



ACHILLEAS PAPACHATZIS

📍 **Home** : Seferi 101, 41221, LARISA, Greece

✉ **Email**: achilleas_lar@hotmail.com 📞 **Phone**: (+30) 6986533077

Date of birth: 07/07/1994 **Nationality**: Greek

WORK EXPERIENCE

Agricultural scientist

[30/06/2016 – 30/07/2016]

Practical Intership

Technological Educational Institute of Thessaly

City: Larisa

Country: Greece

Working in the Geothermal Greenhouses of the program Life+ 'Adapt2Char

EDUCATION AND TRAINING

[2011 – 2021]

DEGREE IN AGRICULTURAL SCIENCES WITH INTERGRATED MASTER

ARISTOTLE UNIVERSITY OF THESSALONIKI <http://www.agro.auth.gr>

Address: Thessaloniki , 541 24, Thessaloniki, Greece

[2013 – 2014]

GEOTHERMAL AND WATER AUTONOMOUS GREENHOUSES

Technological Educational Institute of Thessaly (Adapt2change LIFE09 / ENV / GR / 000296) <https://www.teilar.gr>

Address: Larisa, 412 23, Larisa, Greece

[2013 – 2014]

California Walnut Cultivation

Pelion Development Institute

Address: Argalasti, 370 06, Argalasti, Greece

[2014 – 2015]

Geothermal Greenhouses for Minimal Energy and Water Consumption

Technological Educational Institute of Thessaly (Adapt2change LIFE09 / ENV / GR / 000296) <https://www.teilar.gr>

Address: Larisa, 41223, Larisa, Greece

[13/02/2015 – 13/02/2015]

INNOVATIVE APPLICATIONS IN THE AGRICULTURAL AND ENVIRONMENTAL SECTOR

Technological Educational Institute of Thessaly <https://www.teilar.gr>

Address: Larisa, 41223, Larisa, Greece

[18/03/2015 – 18/03/2015]

Integrated Management of Aromatic and Medicinal Plants

Technological Educational Institute of Thessaly <https://www.teilar.gr>

Address: Larisa, 41223, Larisa, Greece

[19/03/2015 – 19/03/2015]

Cultivation of the Apple Tree

Department of Deciduous Fruit Trees Institute of Plant Breeding and Genetic Resources-ELGO DIMITRA <https://pomologyinstitute.gr/>

Address: Naousa, 590 35, Naousa, Greece

[22/05/2016 – 26/05/2016]

Farmers Field School

Technological Educational Institute of Thessaly (Adapt2change LIFE09 / ENV / GR / 000296) <https://www.teilar.gr>

Address: Larisa, 41223, Larisa, Greece

[08/06/2017 – 09/06/2017]

Climate Change: Local Government & Thessaly in the face of the global challenge (1st Panhellenic Conference)

P.E.D. THESSALIAS <http://pedthessalias4clima.gr>

Address: Panos 14, 41222, Larisa, Greece

[10/01/2023 – 08/03/2023]

Online Branding and Communication of the Information & Communications Technologies (ICT) Sector

UCERT <https://ucert.gr/>

Address: Akadimias 98-100, 10677, Athens, Greece

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

French

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Outlook | Facebook | Zoom | Microsoft Office | Social Media | Skype | Microsoft Word | Microsoft Excel | Power Point | Twitter | Google Drive | Internet user | Good listener and communicator | Organizational and planning skills | Written and Verbal skills | Decision-making | Team-work oriented | Conflict resolution | Motivated | Microsoft Powerpoint

DRIVING LICENCE

Motorbikes: AM

Motorbikes: A2

Cars: B

PUBLICATIONS

[2017]

THE EFFECT OF POSIDONIA OCEANICA ON SOIL ORGANIC MATTER BIODEGRADATION AND OTHER SOIL CHEMICAL PROPERTIES

The effects of posidonia oceanica on soil organic matter biodegradation and on soil chemical properties an incubation experiment were studied. The air dried posidonia plant tissues incorporated at five different rates (0, 0.3, 0.6, 0.9 and 1.2 g per 50 g of soil)

resulted in increases in organic carbon mineralization, mineral nitrogen forms, available potassium in organic and available phosphorus. The level of available forms of Fe and Zn was increased at all the rates of added posidonia, whereas Mn was increased at the three upper rates. The level of available Cu did not show statistically significant differences in comparison with the control. Also, the addition of posidonia resulted in a increase in total forms of Na, K, P and Zn. The results of this study indicated that posidonia could be applied to the soil without any extremely negative effect on the soil chemical and biological properties.

[2017]

COMPARATIVE STUDY ON POLYPHENOLS CONTENT AND ANTIOXIDANT ACTIVITY IN SOME SWEET PEPPER CULTIVARS DURING DEVELOPMENT IN HYDROPONIC CULTURE

The changes of the total phenolic content and of the FRAP activity during development and ripening three sweet peppers cultivars in hydroponic culture they studied. For all cultivars of sweet peppers studied, from early development stages up to the mature green color, the total phenols content and antioxidant activity did not show any increase. From mature green color up to mature red color of fruits, all varieties studied showed a significant increase the levels of the total phenolics content and FRAP assay values. In particular, total phenolics content for the Dolmy, Yahoo and Florinis peppers increased by 220%, 195% and 260% respectively. FRAP assay values for the Dolmy, Yahoo and Florinis peppers were found to be 2-fold, 1.8-fold and 2.9-fold times raised respectively. It is advisable to consume sweet peppers at the mature red stage for better effects consumer health. the description...

[2018]

EFFECT OF MATURITY STAGE ON THE PHENOLIC COMPOSITION, VITAMIN C AND ANTIOXIDANT ACTIVITY OF AGEN SKOPELOU PLUMS

'Agen Skopelou' plums were analyzed for total phenols, total anthocyanins, vitamin C and antioxidant activity FRAP at four different maturity stages based on color (S1,S2,S3, and S4), such as mature green, mature purple, mature blue and mature deep blue respectively. The total phenols content ranged from 2032.6 to 2400.5 mg (GAE) kg⁻¹ FW. The total anthocyanins content ranged from 157 to 229 mg kg⁻¹ FW, as cyanidin-3-glucoside equivalents. The vitamin C content ranged from 189.6 to 275.3 mg kg⁻¹ FW. The antioxidant activity FRAP ranged from 19.38 to 29.64 μmol FRAP g⁻¹ FW. The total anthocyanins content and the vitamin C content increased with maturity of 'Agen Skopelou' plums. On the contrary, the changes of antioxidant activity FRAP and the total phenols content evidenced lack of clear trend.

[2019]

Comparative Study on Polyphenols Content and Antioxidant Effect From Some Olive Fruit Varieties Grown in Central Greece

Five olive fruit varieties (Amfisis, Chalkidikis, Kalamon, Koroneiki and Arbequine) grown in central Greece were studied for the total phenols content, phenolic fractions and the antiradical activity DPPH. The total phenols content in the olive fruit varieties studied ranged from 7.32 to 18.61 mg (GAE) / g FW, the non-flavonoid phenols content ranged from 1.27 to 5.17 mg (GAE) / g FW and the flavonoid phenols content ranged from 5.87 to 13.44 mg (GAE) / g FW. The antiradical activity DPPH• in the olive fruit varieties studied ranged from 141.2 to 261.2 μmol (Trolox) / g FW. The olive fruit varieties grown in central Greece they offer an high intake of natural antioxidants in the human organism for the prevention of free radical disease.