

CURRICULUM VITAE of IOANNIS E. PAPADAKIS (01-06-2020)

Date of birth 17 September 1974
Place of birth Heraklion (Crete, Greece)
Nationality Greek
Gender Male
Marital status Married (2 children)
Current position Assistant Professor, Laboratory of Pomology,
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STUDIES:

2000-2004 Doctoral Programme in the Department of Horticulture,
School of Agriculture, Faculty of Geotechnical
Sciences, Aristotle University, Thessaloniki - Greece.
Subject of Doctoral Thesis: The response of citrus plants
to manganese.
Grade of the Doctoral (PhD) Diploma: 10 (with honors).

1998-2002 Postgraduate Programme in Genetic Improvement and
Physiology of Plants, School of Agriculture, Faculty of
Geotechnical Sciences, Aristotle University,
Thessaloniki - Greece.
Subject of Postgraduate Thesis: Physiological and
anatomical study of boron toxicity in citrus plants.
Grade of the Postgraduate (MSc) Diploma: 9.36 (with
honors).

1993-1998 Graduate Programme in the Department of Horticulture,
School of Agriculture, Faculty of Geotechnical
Sciences, Aristotle University, Thessaloniki - Greece.
Subject of Graduate Thesis: Nitrate accumulation in
vegetables.
Grade of the Graduate Degree: 7.41 (very good).

1989-1992 1st Experimental Lyceum of Heraklion (Crete, Greece).
Grade of the Certificate: 17.2 (maximum 20).

WORK EXPERIENCE:

10/2015 until today Assistant Professor of Pomology, Agricultural University
of Athens, Faculty of Crop Science, Laboratory of
Pomology.

07/2010 until 09/2015 Lecturer of Pomology, Agricultural University of Athens,
Faculty of Crop Science, Laboratory of Pomology.

2006 until today	Working on some research projects relating to plant physiology and propagation and to some abiotic stresses, such as mineral deficiency, mineral toxicity and drought stress.
07-01-2008 until 08-08-2008 and 01-28-2008 until 03-21-2008	The effects of regulated deficit irrigation on vegetative growth, photosynthetic performance, water relations, fruit growth and oil quality of the olive cultivar 'Koroneiki'. Research Projects: (a) Innovative irrigation techniques for improved water use efficiency and fruit quality. Bilateral Collaboration between National Agricultural Research Foundation of Greece and Olive's Institute of Tunisia. (b) Designing and evaluation of an irrigation software that increase the water use efficiency in olive orchards. Bilateral research collaboration between Greece and Egypt.
01-16-2006 until 12-31-2007	<i>In-vitro</i> propagation of Greek olive cultivars. Technological Educational Institute of Crete (Greece). Research project «Archimedes»: Biotechnological applications in the production of propagation material of Greek olive cultivars. Collaboration with Technological Educational Institute of Kalamata (Greece).
01-01-2006 until 07-31-2007	<i>In-vitro</i> propagation of two new citrus rootstocks which were produced in Greece. Postdoctoral research studies in Olive Tree and Subtropical Plants Institute of Chania (Crete, Greece) as a Scholarship holder of the State Scholarships Foundation of Greece.
09-01-2005 until 01-16-2006	Organisation of training programmes for farmers working in the primary sector of crop production. Organization of Agricultural Vocational Education, Training and Employment, Centre "DIMITRA" of Heraklion (Crete, Greece).
04-11-2005 until 05-23-2005 and 02-02-2006 until 05-16-2006	<i>In-vitro</i> propagation of sour orange hybrids. Olive Tree and Subtropical Plants Institute of Chania (Crete, Greece). Research Project: Confrontation of <i>Citrus tristeza</i> virus in Greece and Cyprus using sour orange hybrids. Bilateral Collaboration between National Agricultural Research Foundation of Greece and Agricultural Research Institute of Cyprus.

TEACHING EXPERIENCE:

10-2010 until today	Teaching the theory and the practical exercises of 'General Pomology' and 'Tropical and Subtropical Fruit Plants' in Undergraduate Programme of the Faculty of Crop Science (Agricultural University of Athens, Greece).
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10-2013 until today	Teaching the theory and the practical exercises of 'Advanced Physiology and Mineral Nutrition of Fruit Trees' in Postgraduate Programme of the Faculty of Crop Science (Agricultural University of Athens, Greece).
09/2005 – 06/2010	Teaching of 'General Pomology (Arboriculture)', 'Tropical and Subtropical Fruit Plants', 'Plant nutrition & fertilizers' and 'Soil analysis' in Faculty of Crop Science, School of Agricultural Technology, Technological Educational Institute of Crete (Greece).

