



**CURRICULUM VITAE
AND
ACADEMIC RECORD**

FOKION PAPATHANASIOU

Professor

Department of Agriculture
School of Agricultural Sciences
University of Western Macedonia

December 2020

Personal Details

Name: Fokion
Surname: Papathanasiou
Position: Professor, Botany-Plant Physiology
Date of Birth: 09-08-1969
Place of Birth: Levadia
Marital Status: Married with one child
Work address: Department of Agriculture, University of Western Macedonia, Terma Kontopoulou, 53100, Florina, Greece

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Education

Undergraduate studies: 1987-1991, Diploma in Agriculture, T.E.I of Larissa, Greece

Postgraduate Studies: 1991-1993, M.Sc in Plant Physiology, The Queen's University of Belfast, UK

Doctorate: 1993-1997, Ph.D in Plant Physiology, The Queen's University of Belfast, UK.

Teaching

- Ecology
- Plant Morphology and Anatomy
- Plant Physiology
- Plant Taxonomy
- Industrial and Forage Crops

Research Interests

- Environmental effects in plant morphology-physiology and agronomic performance
- Secondary metabolites in plants and stress effects
- Plant quality parameters and stress effects

Scholarships

My doctorate studies were funded by two scholarships:

-) Department of Agriculture for Northern Ireland postgraduate scholarship to cover fees for postgraduate studies
-) MacGeough Bond/Harold Barbour studentship, Faculty of Agriculture and Food Science, The Queen's University of Belfast, UK.

During my postgraduate studies I was awarded several prizes and small scholarships to participate in national and international scientific conferences:

-) Cyril Francis O' Reilly Fund Faculty of Agriculture and Food Science, QUB To participate in the 9th Congress of the Federation of European Societies for Plant Physiology in Czech Republic, 1994.
-) Emily Sarah Montgomery Scholarship, Academic Council The Queen's University of Belfast to participate in the 13th Triennial Conference of the European Association for Potato Research in Holland, 1996.
-) Rank Prize Funds Invited speaker in an Antinutritional Factors in Food, Cumbria, Great Britain, 1996.
-) Scholarship of the Department of Agriculture for Northern Ireland (DANI) to participate in the Agronomy and Utilization Symposium of the European Association for Potato Research in Sweden, 1997
-) Prize of the European Association for Potato Research, as young scientist to participate in the 14th Triennial Conference of the European Association for Potato

Research in Italy, 1999.

University Teaching

he Queen's University of Belfast, UK

1992 -1997, practical demonstrator and laboratory assistant in the Departments of Applied Plant Science and Biology and Biochemistry of The Queen's University of Belfast.

of Larisa, Greece

2002-2007, Part-time Assistant Professor in the Department of Plant Production, TEI of Larisa, Greece.

of Western Macedonia, Greece

2007-2019 Full-time Professor in Botany-Plant Physiology in the Department of Agricultural Technology, TEI of Western Macedonia, Greece.

University of Western Macedonia, Greece

2019-present Full-time Professor in Botany-Plant Physiology in the Department of Agriculture, School of Agricultural Sciences, University of Western Macedonia, Greece.

Management Experience in the of Western Macedonia

Deputy Head of the Department of Plant Production, TEI of Western Macedonia (10-11-2011 until 31-8-2013), Deputy Educational Advisor in the Department of Plant Production, TEI of Western Macedonia (2007-2008, 2010-2011 and 2011-2012). Deputy representative of the Department of Plant Production in the Special Account of Research and Education of the TEI of Western Macedonia (2010-2013). Representative of the Department of Agricultural Technology in the Special Account of Research and Education of the TEI of Western Macedonia (2017-2019). Member of many committees and management boards in the Department. Academic Coordinator of the European Program Erasmus+ for the Department of Plant Production from February 2008 and the new Department of Agricultural Technology from September

2013 until now. Since November 2018 Director of the established research laboratory of “Agricultural Development and Food” of the Department of Agricultural Technology of the TEI of Western Macedonia and now of the Department of Agriculture of the University of Western Macedonia.

Management Experience in the University of Western Macedonia

From June-August 2019, deputy Head of the Department of Agriculture, School of Agricultural Sciences, University of Western Macedonia.

From June-August 2019 deputy president of the former Special Account of Research and Education of the TEI of Western Macedonia with participation in the Special Account of Research and Education of the University of Western Macedonia.

