



**CURRICULUM VITAE
AND
ACADEMIC RECORD**

FOKION PAPATHANASIOU

Professor

Department of Agriculture
School of Agricultural Sciences
University of Western Macedonia

DECEMBER 2023



Professor in Botany and Plant Physiology in the University of Western Macedonia, Greece, Dean of the Faculty of Agricultural Sciences of the University of Western Macedonia and Director of the Institute of Sustainable Development and Natural Resources Management of the University Research and Innovation Centre TIMENOS in the same University. Vice-president of the Research Council of the University of Western Macedonia and member of the Regional Council for Research and Innovation of the Region of Western Macedonia. With a very good research activity in planning and implementing research projects either as Scientific Coordinator, member of the research team or external contractor, in 23 research projects (MYCCORN-DENOP- LIFE15 NAT/GR/000936). I have taken part in 11 European funded Educational Programs and in 1 INTERREG project (AGROMETEOROLOGY). Until now I have published over 118 research papers in international journals and proceedings of national/international conferences with peer review. Guest Editor and reviewer in several international research journals. My scientific research is focused on the effect of environmental conditions in plant secondary metabolites as well as of abiotic stresses in plant growth and product quality, use of new technologies in agriculture but also in the exploitation of biodiversity in plant genetic resources.

Personal Details

Name:	Fokion
Surname:	Papathanasiou
Position:	Professor, Botany-Plant Physiology
Work address:	Department of Agriculture, University of Western Macedonia, Terma Kontopoulou, 53100, Florina, Greece
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Google Scholar:	https://scholar.google.com/citations?hl=el&user=mnK_l3kAAAAJ
ResearchGate:	https://www.researchgate.net/profile/Fokion-Papathanasiou

Education

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

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

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

Research Interests

- Environmental effects in plant morphology-physiology and agronomic performance
- Secondary metabolites in plants and stress effects
- Plant quality parameters and stress effects
- Use of new technologies in Agriculture

University Teaching

University of Western Macedonia, Greece

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

TEI of Western Macedonia, Greece

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

TEI of Larisa, Greece

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

The 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.

Current Administration Positions

Dean of the Faculty of Agricultural Sciences of the University of Western Macedonia

Director of the Institute of Sustainable Development and Management of Natural Resources, of the University Research and Innovation Centre TIMENOS of the University of Western Macedonia and Vice President of the UCRI TIMENOS.

Member of the Regional Council for Research and Innovation of the Region of Western Macedonia

Vice-president of the Research Council of the University of Western Macedonia

Erasmus+ Academic Coordinator

Former Professional Experience

July 2001 – February 2007

Extension Agronomist in the Hellenic Sugar Industry.