LANGUAGES:

Greek	Mother tongue.
English	Good (First Certificate in English).

COMPUTER SKILLS:

European Computer Driving Licence (ECDL) for the following software applications: MS Windows XP, MS Word XP, MS Excel XP, MS Access XP, MS PowerPoint XP, MS Internet Explorer 6.0, MS Outlook Express.

Statistical package SPSS.

OTHER KNOWLEDGE:

Hydroponic and *in-vitro* culture of plants.

Use of ultramicrotome; cutting of sections of different plant tissues and studying them under the optical and electron microscope.

Mineral analysis of plant tissues.

Soil analysis.

Determination of chlorophyll, proline, carbohydrates, starch, total proteins and antioxidant enzymes.

Measurement of photosynthetic parameters (measurement of photosynthesis rate, transpiration rate, stomatal conductance and intercellular carbon dioxide concentration).

Measurement of leaf water, osmotic and turgor potentials.

Sexual and asexual propagation of fruit trees.

Spectrophotometer operation and spectrophotometric determination of H₂O₂ and degree of membrane lipid peroxidation (MDA, electrolyte leakage).

Operation of HPLC device for the determination of carbohydrate concentration.

MEMBER OF SCIENTIFIC SOCIETIES:

International Society for Horticultural Science (User number 87045).

The Geotechnical Chamber of Greece.

The Greek Society for Horticultural Science.

Hellenic Scientific Society for Genetics and Plant Breeding.

SUPERVISOR:

07/2019 until today	In two (2) PhD theses which are conducted in the Laboratory of Pomology, Faculty of Crop Science, Agricultural University of Athens.
10/2013 until today	In thirteen (13) Postgraduate theses which are conducted in the Laboratory of Pomology, Faculty of Crop Science, Agricultural University of Athens.
07/2010 until today	In thirty (30) Undergraduate theses which are conducted in the Laboratory of Pomology, Faculty of Crop Science, Agricultural University of Athens.
2009	In one (1) Undergraduate thesis which were conducted in the Laboratory of Pomology, Department of Crop Science, School of Agricultural Technology, Technological Educational Institute of Crete.

MEMBER OF EXAMINING COMMITTEE:

07/2010 until today	In more than a hundred and twenty-four (124) Undergraduate, thirty (30) Postgraduate and six (6) PhD theses which were conducted in the Agricultural University of Athens.
2006-2009	In eleven (11) Undergraduate theses which were conducted in the Technological Educational Institute of Crete.

AWARDS:

01-01-2006 until 31-07-2007	Scholarship holder of the State Scholarships Foundation of Greece for Postdoctoral research. Duration of scholarship: 18 months.
2000-2004	Scholarship holder of the State Scholarships Foundation of Greece while conducting my Doctoral thesis.

PARTICIPATION IN RESEARCH AND EDUCATIONAL PROGRAMS AS THE SCIENTIFIC COORDINATOR OR AS THE MAIN RESEARCHER:

Educational program: “Internship at the third level education (university) at AUA”, funded by: “Human Resources Development – Education and Life Long Learning Operational Programme” funded by ESF (European Social Fund) ESPA 2014-2020, Ministry of Finance. Implementation from May 2016 up until now. Financing: 31.585,16 Euro (2015-2016), 31.585,16 Euro (2016-2017), 152.800,00 Euro (2017-2018), 716.529,49 Euro (2018-19 until 2020-2021) Total sum of financing: 932,496,81 Euro
(https://empedu.gov.gr/wp-content/uploads/2019/05/trop_ae_5033175_ada.pdf).
Having the scientific responsibility for the institution as the official representative of A.U.A..

