness of the by-products obtained in manufacturing vegetables and fruits.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 100-106.*
12. Helena Volk, Anja Klančnik, Nataša Toplak, Minka Kovač, Barbara Jeršek (2014). **Real-time PCR detection of fraudulent addition of bovine milk to caprine and ovine milk.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 107-111.*
13. Eva Gyurova, Gergana Krumova-Vulcheva, Hristo Daskalov, Yordan Gogov (2014). **Prevalence of *Listeria monocytogenes* in ready-to-eat foods in Bulgaria.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 112-118.*
14. Marko Adamović, Nada Lakić, Višnja Sikimić (2014). **Consumption of coffee of the young people from Branicevo and Smederevo county.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 119-123.*
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16. Bojan Matijević, Mirela Mabić (2014). **The colors of milk labels - People know what they mean?** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 134-138.*

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FOOD PRODUCTION AND PROCESSING

1. Ahmet Can Ozcan (2014). **Contamination or creation: An evolutionary design workshop on food.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 141-149.*
2. Djordje Okanović, Radmilo Čolović, Tatjana Tasić, Vladislav Zekić, Predrag Ikonić (2014). **The impact of probiotics additives added into diet on economic results of broilers production.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 150-153.* [
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5. Andrey Bratsikhin, Aleksey Borisenko (2014). **New method of emulsified meat foodstuffs manufacturing.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 162-168.*
6. Dmitry Kulev, Natalia Sharova, Iliana Negrutsa (2014). **Glycosidase inhibitors - A functional food additive.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 169-173.*
7. Attila Kiss, Zoltán Naár, Lajos Daróczi, Erzsébet Némedi, Sándor Kukovics (2014). **Development of functional sheep and goat milk products and the investigation of functionality in various packaging materials.** *Journal of Hygienic Engineering and Design, Vol. 7, pp. 174-179.*
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Journal of Hygienic Engineering and Design – Volume 6

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

1. Anka Trajkovska Petkoska, Ilija Nasov (2014). **Designed coatings on food industry equipment - a good practice for food safety.** *Journal of Hygienic Engineering and Design, Vol. 6, pp. 3-9.*
2. Frank Moerman, Eric Partington (2014). **Materials of construction for food processing equipment and services: requirements, strengths and weaknesses.** *Journal of Hygienic Engineering and Design, Vol. 6, pp. 10-37.*
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FOOD QUALITY AND SAFETY

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Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

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2. Ahmet Can Ozcan (2013). **Dr Jekyll or Mr Hyde: Signification of hygiene in industrial design.** *Journal of Hygienic Engineering and Design, Vol. 5, pp. 6-10.*

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Journal of Hygienic Engineering and Design – Volume 4

Journal sections:

- Food Quality and Safety
- Food Production and Processing

FOOD QUALITY AND SAFETY

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Journal of Hygienic Engineering and Design – Volume 3

Journal sections:

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

HYGIENIC ENGINEERING AND DESIGN

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Journal sections:

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- Food Quality and Safety
- Food Production and Processing

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2. Ian Sterritt, Bryn Craggs, Jeremy James (2013). **Challenges in the hygienic application of pigging technologies to maximise waste reduction in food manufacture.** *Journal of Hygienic Engineering and Design, Vol. 2, pp. 6-11.*
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- Food Quality and Safety
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15. Frank Moerman (2012). **Hygienic design and installation of UV insect killers.** *Journal of Hygienic Engineering and Design, Vol. 1, pp. 72-76.*
16. F. Tracy Schonrock (2012). **The value of 3-A Sanitary Standards for processing equipment.** *Journal of Hygienic Engineering and Design, Vol. 1, pp. 77-80.*

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