From March 2020 Director for a three year term of the Institute of Sustainable Development and Management of Natural Resources of the University Research Center of the UOWM

From August 2019-present, representative of the Department of Agriculture in the Special Account of Research and Education of the University of Western Macedonia and deputy president of the Research Committee of the University.

Participation in the committee responsible for the new study program of the Department of Agriculture of the University of Western Macedonia and also member of the Committee responsible for the Internal Evaluation Report of the Department.

Professional Experience

August-September 1989 1990 1991 1993

Assistant in Quality Control Laboratory, D. Nomikos Co., Tomato Paste Industry, Aliartos, Viotia, Greece

July 1997 - December 1997

Honorary Research Fellow, Faculty of Agriculture and Food Science, The Queen’s University of Belfast, UK.

September 1999 - January 2000

Inspector Agronomist for cotton quality control, in the Greek Cotton Organization.

February 2000 – July 2001

Supervisor of Research and Development of Field Crops, Spirou Agricultural Company, Athens, Greece

July 2001 – February 2007

Extension Agronomist in the Hellenic Sugar Industry.

Participation in Research Projects

1. Participant body coordinator of the research project «**Single-plant resource use efficiency and the investigation of the appropriate mycorrhizal inocula to boost grain productivity of corn genotypes**», funded by the National Action «**RESEARCH-CREATE-INNOVATE**» NSRF 2014-2020. **Duration from 28-6-2018 until 27-12-2021.**

2. Scientific coordinator of the research project «**Creation of high quality genetic material for durum wheat**», funded by the Special Research and Education Account of the University of Western Macedonia. **Duration from 1-5-2019 until 31-3-2021.**

3. Scientific coordinator of the research project «**Evaluating the use of biomass derived from the management of the lakeside vegetation of Mikri Prespa for the improvement of cultivated land in the Prespa area**», funded by the Society for the Protection of Prespa (SPP) under the action LIFE15 NAT/GR/000936. **Duration 11-12-2018 until 30-6-2021.**

4. Scientific coordinator of the project «**Expanding and upgrading the research capabilities of the Laboratories of the Department of Agriculture in the rapidly evolving field of Precision Agriculture**», funded by the Region of Western Macedonia under the action «Enhance Research, Technological Development and Innovation» - Call 57. **Duration 03-2-2020 until 31-5-2021.**

4. Scientific coordinator of the project «**Expanding and upgrading the research capabilities of the Laboratories of the Department of Agriculture in the rapidly evolving field of Precision Agriculture**», funded by the Region of Western

Macedonia under the action «Enhance Research, Technological Development and Innovation» - Call 57. **Duration 03-2-2020 until 31-5-2021.**

5. Member of the Research team of the project «**Clever System for the improvement of bean cultivation under Precision Agriculture**», funded by the Region of Western Macedonia under the action «Regional Excellence» **Duration 01-11-2020 until 31-5-2023.**

6. Participant body coordinator of the research project «**Evaluation of lines and hybrids of corn under drought stress**», funded by the Operational Program COOPERATION 2009-Partnerships of Production and Research Institutions, NSRF 2007-2013. **Duration from 9-11-2011 until 31-10-2015.**

7. Scientific Coordinator of the research project «**Selection of high yielding lines of dry bean (*Phaseolus vulgaris* L.) and their evaluation under salinity and water stress**», funded by the Special Research and Education Account of the TEI of Western Macedonia. **Duration from 1-12-2016 until 30-11-2019.**

8. Scientific Coordinator of the research project «**Evaluation of local populations of common bean (*Phaseolus vulgaris* L.) under organic production in the National Park of Prespa**», funded by the Special Research and Education Account of the TEI of Western Macedonia. **Duration from 16-9-2008 until 30-8-2011.**

9. Member of the Research team of the project «**Bio-guided isolation of cytoprotective components from Greek aromatic plants and their use for development of novel dairy and winery products**» funded by the Operational Program COOPERATION 2011-Partnerships of Production and Research Institutions, NSRF 2007-2013. **Duration from 1-3-2013 until 30-6-2015.**

10. Member of the research team of the project «**Laboratory Production of Truffle infected trees with the fungus (*Tuber melanosporum*) with different inoculation techniques**» funded by the Special Research and Education Account of the TEI of Western Macedonia. **Duration from 1-9-2013 until 31-12-2015.**