Research program: “The foremost flagship initiative in Greece: Olive Roads”. The Flagship Action of Olive Roads is funded by national resources through the Public Investment Program of the General Secretariat for Research and Technology, Duration 24 months (in action). *Participation as the main researcher with the academic responsibility as the representative of the Laboratory of Pomology.*

Research program: Breeding apple tree varieties adapted to the Greek conditions with significant agronomical features, funded by: Ministry of Rural Development and Food. Duration 60 months (awaiting for the beginning of the formal start of its implementation). *Participation as a researcher.*

Educational program: “Triptolemos 2014”, “Triptolemos 2015”, “Triptolemos 2016”, “Triptolemos 2017”, “Triptolemos 2018”. Related to short term educational seminars for young people aged between 24- 40, funded by: Ministry of Education and Religious Affairs. Implementation: from 16-09-2014 to 23-10-2014, from 19-11-2015 to 22-12-2015, from 25-05-2016 to 29-06-2016, from 30-05-2017 to 03-07-2017, and from 10-02-2018 to 02-07-2018. Funding: 21.300 Euro (2014), 24.000 Euro (2015), 22.000 (2016), 27.000 (2017), 50.200 Euro (2018). Place of implementation: A.U.A.. Duration 09/2014 up until now. *Having the scientific responsibility to coordinate the program on behalf of the institution.*

Research program: Contribution of mycorrhizae to the sustainability of marginal Mediterranean ecosystems - Development of mycorrhizal inoculum, funded by: ESPA, Project: Thales - Agricultural University of Athens. Duration 2014-2015. *Participation as researcher.*

Research program (GSRT): Development and evaluation of a software for the irrigation design of olive tree in order to effectively enhance field water efficiency. Bilateral cooperation between Greece and Egypt (2006-2008). *Participation as researcher.*

Research program (GSRT): Innovative irrigation practices to increase water efficiency and product quality. Bilateral cooperation between Greece and Tunisia (2005-2007). *Participation as researcher.*

Research program “Archimedes”: **Biotechnological applications in the production of Greek olive tree varieties’ planting stock.** Technological Education Institute of Kalamata. Duration 01-2006 to 12-2007, *Participation as researcher.*

Research program: Confrontation of citrus tristeza virus in Greece and Cyprus with the use of sour orange rootstocks. Bilateral cooperation between the National Institution of Agricultural Researcher of Greece (NAGREF) and the Institution of Agricultural Researches of Cyprus (I.A.S.). Duration 04-2005 to 05-2006. *Participation as researcher.*

FURTHER RESPONSIBILITIES:

Member of the certified assessors of the General Secretariat for Research and Technology (GSRT).

- Intermediate verification of the project T1EΔK-0.
- Official opinion of the submitted funding application of the project MIS 5 (EIIANEK 2014-2020).

MEMBER OF SCIENTIFIC COMMITTEE:

Associate Editor of the American Journal of Agricultural and Biological Sciences (<http://thescipub.com/journals/ajabs/editors>)

Editorial Board member of the American Journal of Agricultural Research (<http://escipub.com/american-journal-of-agricultural-research/>)

Editorial Board member of the Journal of Agronomy and Agricultural Aspects

(https://www.gavinpublishers.com/journals/board_members/Journal-of-agronomy-and-agricultural-aspects-ISSN-2574-2914).

Editorial Board member of the Open Access Journal of Agricultural Research (OAJAR) (<https://medwinpublishers.com/OAJAR/editorial-board.php>)

Associate Editor of the Modern Concepts & Developments in Agronomy (<http://crimsonpublishers.com/mcda/editorial-board.php>).

Editorial Board member of the Research & Reviews: Journal of Ecology and Environmental Sciences

(<http://www.rroj.com/editorialboard-ecology-and-environmental-sciences.php>).

Editor-in Chief of the Agrotechnology

(<https://www.longdom.org/agrotechnology/editor-in-chief.html>).

Editorial Board of the Innovative Techniques in Agriculture (Scientia Ricerca)

(<https://scientiaricerca.com/itag-eb.php>).

Review Editor in the Editorial Board of the Frontiers in Plant Science (Section “Plant Nutrition”)

(<https://www.frontiersin.org/journals/plant-science/sections/plant-nutrition#editorial-board>).

Associate Editor of the JOJ Horticulture & Arboriculture

(<https://juniperpublishers.com/jojha/editorialboard.php>).

Editorial Board of the International Journal of Plant Science and Horticulture

(<https://www.raftpubs.com/ijpsh-plant-science-and-horticulture/editorial-board.php>).

Editorial Board of the Forte Journal of Agriculture

(<https://forteopen.com/agriculture-editorial/>).

Editorial Board of the SCIREA Journal of Agriculture

(<http://www.scirea.org/journal/EditorialBoard?JournalID=21000>).

