

# LISTA LUCRĂRILOR ȘTIINȚIFICE PUBLICATE

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## I. Lista lucrărilor

### - în reviste/volume indexate ISI

- 1.1. Țenu I., Roșca R., Cârlescu P., Roman C., Senila L., Arsenoaia V., Dumitrache E., Baetu M., Corduneanu O., 2020 – Researches regarding evaluation of energy consumption for manufacturing of pellets from vine pruning residues. 19th International Scientific Conference Engineering for Rural Development, Jelgava, pp. 54-62, DOI:10.22616/ERDev.2020.19.TF013.  
<http://www.tf.llu.lv/conference/proceedings2020/Papers/TF013.pdf>
- 1.2. Arsenoaia V.N., Vladut V., Tenu I., Voicea I., Moiceanu G., Carlescu P.M., 2019 – Mathematical modelling and numerical simulation of the drying process of seeds in a pilot plant. INMATEH-Agricultural engineering, vol. 57, pp. 55-62, DOI 10.35633, WOS:000481500800006, ISSN: 2068-4215.  
<https://inmateh.eu/documents/2019.1/articles/57-06-Arsenoaia.pdf>
- 1.3. Arsenoaia V.N., Vladut V., Tenu I., Voicea I., Carlescu P.M., 2019 – Drying process modeling with effects of physical parameters on dehydrated seeds. Actual tasks on agricultural engineering - proceedings Book, vol. 47, pp. 333-342, WOS:000472729500034, ISSN: 1848-4425.  
[http://atae.agr.hr/47th\\_ATAE\\_proceedings.pdf](http://atae.agr.hr/47th_ATAE_proceedings.pdf)
- 1.4. Carlescu P.M., Arsenoaia V.N., Tenu I., Muscalu A.T., Barsan M.S., 2019 - Researches of mass and heat transfer of an innovative vertical dryer. Actual tasks on agricultural engineering - proceedings Book, vol. 46, pp. 407-417, WOS:000506355900041, ISSN: 1848-4425.  
[http://atae.agr.hr/46th\\_ATAE\\_proceedings.pdf](http://atae.agr.hr/46th_ATAE_proceedings.pdf)
- 1.5. Cârlescu P., Arsenoaia V.N., Roșca R., Țenu I., 2017 - CFD simulation of heat and mass transfer during apricots drying. LWT - Food Science and Technology, vol. 85, Part B, pp. 479-486, DOI 10.1016/j.lwt.2017.03.015, WOS:000414824900032, ISSN: 0023-6438.  
<https://reader.elsevier.com/reader/sd/pii/S0023643817301603?token=932826800F51A67867C1011B8A844F134493A59DF1B909B0E9A8EDED0F48C28DDF2578DDCAA1B48E01843A5C05C0C04E>



- **în reviste/volume indexate BDI**

- 1.6. Rittner T., Arsenoaia V.N., Cârlescu P., Țenu I., 2017 - Research on the wear and reliability of machines for combating diseases and pests in vineyards. Revista Lucrări Științifice, seria Horticultură, 60(2), pp. 357-362.
- 1.7. Arsenoaia V. N., Țenu I., Cârlescu P., Roșca R., Zăpodeanu C. V., 2016 - Studies regarding the influence of the drying process technological parameters on the corn seed quality. Buletinul Lucrărilor Științifice, seria Agronomie, 59(2), pp. 373-376.
- 1.8. Zăpodeanu C., Țenu I., Cârlescu P. M., Arsenoaia V. N., 2016 - Researches regarding the optimization of the operating process of wheat debranning for grinding. Revista Lucrări Științifice, seria Agronomie, 59(2), pp. 159-162.
- 1.9. Arsenoaia V., Cârlescu P., Țenu I., Roșca R., 2016 - Research regarding the influence of drying technological parameters on the quality of wheat seeds. Modern Technology in the Food Industry- International Conference Chișinau, Section I, Modern processes and equipment in the food industry, pp. 13-18, ISBN 978-9975-87-138-9.
- 1.10. Arsenoaia V., Cârlescu P., Corduneanu O., Diaconu A., Țenu I., 2016 - CFD simulation of the hot air flow used for cereal seed drying. International Conference of Hydraulics and Pneumatics – HERVEX, Calimănești, Proceedings of 2016, pp. 298 – 302, ISSN 1454 – 8003.
- 1.11. Diaconu A., Țenu I., Cârlescu P.M., Roșca R., Arsenoaia V.N., Corduneanu O., 2016 - CFD modeling of the operating process for sprayers in vine plantations, with recovery of the dispersed pesticide liquid. International Conference of Hydraulics and Pneumatics – HERVEX, Calimănești, Proceedings of 2016, pp. 319 – 325, ISSN 1454 – 8003.
- 1.12. Corduneanu O., Țenu I., Cârlescu P.M., Roșca R., Diaconu A., Arsenoaia V.N., Șovăială G., 2016 - Research on the influence of drip fertigation on a sweet pepper and tomato production in a tunnel. International Conference of Hydraulics and Pneumatics – HERVEX, Calimănești, Proceedings of 2016, pp. 351 – 357, ISSN 1454 – 8003.
- 1.13. Arsenoaia V. N., Țenu I., Roșca R., Cârlescu P., Zăpodeanu Cezara-Valentina, 2015 - Research regarding the influence of drying agent's speed and temperature on the work process of corn dehydration. Bulletin of University of agricultural sciences and veterinary medicine Cluj-Napoca, Agriculture, 72(2), pp. 321-327.



1.14. Arsenoia V. N., Țenu I., Roșca R., Cârlescu P., Zăpodeanu Cezara-Valentina, 2015 - Studies regarding energy consumption variation and drying time for corn seed in laboratory conditions. Buletinul Lucrărilor Științifice, seria Agronomie, 58(1), pp. 33-36.

1.15. Zăpodeanu C., Țenu I., Cârlescu P. M., Arsenoia V. N., 2015 - The influence of constructive and functional parametres of the brushing machine on cleaning operation of wheat seeds for grinding. Revista Lucrări Științifice, seria Agronomie, 58(1), pp. 189-194.

## **II. Lucrări litografiate**

Arsenoia V. N., 2016 - Cercetări privind optimizarea procesului de lucru pentru uscarea semințelor de cereale și plante tehnice, Universitatea de Științe Agricole și Medicină Veterinară „Ion Ionescu de la Brad”, Iași - teză de doctorat.

## **III. Cărți**

Arsenoia Vlad Nicolae - Instalații și utilaje din industria alimentară. Îndrumar cu aplicații practice. Editura „Ion Ionescu de la Brad”, Iași, 2020, ISBN 978-973-147-387-1, 160 pagini.