11. Member of the research team of the project «**Evaluation of the potential performance of soft wheat varieties carrying the chromosomal translocation 1VL.1RS with morphological, physiological, biochemical and qualitative**

criteria», funded by the Research and Education Account of the TEI of Western Macedonia. **Duration from 1-10-2016 until 31-8-2019.**

Also, I participated as a main researcher of the Spirou Agricultural Company in the following research projects:

12. «**Development of biotechnological methods for the production of healthy propagation material and evaluation of tolerance in tomato, watermelon and cotton varieties**». EU and National funded project in cooperation with the Agricultural University of Athens and the Benakeio Phytopathology Institute **(2000-2001)**.

13. «**Network for the cooperation of laboratories, research institutes and private companies on agrobiotechnology**». EU and National funded project **(2000-2001)**.

Participation in European Interregional Projects INTERREG

Participation in the interregional program INTERREG IV «Greece-Albania» «An Applied Agrometeorological System for the Protection of the Environmental Resources and Farming Optimization». Project Coordinator: Department of Plant Production, TEI of Western Macedonia. **Duration from 17-10-2012 until 30-6-2014.**

Participation in European Funded Educational Projects

1. Participation in the Operational Program «Information Society» under the Program «Advanced services for electronic education in the TEI of Larisa» funded by EU and National Funds. **Duration from 3-4-2006 until 30-9-2006.**

2. Participation in the «Development of Educational Program of Undergraduate Studies of the Department of Plant Production of the TEI of Western Macedonia» and in the action «Introduction to Research» funded by EU and National Funds. **Duration from 1-1-2008 31-8-2008.**

3. Participation in the Operational Programme “Education and Life Long Learning 2007-2013” under the program «work placement of the Department of Plant

Production» funded by EU and National Funds. **Duration from 1-12-2010 until 30-9-2012.**

4. Participation in the Operational Programme “Education and Life Long Learning 2007-2013” under the program «Employment and Career structure of TEI of Western Macedonia» funded by EU and National Funds. **Duration from 16-2-2011 until 31-12-2014.**

5. Participation in the Operational Programme “Education and Life Long Learning 2007-2013” under the program «*Unit of Quallity Assurance-MODIP* of TEI of Western Macedonia» funded by EU and National Funds. **Duration from 15-10-2010 until 31-8-2011.**

6. Participation in the Operational Programme «Digital Library-Services of digital library of TEI of Western Macedonia » funded by EU and National Funds. **Duration from 4-3-2014 until 30-11-2015.**

7. Coordinator of the Educational Program “TRIPTOLEMOS” organized by the Department of Agricultural Technology of the TEI of Western Macedonia with five short seminars for unemployed young people in different agricultural aspects and funded by the Ministry of Education-Geeneral Secreteriat of Young People and Life Long Learning. . **Duration from 1-3-2018 until 30-6-2018.**

Reviewer of Publications in Scientific Journals

- Journal of Plant Nutrition and Soil Science, Wiley-VCH
- Environmental Science and Pollution Research, Springer publications
- Journal of Food Agriculture and Environment, WFL Publisher
- International Research Journal of Plant Science, IRJ publications
- Journal of Cereals and Oilseeds, Academic Journals Publications
- Journal of Environmental Chemistry and Ecotoxicology, Academic Journals Publications

- International Research Journal of Agricultural Science, International Research Journals
- Acta Agriculturae Scandinavica, Section B - Plant Soil Science, Taylor and Francis Publications
- Journal of Integrative Agriculture, Elsevier Publications
- Crop Breeding and Applied Biotechnology Journal, Brazilian Society of Plant Breeding
- Agriculture, MDBI Publishers
- Agronomy, MDBI Publishers
- Sustainability, MDBI Publishers and member of the Editorial Board
- Molecules, MDBI Publishers
- Industrial Crops and Products, Elsevier Publishers