Guest Editor in the Special Issue of the Agronomy with topic "Mineral Nutrition of Fruit Trees"

(https://www.mdpi.com/journal/agronomy/special_issues/mineral_nutrition_fruit_trees)

Editorial Board of the Phyton-International Journal of Experimental Botany

(http://www.techscience.com/phyton/info/editor_board).

24th Scientific Conference of the Greek Society for Horticultural Science, October 20-23, 2009, Veroia, Greece.

27th Scientific Conference of the Greek Society for Horticultural Science, September 28-29, 2015, Volos, Greece.

5th International Conference on Food and Agricultural Sciences (ICFAS 2017), November 23-25, 2017, Auckland, New Zealand. (<http://www.icfas.org/com.html>)

2nd World Congress & Expo on Biotechnology and Bioengineering, June 25-27, 2018 Dubai, UAE.

(https://biocoreconferences.com/biotechnology2018/organizing_committee.php)

International Joint Conference on Agricultural and Biosystems Engineering (JCABE 2018), November 20-22, 2018, Abu Dhabi, United Arab Emirates. (<http://www.jcabe.org/commit>).

6th International Conference on Food and Agricultural Sciences (ICFAS 2018), November 14-16, 2018, Kuala Lumpur, Malaysia.

(<http://www.icfas.org/com.html>).

International Conference on Plant Science (Plant Science 2018), November 15-16, 2018, Paris, France.

(<http://plantscience.alliedacademies.com/2018/organizing-committee>).

International Scientific and Practical Distant Conference, March 1-29, 2019, Michurinsk-Science City, Russia.

(<http://fnc-mich.ru/>).

29th Scientific Conference of the Greek Society for Horticultural Science, October 16-18, 2019, Patra, Greece.

(<https://29eefo.gr/επιστημονική-επιτροπή>).

28th Symposium of the International Scientific Centre for Fertilizers (CIEC) on the “Fertilization and Nutrient Use Efficiency in Mediterranean Environments”, scheduled to be conducted on November 2-6, 2020, Athens, Greece.

(<http://www.ciec2020.aua.gr/30%20Organizers.htm>).

REVIEWER IN SCIENTIFIC JOURNALS AND CONFERENCES:

2005-until today

Referee in more than 79 papers submitted for publication in 39 different international scientific journals: (Journal of Hazardous Materials, Frontiers in Plant Science, Journal of the American Pomological Society, Critical Reviews in Environmental Science and Technology, International Journal of Plant Sciences and Horticulture, European Food Research and Technology, South African Journal of Botany, Chemical and Biological, Technologies in Agriculture, Agronomy, Scientific Reports, International Journal of Fruit Science, Open Access Journal of Agricultural Research, Plant Cell Reports, HortScience, Scientia Horticulturae, Journal of Plant Physiology, Photosynthetica, Ecological Indicators, Protoplasma, European Journal of Horticultural Science, Modern Concepts & Developments in Agronomy, Journal of Soil Science and Plant Nutrition, American Journal of Environmental Sciences, Functional Plant Biology, American Journal of Agricultural and Biological Sciences, Experimental Agriculture, In Vitro Cellular and Developmental Biology – Plant, Journal of Plant Nutrition and Soil Science, African Journal of Microbiology Research, Scientia Agricola, Journal of Biological Research, Plant Biology, Environmental and Experimental Botany, Central European Journal of Biology, Journal of the Science of Food and Agriculture, Journal of Agricultural Science and Technology, Australian Journal of Agricultural Research, Annals of Applied Biology and Australian Journal of Soil Research) as well as in 15 papers submitted for publication in the proceedings of two Greek Conferences.

CITATIONS:

More than 975 citations (Google Scholar: <https://scholar.google.com/citations?user=9wkZYocAAAAJ&hl=en> -08-05-2020).

THESES:

Papadakis I.E. 2002. Physiological and Anatomical Study of Boron Toxicity in Citrus plants. MSc thesis (In Greek; Abstract in English), School of Agriculture, Aristotle University of Thessaloniki, Greece, (154 pages).

Papadakis I.E. 2004. The Response of Citrus Plants to Manganese. PhD thesis (In Greek; Abstract in English), School of Agriculture, Aristotle University of Thessaloniki, Greece, (245 pages).

