PUBLIKACJE NAUKOWE

Świdośliwa - mało znany gatunek owoców, wstępna ocena przydatności dla przetwórstwa
Konopacka D., Piecko J., Mieszczakowska-Frąc M., Markowski J., Rutkowski K., Kruczyńska D., Buczek M.
2017
Przemysł Fermentacyjny i Owocowo-Warzywny, 11-12: 8-11
świdośliwa, antocyjany, utrwalanie, przeciery, suszenie mikrofalowo-podciśnieniowe, Saskatoon berry, anthocyanins, preservation, puree, vacuum-microwave drying

---

The combined effect of ultrasound and enzymatic treatment on the nanostructure, carotenoid retention and sensory properties of ready-to-eat carrot chips
Konopacka D., Cybulska J., Zdunek A., Dyki B., Machlańska A., Celejewska K
2017
LWT – Food Science and Technology, 85(B): 427-433
drying, vegetable snacks, quality, sonication, AFM

The composition of bioactive compounds and antioxidant activity of Saskatoon berry (Amelanchier alnifolia Nutt.) genotypes grown in central Poland
Lachowicz S., Oszmiański J., Pluta S
2017
Food Chemistry, 235: 234-243
Saskatoon berry, polyphenolic compounds, triterpenoids, carotenoids, chlorophylls, UPLC-PDA-MS/MS

The effectiveness of vacuum-microwave drying methods in the preservation of Amelanchier berries (Amelanchier canadensis. L. Medik.)
Piecko J., Konopacka D., Mieszczakowska-Frąc M., Kruczyńska D
2017
International Journal of Food Engineering, 13(6): 20160346
Amelanchier, vacuum-microwave drying, cyanidin glycosides

The effect of 1-methylcyclopropene and storage conditions on chosen quality traits of ‘long shelf life’ (LSL) tomato fruit, in relation to growing season
Wrzodak A., Szwejda-Grzybowska J., Gajewski M
2017
Electronic Journal of Polish Agricultural Universities, 20(4): #05,
wartość odżywcza, pomidory, 1-MCP, przechowywanie

The effect of flaming and mechanical treatments on weed control, growth and yield of carrot
Anyszka Z., Golian J
2017
Journal of Research and Applications in Agricultural Engineering, 62(3): 7-12
carrot, weed control, thermal weed control, mechanical treatment, marchew, odchwaszczanie,

wypalanie chwastów, zabiegi mechaniczne

The estimation of bioactive compounds content in organic and conventional sweet cherry (Prunus avium L.).
Hallmann E., Rozpara E
2017
Journal of Research and Applications in Agricultural Engineering, 62(3): 141-145
organic sweet cherry, conventional sweet cherry, polyphenols, dry matter, nutritive value, vitamin C, ekologiczne czereśnie, konwencjonalne czereśnie, polifenole, sucha masa, wartość odżywcza, witamina C

The exposure of honey bees to pesticide residues in the hive environment with regard to winter colony losses
Pohorecka K., Szczęsna T., Witek M., Miszczak A., Sikorski P
2017
Journal of Apicultural Science, 61(1): 105-125
bee bread, beeswax, honey bees, honey/syrup stores, pesticide residues, winter honey bee colony losses

---

The influence of Trichoderma on the phytosanitary status of soil and yield of red beets (Beta vulgaris L. subsp. vulgaris
Wolna-Maruwka A., Piechota T., Dach J., Szczech M., Szczerbal I., Niewiadomska A., Budka A., Gaj R.
2017
Polish Journal of Environmental Studies, 26(2): 847-859
compost, moulds, enzymes, soil, plants

The Role of biofertilizers in improving vegetative growth, yield and fruit quality of apple
Mosa W.F.A.E-G., Sas Paszt L., Frąc M., Trzciński P., Treder W., Klamkowski K
2017
Horticultural Science, 101/2017-HORTSCI
beneficial bacteria, bioproducts, apple, growth tree, productivity

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