Participation in Symposium-Conferences

- Irish Botanists Meeting, 13-15 April 1992, The Queen's University of Belfast, Belfast, N. Ireland
- Meeting of the Society for Experimental Biology and British Society for Plant Growth Regulation, 9-11 September 1992, University of Lancaster, Lancaster, UK
- Irish Botanists Meeting, 31 March-2 April 1993, University College Cork, Cork, Ireland
- Irish Botanists Meeting, 29-31 March 1994, University of Ulster, Coleraine, N. Ireland
- 9th Congress of the Federation of European Societies of Plant Physiology, 3-8 July 1994, Brno, Czech Republic
- Irish Botanists Meeting, 20-22 April 1995, Maynooth College, Dublin, Ireland
- Irish Botanists Meeting, 20-22 March 1996, Trinity College, Dublin, Ireland
- Symposium on Antinutritional Substances in Foods and Feeds, 22-25 April 1996, organized by the Rank Prize Funds, Gransmere, UK
- 13th Triennial Conference of the European Association for Potato Research, 14-19

July 1996, Veldhoven, Holland

- Joint Agronomy-Utilization Conference of the European Association for Potato Research, 21-27 June 1997, Halmstad, Sweden
- 14th Triennial Conference of the European Association for Potato Research, 2-7 May 1999, Sorrento, Italy
- 2nd Balkan Symposium on Vegetables and Potatoes, 11-15 October 2000, Thessaloniki, Greece
- Symposium on " Organic Agriculture: Plant and Animal Production". Network for Organic Agriculture, 2 February 2001, Thessaloniki, Greece
- 1st Symposium in Horticulture for Southeast Europe, 16-20 October 2002, Ohrid, FYROM
- Symposium on «New Technologies for greenhouses friendly to the environment», University of Thessaly and TEI of Larisa, 16 December 2004, Larisa, Greece.
- Symposium « New technologies and innovations in plant production and agricultural development», 13-15 May 2005, Larisa, Greece.
- International Institute for Beet Research, Plant and Soil Group Meeting, Ferrara Italy, October 2005.
- International Institute for Beet Research, Mediterranean Group Meeting, Ferrara Italy, October 2005
- Bioacademy 2009, 2nd International Conference, Organic Farming- A response to Economic and Environmental Challenges, Lednice na Morave, Czech Republic, June 2009.
- 19th International Symposium Ecology and Safety 2010, Burgas Bulgaria, 7-11 June 2010
- 28th International Horticultural Congress, ISHS, Lisbon Portugal, 22-27 August 2010
- 25th National conference of the Greek Horticultural Society, Lemesos, Cyprus, 1-4- November 2011
- 26 National conference of the Greek Horticultural Society, Kalamata, 15-18 October

2013.

- International Plant Breeding Congress, Antalya, Turkey, 10-14 November 2013.
- Genetic Resources for Food and Agriculture in a Changing Climate, Lillehammer, Norway, 26-28 January 2014.
- A resilient agriculture serving sustainability in a fluctuating environment, Orestiada, Greece, 2-3 June 2014.
- AgriBalkan-Balkan Agricultural Congress, Edirne, Turkey, 8-11 September 2014.
- Grand Challenges Great Solutions (ASA, CSSA, SSSA, International Annual Meeting) Long Beach, CA, USA, 2-5 November 2014.
- Agriculture and Climate Change-Adapting Crops to Increased Uncertainty, Amsterdam, the Netherlands, 15-17 February 2015.
- 16th National Conference of the Greek Scientific Society for Plant Breeding and Genetics, Florina, 28-30 September 2016
- VIII International Scientific Agriculture Symposium «AGROSYM 2017», Jagorina, Bosnia and Herzegovina, 5-7 October 2017
- International Agricultural, Biological & Life Science Conference, 2-5 September 2018, Edirne, Turkey.
- 7th Balkan Botanical Congress, 10-14 September 2018, Novi Sad, Serbia.
- IX International Scientific Agriculture Symposium «AGROSYM 2018», Jagorina, Bosnia and Herzegovina, 4-7 October 2018.
- 17th National Conference of the Greek Scientific Society for Plant Breeding and Genetics, Patra, 17-19 October 2018
- II International Green Biotechnology Congress, Istanbul, Turkey, 9-11 September 2019
- X International Scientific Agriculture Symposium «AGROSYM 2019», Jagorina, Bosnia and Herzegovina, 3-6 October 2019.

ACADEMIC RECORD

M.Sc and Ph.D Thesis

1. Papathanasiou F. (1993). *In vitro* culture of *Solanum tuberosum*: some causes of variability in plantlet and microtuber development. M.Sc Thesis, Belfast, UK, 146 pp.
2. Papathanasiou F. (1997). Glycoalkaloids in potato tubers: Developmental and environmental effects. Ph. D Thesis, Belfast, UK, 294 pp.