PUBLISHED PAPERS IN INTERNATIONAL REFEREED JOURNALS:

- **I.E. Papadakis**, K.N. Dimassi and I.N. Therios, 2003, Response of two citrus genotypes to six boron concentrations: concentration and distribution of nutrients, total absorption, and nutrient use efficiency, *Australian Journal of Agricultural Research*, 54(6), 571-580.
- **I.E. Papadakis**, K.N. Dimassi, A.M. Bosabalidis, I.N. Therios, A. Patakas and A. Giannakoula, 2004, Effects of B excess on some physiological and anatomical parameters of 'Navelina' orange plants grafted on two rootstocks, *Environmental and Experimental Botany*, 51, 247-257.
- **I.E. Papadakis**, K.N. Dimassi, A.M. Bosabalidis, I.N. Therios, A. Patakas and A. Giannakoula, 2004, Boron toxicity in 'Clementine' mandarin plants grafted on two rootstocks, *Plant Science*, 166(2), 539-547.
- **I.E. Papadakis**, E. Protopapadakis, K.N. Dimassi and I.N. Therios, 2004, Nutritional status, yield, and fruit quality of 'Encore' mandarin trees grown in two sites of an orchard with different soil properties, *Journal of Plant Nutrition*, 27(9), 1505-1515.
- **I.E. Papadakis**, E. Protopapadakis, I.N. Therios and V. Tsirakoglou, 2005, Foliar treatment of Mn deficient 'Washington navel' orange trees with two Mn sources, *Scientia Horticulturae*, 106, 70-75.
- T.E. Sotiropoulos, A.N. Molassiotis, G.I. Mouhtaridou, **I. Papadakis**, K.N. Dimassi, I.N. Therios and G. Diamantidis, 2006, Sucrose and sorbitol effects on shoot growth and proliferation in vitro, nutritional status and peroxidase and catalase isoenzymes of M 9 and MM 106 apple (*Malus domestica* Borkh.) rootstocks, *European Journal of Horticultural Science*, 71(3), 114-119.
- T.E. Sotiropoulos, I.N. Therios, D. Almaliotis, **I. Papadakis** and K.N. Dimassi, 2006, Response of cherry rootstocks to boron and salinity, *Journal of Plant Nutrition*, 29(9), 1691-1698.
- T.E. Sotiropoulos, D. Almaliotis, **I. Papadakis**, K.N. Dimassi and I.N. Therios, 2006, Effects of different iron sources and concentrations on in vitro multiplication, rooting and nutritional status of the pear rootstock 'OHF 333', *European Journal of Horticultural Science*, 71(5), 222-226.
- E. Avramaki, C. Chatzissavvidis and **I. Papadakis**, 2006, Effects of different iron sources on mineral concentration in gardenia (*Gardenia jasminoides* Ellis) plants, *Journal of Biological Research*, 6, 227-230.
- **I.E. Papadakis**, A. Giannakoula, I.N. Therios, A.M. Bosabalidis, M. Moustakas and A. Nastou, 2007, Mn-induced changes in leaf structure and chloroplast ultrastructure of *Citrus volkameriana* (L.) plants, *Journal of Plant Physiology*, 164, 100-103.
- T. Thomidis, T. Sotiropoulos, N. Karagiannidis, C. Tsipouridis, **I. Papadakis**, D. Almaliotis, and N. Boulgarakis, 2007, Efficacy of three calcium products for control of peach brown rot, *HortTechnology*, 17(2), 234-237.
- **I.E. Papadakis**, A. Giannakoula, C.P. Antonopoulou, M. Moustakas, E. Avramaki and I.N. Therios, 2007, Photosystem 2 activity of *Citrus volkameriana* (L.) leaves as affected by Mn nutrition and irradiance, *Photosynthetica*, 45(2), 208-213.
- **I.E. Papadakis**, T.E. Sotiropoulos and I.N. Therios, 2007, Mobility of iron and manganese within two citrus genotypes after foliar applications of iron sulfate and manganese sulfate, *Journal of Plant Nutrition*, 30, 1385-1396.
- **I.E. Papadakis**, G. Veneti, C. Chatzissavvidis, T.E. Sotiropoulos, K.N. Dimassi and I.N. Therios, 2007, Growth, mineral composition, leaf chlorophyll, and water relations of two cherry varieties under NaCl-induced salinity stress, *Soil Science and Plant Nutrition*, 53, 252-258.
- **I.E. Papadakis**, A.M. Bosabalidis, T.E. Sotiropoulos, and I.N. Therios, 2007, Leaf anatomy and chloroplast ultrastructure of Mn-deficient orange plants, *Acta Physiologiae Plantarum*, 29, 297-301.
- C. Antonopoulou, K. Dimassi, I. Therios, C. Chatzissavvidis and **I. Papadakis**, 2007, The effect of FeEDDHA and of ascorbic acid on in vitro rooting of the peach rootstock GF-677 explants, *Acta Physiologiae Plantarum*, 29, 559-561.
- E. Avramaki, C. Chatzissavvidis and **I. Papadakis**, 2007, Effects of NaCl and Fe-EDDHA concentration on salt toxicity and chemical composition of gardenia (*Gardenia*

