

PUBLIKACJE NAUKOWE

Bioremediation of DDT-contaminated agricultural soils: potential of two autochthonous saprotrophic fungal strains

Russo F., Ceci A., Pinzari F., Siciliano A., Guida M., Malusà E., Tartanus M., Miszczak A., Maggi O., Persiani A.M.

2019

Applied and Environmental Microbiology, 85(21): e01720-19

soil saprotrophic fungi; DDT tolerance; fungal metabolic; phenotype; oxidative stress response; Trichoderma; Rhizopus

Botanical origin authentication of polish phacelia honey using the combination of volatile fraction profiling by HS-SPME and lipophilic fraction profiling by HPTLC

Makowicz E., Jasicka-Misiak I., Teper D., Kafarski P.

2019

Chromatographia, 82(10): 1541-1553

HS-SPME; HPTLC; honey; food quality; fingerprint

Bumblebee communities (Apidae, Bombini) in urban parks in relation to park area and other characteristics

Zajdel B., Borański M., Kucharska K., Jojczyk A., Brzezińska K.

2019

Polish Journal of Ecology, 67(1): 84-93

Bombini; Bombus; parks; urban landscape; green areas

Cell walls polysaccharides of rose hips

Balcerak B., Milala J., Kosmala M., Matysiak B., Klewicka E.

2019

Biotechnology and Food Science, 83(2): 143-156

rose hips; AIS; polysaccharides composition; galacturonic acid; sequential pectins extraction; plant cell wall; gas chromatography

Characterization in vitro potency of biological active fractions of seeds, skins and flesh from selected *Vitis vinifera* L. cultivars and interspecific hybrids

Tkacz K., Wojdyło A., Nowicka P., Turkiewicz I., Golis T.

2019

Journal of Functional Foods, 56: 353-363

grapes; polyphenols; UPLC-PDA-FL; LC/MS-QTOF; antioxidant capacity; antidiabetic and anticholinergic activity

Charakterystyka markerów molekularnych, sprzężonych z odpornością na wielkopakowca porzeczkowego (*Cecidophyopsis ribis*)./ Characteristics of molecular markers linked with the resistance to gall mite (*Cecidophyopsis ribis*)

Badek B., Pluta S., Korbin M.

2019

Biuletyn Instytutu Hodowli i Aklimatyzacji Roślin, 286: 411-414

mapa genetyczna; marker; porzeczka czarna; wielkopąkowiec porzeczkowy

Chemical parameters profile analysis by liquid chromatography and antioxidative activity of the Saskatoon berry fruits and their components

Lachowicz S., Oszmiański J., Wiśniewski R., Seliga Ł., Pluta S.

2019

European Food Research and Technology, 245(9): 2007-2015

Amelanchier alnifolia; genotypes; polyphenols; sugars; organic acids; bioactive compounds; cultivars; antioxidant potency; UPLC; PCA

Chemical stability of chlorine dioxide in the presence of prochloraz manganese

Chruściel A., Hreczuch W., Piontek W., Szumigaj-Tarnowska J.

2019

Plant Protection Science, 55(3): 222-227

champignons; cultivation of mushrooms; peat casing

Chronic oral exposure to field-realistic pesticide combinations via pollen and nectar: effects on feeding and thermal performance in a solitary bee

Azpiazu C., Bosch J., Viñuela E., Medrzycki P., Teper D., Sgolastra F.

2019

Scientific Reports, 9: 133770

oral exposure; pesticide combinations; pollen; nectar; feeding; thermal performance; solitary bee

Comparison of mathematical models of maturation rate of the airborne *Venturia inaequalis* (Cooke) Wint. ascospores in central Poland

Jankowski P., Masny S.

2019

Journal of Plant Diseases and Protection, 126(4): 269-279

Venturia inaequalis; apple scab; ascospore maturation; mathematical model; temperature accumulation; influence of moisture