Publications in international journals with peer review
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1. Ninou E., Mylonas I., Tsivelikas A.L., Ralli P., Aschonitis V., Papathanasiou F., Paschalidis K., and C.M. Cook (2020). Nitrogen Effects on the Essential oil and Biomass Production of Field Grown Greek Oregano (*Origanum vulgare* subsp. *hirtum*) Populations. Submitted for publication.
2. Papathanasiou F., Kargiotidou A., Baxevanos D., Vlachostergios D.N., Papadopoulou F., and I. Papadopoulos (2020) Physiological and agronomic performance of dry bean (*Phaseolus vulgaris* L.) populations under water deficit. Submitted for publication.
3. Mylonas I., Ninou E., Tsivelikas A.L., Ralli P., Tsivelika N., Avdikosa E. and F. Papathanasiou (2020). Greek wheat landraces: an important source of germplasm for low-input agriculture. Submitted for publication.
4. Mylonas I., Sinapidou E., Remountakis E, Sistanis I., Pankou C., Ninou E., Papadopoulos I., Papathanasiou F., Lithourgidis A., Gekas F., Dordas C., Tsantarmas K., Kargiotidou A., and I. Tokatlidis (2020). Improved Plant Yield Efficiency Alleviates the Erratic Optimum Density in Maize. *Agronomy Journal* <https://doi.org/10.1002/agj2.20187>
5. Sinapidou E., Pankou C., Gekas F., Sistanis I., Tsantarmas K., Tokamani M., Mylonas I., Papadopoulos I., Kargiotidou A., Ninou E., Papathanasiou F., Sandaltzopoulos R., and I. Tokatlidis (2020). Plant Yield Efficiency by Homeostasis as Selection Tool at Ultra-Low Density. A Comparative Study with Common Stability Measures in Maize. *Agronomy* 2020, 10(8), 1203; <https://doi.org/10.3390/agronomy10081203>
6. Papathanasiou F., Papadopoulou F. Mylonas I., Ninou E. and Papadopoulos I. (2019). Single-Plant selection at ultra-low density of first generation lines of three

- bean cultivars under water stress. *Agriculture and Forestry*, 65(4), 27-34. DOI: [10.17707/AgricultForest.65.4.03](https://doi.org/10.17707/AgricultForest.65.4.03)
7. Ninou E., Papathanasiou F., Vlachostergios D.N., Mylonas I., Kargiotidou A., Pankou C., Papadopoulos I., Sinapidou E., and I. Tokatlidis (2019). Intense breeding within lentil landraces for high yielding pure lines sustained the seed quality characteristics. *Agriculture*, 9 (8), 175; <https://doi.org/10.3390/agriculture9080175>
 8. Kargiotidou A., Papathanasiou F., Baxevas D., Vlachostergios D.N., Stefanou S., Papadopoulos I. (2019). Yield and Stability for agronomic and seed quality traits of common bean genotypes under Mediterranean conditions. *Legume Research*, 42(3), 308-313. DOI: [10.18805/LR-437](https://doi.org/10.18805/LR-437)
 9. Dordas C., Papathanasiou F., Lithourgidis A., Petrevska J.K., Papadopoulos I., Pankou C., Gekas F., Ninou E., Mylonas I., Sistanis I., Tsantarmas K, Kargiotidou A, and I. Tokatlidis (2018). Evaluation of physiological characteristics as selection criteria for drought tolerance in maize inbred lines and their hybrids. *Maydica* 63(2) 14-28.
 10. Xynias I.N., Mavromatis A.G., Pankou C.I., Koutsoura T., Kyparissas D., Liliopoulou E., Priami M., Tasios I., Trakosiaris D., and Papathanasiou F. (2018). Effect of the 1BL.1RS wheat-rye translocation on qualitative traits in bread wheat. *Agriculture and Forestry*, 64(4), 15-20.
 11. Vakali, C., Baxevas, D., Vlachostergios, D., Tamoutsidis, E. Papathanasiou, F., and Papadopoulos I. (2017). Genetic Characterization of Agronomic, Physicochemical and Quality parameters of Dry Bean Landraces under Low-input Farming. *Journal of Agricultural Science and Technology*, 19(4) 957-967.
 12. Tokatlidis I., Dordas C., Papathanasiou F., Papadopoulos I., Pankou C., Gekas F., Ninou E., Mylonas I., Tzantarmas C., Petrevska J.K., Kargiotidou A., Sistanis I., and Lithourgidis A. (2015). Improved plant yield efficiency is essential for maize rainfed production. *Agronomy Journal*, 107, 1011-1018.
 13. Gekas F., Pankou C., Mylonas I., Ninou E., Sinapidou E., Lithourgidis A., Papathanasiou F., Petrevska J.K., Papadopoulou F., Zouliamis P., Tsaprounis G., Tokatlidis I. and Dordas C. (2013). The Use of Chlorophyll Meter Readings for the Selection of Maize Inbred Lines Under Drought Stress. *World Academy of Science, Engineering and Technology, International Journal of Biological, Food, Veterinary*