- jasminoides Ellis) plants, *Journal of Biological Research*, 7, 99-104.
- D. Almaliotis, C. Chatzissavvidis, S. Marnasidis, T. Sotiropoulos and **I. Papadakis**, 2007, The effect of different fertilizers on nutritional status and fruit quality of the clingstone peach cv. Andross, *Agrochimica*, LI (4-5), 244-253.
 - A. Giannakoula, M. Moustakas, P. Mylona, **I. Papadakis** and T. Yupsanis, 2008, Aluminium tolerance in maize is correlated with increased levels of mineral nutrients, carbohydrates and proline and decreased levels of lipid peroxidation and Al accumulation, *Journal of Plant Physiology*, 165, 385-396.
 - **I.E. Papadakis**, K.N. Dimassi, I.N. Therios, A.M. Bosabalidis and T.E. Sotiropoulos, 2007, Effects of Mn on anatomy, growth and carbohydrate content of adventitious roots in *Citrus maxima* (Burm.) Merr. shoot explants, *Journal of Biological Research*, 8, 199-206.
 - E. Avramaki, C. Chatzissavvidis, **I. Papadakis** and I. Therios, 2007, Enhancement of P, K, Ca, Zn and Fe accumulation in gardenia plants (*Gardenia jasminoides*) grown in nutrient solution as a function of P and Fe interaction, *Bulgarian Journal of Agricultural Science*, 13, 325-331.
 - **I. Papadakis**, C. Chatzissavvidis, I. Therios and E. Protopapadakis, 2008, Changes in leaf Mn concentrations in mature 'Washington navel' orange trees with different Mn status after a single foliar application of MnSO₄, *European Journal of Horticultural Science*, 73(4), 162-165.
 - C. Chatzissavvidis, G. Veneti, **I. Papadakis** and I. Therios, 2008, Effect of NaCl and CaCl₂ on the antioxidant mechanism of leaves and stems of the rootstock CAB-6P (*Prunus cerasus* L.) under in vitro conditions, *Plant Cell, Tissue and Organ Culture*, 95, 37-45.
 - **I.E. Papadakis**, E.E. Protopapadakis and I.N. Therios, 2008, Yield and fruit quality of two late-maturing Valencia orange tree varieties as affected by harvest date, *Fruits*, 63(6), 327-334.
 - C. Chatzissavvidis, **I. Papadakis** and I. Therios, 2008, Effect of calcium on the ion status and growth performance of a citrus rootstock grown under NaCl stress, *Soil Science and Plant Nutrition*, 54(6), 910-915.
 - **I.E. Papadakis**, E.E. Protopapadakis and I.N. Therios, 2009, Yield and fruit quality of 'Nova' hybrid [*Citrus clementina* hort. ex Tanaka x (*C. reticulata* Blanco x *C. paradisi* Macfad)] and two Clementine varieties (*C. clementina* hort. ex Tanaka) as affected by self- and cross-pollination, *Scientia Horticulturae*, 121, 38-41.
 - T. Sotiropoulos, M. Koukourikou-Petridou, A. Petridis, D. Stylianidis, D. Almaliotis, **I. Papadakis**, I. Therios and A. Molassiotis, 2009, 'Tsechelidis' kiwifruit, *HortScience*, 44(2), 466-468.
 - T. Sotiropoulos, T. Thomidis, D. Almaliotis and **I. Papadakis**, 2009, Evaluation of some agronomical characters and resistance to Botrytis of the new Kiwifruit cv. 'Tsechelidis' (*A. Deliciosa*) in comparison to the cv. 'Hayward', *Acta Horticulturae*, 825, 383-388.
 - C. Chatzissavvidis, C. Antonopoulou, **I. Papadakis**, I. Therios and K. Dimassi, 2010, Effects of NAA and vitamin B2 on in vitro rooting of Citrus, *Acta Agriculturae Scandinavica, Section B - Plant Soil Science*, 2, 189-192.
 - T.A. Chatzistathis, **I.E. Papadakis**, I.N. Therios, A. Giannakoula, K. Dimassi, 2011, Is chlorophyll fluorescence technique a useful tool to assess manganese deficiency and toxicity stress in olive plants?, *Journal of Plant Nutrition*, 34 (1), 98-114.
 - G. Psarras, I. Kasapakis, E. Stefanoudaki, **I. Papadakis** and K.S. Chartzoulakis, 2011, Effect of different irrigation regimes on olive tree (*Olea Europaea* L., 'Koroneiki') physiology, yield and fruit quality, *Acta Horticulturae (ISHS)*, 888, 89-94.
 - C. Antonopoulou, K. Dimassi, C. Chatzissavvidis, **I. Papadakis** and I. Therios, 2012, The effect of the explant type and nutrient medium on the in vitro proliferation of olive (*Olea europaea* L., 'Chondrolia Chalkidikis'), *Acta Horticulturae (ISHS)*, 949, 185-189.
 - T. Chatzistathis, **I. Papadakis**, I. Therios, A. Patakas, A. Giannakoula, G. Menexes, 2012, Differential response of two olive cultivars to excess manganese, *Journal of Plant Nutrition*, 35 (5), 784-804.
 - **Papadakis, I.E.**, Tsiantas, P.I., Gerogiannis, O.N., Vemmos, S.N., Psychoyou, M., 2015. Photosynthetic activity and concentration of chlorophylls, carotenoids, hydrogen