- and Agricultural Engineering 7(8) 472-476. (<http://waset.org/publications/16582/the-use-of-chlorophyll-meter-readings-for-the-selection-of-maize-inbred-lines-under-drought-stress>).
14. Papathanasiou F., Papadopoulos, I. Tsakiris, I. and Tamoutsidis E (2012). Vermicompost as a soil supplement to improve growth, yield and quality of lettuce (*Lactuca sativa* L.). Journal of Food, Agriculture and Environment 10 (2), 677-682.
 15. Papadopoulos I., Papathanasiou, F., Vakali, C., Kazoglou, I., and Tamoutsidis, E. (2012). Local landraces of dry beans (*Phaseolus vulgaris* L.): a valuable resource for organic production in Greece. Acta Horticulturae 933, 75-81.
 16. Papathanasiou F., Papadopoulos I., Vakali C., Kazoglou I., and Tamoutsidis E. (2010). Evaluation of local landraces of common bean (*Phaseolus vulgaris* L.) under organic agriculture in Greece. Journal of International Research Publication: Ecology and Safety, 5, 25-35.
 17. Tamoutsidis I., Lazaridou I., Papadopoulos I., Spanos I., Papathanasiou F., Tamoutsidou M., Mitlianga P. and Vasiliou G. (2009). The effect of treated urban wastewater on soil properties, plant tissue composition and biomass productivity in berseem clover and corn. Journal of Food, Agriculture and Environment, 7 (3-4), 782-786.
 18. Papathanasiou, F., Mitchell, S.H., Watson, S. and Harvey, B.M.R. (1999). Effect of environmental stress during tuber development on accumulation of glycoalkaloids in potato (*Solanum tuberosum* L.). Journal of the Science of Food and Agriculture, 79, 1183-1189.
 19. Papathanasiou, F., Mitchell, S.H. and Harvey, B.M.R. (1999). Variation in glycoalkaloid concentration of potato tubers harvested from mature plants. Journal of the Science of Food and Agriculture, 79, 32-36.
 20. Papathanasiou, F., Mitchell, S.H. and Harvey, B.M.R. (1998). Glycoalkaloid accumulation during tuber development of field grown early cultivars. Potato Research, 41, 117-125.
 21. Papathanasiou F., Selby, C. and Harvey, B.M.R. (1996). Soluble iron is lost from MS medium pre-exposed to light but growth of potato plantlets is not inhibited. Plant Cell Tissue and Organ Culture, 46, 117-121.

Publications in national journals with peer review

1. Papathanasiou, F., Podimatas, K. and Gravanis, F. (2010). Potato glycoalkaloids: biosynthesis, metabolism, plant distribution, toxicity and effect of different factors in their concentrations. *Geotechnical Scientific Issues*, 20 (1), 65-79. (In Greek with English Abstract).

Publications in scientific books

1. Papathanasiou, F., Watson, S. and Harvey, B.M.R. (1994). Effect of explant stem length on potato (*Solanum tuberosum* L.) microtuber formation *in vitro*. In: *Physiology, growth and development of plants and cells in culture*, Lumsden, P.L., Nicholas, J.R. and Davies, W.J. (Eds). Kluwer Academic Publishers, Dordrecht, The Netherlands, 249-253.