- peroxide and malondialdehyde in loquat seedlings growing under excess boron conditions. *Acta Horticulturae*, 1092, 221-226. <https://doi.org/10.17660/ActaHortic.2015.1092.33>
- **Papadakis, I.E.**, Tsiantas, P.I., Psychoyou, M., Vemmos, S.N., 2015. The effects of boron on the uptake of various mineral elements by loquat plants. *Acta Horticulturae*, 1092, 227–234. <https://doi.org/10.17660/ActaHortic.2015.1092.34>
 - Sotiras, M.I.N., **Papadakis, I.E.**, Psychoyou, M., Vemmos, S., 2016. Salinity-induced changes in leaf photosynthesis, chlorophyll, proline, hydrogen peroxide and malondialdehyde in loquat plants. *Acta Horticulturae* 1139, 387–391. <https://doi.org/10.17660/ActaHortic.2016.1139.67>
 - Karantzi, A.D., **Papadakis, I.E.**, Psychoyou, M., Ioannou, D., 2016. Nutrient status of the banana cultivar “FHIA-01” as affected by boron excess. *Acta Horticulturae* 1139, 399–403. <https://doi.org/10.17660/ActaHortic.2016.1139.69>
 - **Papadakis, I.E.**, 2016. The timeless contribution of rootstocks towards successful horticultural farming: from ancient times to the climate change era. *American Journal of Agricultural and Biological Sciences* 11, 137–141. <https://doi.org/10.3844/ajabssp.2016.137.141>
 - Doupis, G., Kavroulakis, N., Psarras, G., **Papadakis, I.E.**, 2017. Growth, photosynthetic performance and antioxidative response of “Hass” and “Fuerte” avocado (*Persea americana* Mill.) plants grown under high soil moisture. *Photosynthetica* 55, 655–663. <https://doi.org/10.1007/s11099-016-0679-7>
 - Salis, C., **Papadakis, I.E.**, Kintzios, S., Hagidimitriou, M., 2017. In vitro propagation and assessment of genetic relationships of citrus rootstocks using ISSR molecular markers. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca* 45, 383–391. <https://doi.org/10.15835/nbha45210900>
 - Kafkaletou, M., Christopoulos, M.V., Tsaniklidis, G., **Papadakis, I.**, Ioannou, D., Tzoutzoukou, C., Tsantili, E., 2018. Nutritional value and consumer-perceived quality of fresh goji berries (*Lycium barbarum* L. and *L. chinense* L.) from plants cultivated in Southern Europe. *Fruits* 73, 5–12. <https://doi.org/10.17660/th2018/73.1.1>
 - **Papadakis, I.E.**, Veneti, G., Chatzissavvidis, C., Therios, I., 2018. Physiological and growth responses of sour cherry (*Prunus cerasus* L.) plants subjected to short-term salinity stress. *Acta Botanica Croatica* 77(2), 197-202. <https://doi.org/10.2478/botcro-2018-0012>
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