Publications in proceedings of national and international conferences after peer review

1. Papathanasiou F., Orfanoudakis M., Tsialtas I., Ipsilantis I., Sinapidou E., Vryzas Z., Papadopoulos I. and Tokatlidis I. (2019). Single-plant resource use efficiency and the investigation of the appropriate mycorrhizal inocula to boost grain productivity of corn genotypes. II International Green Biotechnology Congress, Istanbul, Turkey, 9-11 September 2019, pp 33-34.
2. Xynias I.N., Mavromatis A.G, Pankou C.I. Koutsoura F., Kyparissas D., Liliopoulou E., Priami M., Tasios I., Trakosiaris D. and Papathanasiou F., (2019). Over locations evaluation of the effect of 1bl.1rs wheat-rye translocation on bread wheat quality. II International Green Biotechnology Congress, Istanbul, Turkey, 9-11 September 2019, pp 30-32.
3. Papathanasiou F., Tasios I. Trakosiaris D., Koutsoura F. Mavromatis A.G., Pankou C.I. and Xynias I.N. (2019) "Effect of the 1BL.1RS wheat-rye chromosomal translocation in bread wheat cultivars on physiological traits", X

International Agriculture Symposium "AGROSYM 2019" Jahorina, 3-6 October 2019, Bosnia and Herzegovina, 2019 p.186-190.

4. Papathanasiou F., Papadopoulou F. and Papadopoulos I., "Single-Plant selection at ultra-low density of three bean cultivars and salinity tolerance during germination", IX International Agriculture Symposium "AGROSYM 2018" Jahorina, 4-7 October 2018, Bosnia and Herzegovina, 2018, pp 164-169.
5. Xynias I.N., Mavromatis A.G., Pankou C.I. and F. Papathanasiou (2018). Physiological study of cultivars carrying the 1BL.1RS wheat-rye chromosomal translocation in bread wheat. International Agricultural, Biological & Life Science Conference, 2-5 September 2018, Edirne, Turkey.
6. Gekas F., Papathanasiou F. and Tokatlidis I. (2018). Evaluation of maize inbred lines and hybrids under drought stress using physiological traits. 7th Balkan Botanical Congress, 10-14 September 2018, Novi Sad, Serbia.
7. A., , , . (2018).
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8. Pankou C., Papathanasiou F., Lazaridou T.B. and Xynias I.N. (2017). Study of the performance of bread wheat cultivars carrying the 1BL.1RS wheat-rye chromosomal translocation with physiological criteria. In the proceedings of the VIII International Scientific Agriculture Symposium «AGROSYM 2017», Jagorina, 5-7 October 2017, Bosnia and Herzegovina p. 251-255.
9. , . , J.K. Petrevska, ,
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10. Papathanasiou F., Dordas C., Gekas F., Pankou C., Ninou E., Mylonas I., Tsantarmas K, Sistanis I., Sinapidou E., Lithourgidis A., Petrevska J.K., Papadopoulos I., Zouliamis P., Kargiotidou A, and I. Tokatlidis (2015). The use of stress tolerance indices for the selection of tolerant inbred lines and their correspondent hybrids under normal and water-stress conditions. *Procedia Environmental Sciences*, 29,274-275.
11. Dordas C., Gekas F., Pankou C., Ninou E., Mylonas I., Tsantarmas K, Sinapidou E., Lithourgidis A., Sistanis I., Petrevska J.K., Papadopoulos I., Zouliamis P., Kargiotidou A, Papathanasiou F., and I. Tokatlidis (2015). Selection of inbred lines and their correspondent hybrids under ultra-spaced and highly dense at normal and water-stress conditions. *Procedia Environmental Sciences*, 29, 104-105.
12. Sandaltzopoulos R., Tokamani M., Karapetsas A., Sinapidou E., Dordas C., Papathanasiou F., and Tokatlidis I. (2015). Zmpti1c overexpression correlates with increased adaptability of maize in low irrigation conditions. *Journal of Biotechnology*. (208 Supplement), S110.
<http://dx.doi.org/10.1016%2Fj.jbiotec.2015.06.347>
13. Papathanasiou F., Tzantarmas C., Ninou E., Gaintatzi C., Pankou C., Gekas F., Mylonas I., Kargiotidou A., Pehlivanidou E., Papadopoulos I., Sistanis I., Dordas C. and Tokatlidis I. (2014). Space-planted condition abates the GxE interaction in maize inbred lines and hybrids. *Book of Abstracts of the Conference: Grand Challenges Great Solutions (ASA, CSSA, SSSA, International Annual Meeting) Long Beach, CA, USA, 2-5 November 2014*
<https://scisoc.confex.com/scisoc/2014am/webprogram/Paper86121.html>
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