February 2000 – July 2001

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

September 1999 - January 2000

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

July 1997 - December 1997

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

August-September 1989 1990 1991 και 1993

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

Participation in Research Projects

1. Participant body coordinator of the project «**Use of innovative techniques and utilization of natural resources (geothermal waters) for the sustainable development of greenhouses**», funded by the Region of Western Macedonia under the Special Developmental Program of Western Macedonia. **Duration 09-11-2022 until 30-09-2025.**
2. Scientific coordinator of the research program "**Biodiversity Study of the area of Kouri Forest in the Municipality of Kozani**", funded by the Cluster of Bioeconomy and Environment of Western Macedonia CluBE. **Duration from 1-11-2023 until 31-10-2024.**
3. Scientific Coordinator and participation in the research project "**Biogeographical comparison of factors affecting the abundance of invasive species in natural and non-natural ecosystems**", funded by CABI International. **Duration from 21-6-2023 until 30-06-2026.**
4. Participation in the research project "**Assessment of cold resistance of fruit flowers (apple, peach, cherry), using differential thermal analysis (dta)**", funded by the Region of Western Macedonia under the Special Development Program of Western Macedonia. **Duration from 15-9-2023 until 31-07-2025.**
5. 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 27-12-2022.**
6. 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**», «Enhance Research, Technological Development and Innovation» - Call 57. **Duration 03-2-2020 until 31-12-2023.**
 7. 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 31-03-2022.**
 8. 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 31-8-2021.**
 9. Scientific coordinator of the research project «**Evaluation of the yield potential of individual plants for seed yield in a climbing bean population and selection of the high-yielding single plants**», funded by the private company AGROVEG **Duration 12-4-2021 until 30-4-2022.**
 10. Scientific coordinator of the research project «**Evaluation of the yield potential of high-yielding lines of a climbing bean population under farming conditions**», funded by the private company AGROVEG **Duration 13-4-2022 until 31-3-2023.**
 11. Scientific coordinator of the research project «**Evaluation of the yield potential and the seed quality characteristics of new corn hybrids in the soil-climatic conditions of Western Macedonia**», funded by the private company SPIROU **Duration 1-5-2021 until 30-4-2022.**
 12. Participant body coordinator for the UOWM of the research project «**Rye Vevis: Improvement of productivity and yield stability for cultivation in organic or low-input environments with a parallel improvement of its nutritive value**», funded by the National Action «**PAA 2014-2020 Measure 16-16.1-16.2**». **Duration from 1-8-2023 until 31-12-2025.**
 13. Participant body coordinator for the UOWM of the research project «**Improving the agronomic value of the Prespa bean-type Plake for registration and protection of the traditional cultivar**», funded by the National Action «**PAA 2014-2020 Measure 16-16.1-16.2**». **Duration from 1-8-2023 until 31-12-2025.**
 14. Participant body coordinator for the UOWM of the research project «**Bean and split bean of Feneos: Improving the agronomic value and protecting the traditional cultivars**», funded by the National Action «**PAA 2014-2020 Measure 16-16.1-16.2**». **Duration from 11-4-2023 until 31-12-2025.**
 15. Participant body coordinator for the UOWM of the research project «**Split bean of Santorini: Improving productivity, production of healthy reproduction material, description of the traditional cultivar and development of adapted plant materials**», funded by the National Action «**PAA 2014-2020 Measure 16-16.1-16.2**». **Duration from 20-12-2022 until 31-12-2025.**
 16. Participation in the research project «**A clever system for improving bean cultivation under Precision Agriculture**» funded by the National Action Regional Excellence and the Region of Western Macedonia. **Duration from 01-11-2020 until 30-9-2023.**

17. Participation in the research project «**A clever IoT platform for the management and use of recycled waste water for crop irrigation under Precision Agriculture**» funded by the National Action «**RESEARCH-CREATE-INNOVATE**» NSRF 2014-2020. **Duration from 14-6-2021 until 30-9-2023.**
18. 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.**
19. 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.**
20. Scientific Coordinator of the research 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 30-11-2019.**
21. 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.**
22. 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.**
23. 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.**

Participation in European Interregional Projects INTERREG

1. 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 and National Funded Educational Projects

1. Participation in the Erasmus-EDU-2021-PEX-COVE call with the project **Sustainable Energy Education (SEED)**, as part of the University of Western Macedonia team funded by the European Union and the call Erasmus-LS. . **Duration from 16-9-2022 until 31-5-2026.**
2. Coordinator of the Educational Program “**Agrocircularity: Applications in Agriculture-An education program for enhancing the circular bioeconomy in the Agro-food sector**” in

- cooperation with the New Agriculture-New Generation Organization funded by the Stavros Niarchos Foundation and the Region of Western Macedonia. **Duration from 21-4-2021 until 30-7-2022.**
3. Coordinator for the Department of Agriculture in the **International Mobility Cooperation of the Department of Agriculture-UOWM with the Hebron University of Palestine** under the program Erasmus+ International Mobility-Key Action 1. **Duration from 20-11-2020 until 31-7-2023.**
 4. Coordinator of the Department of Agriculture in the **International Mobility Cooperation of the Department of Agriculture-UOWM** with three more approved cooperation proposals with Universities of Bosnia and Herzegovina, Iran and Uruguay in the framework of the **Erasmus+ International Mobility-Key Action 1 program. Started from 20-11-2022.**
 5. 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-General Secretariat of Young People and Life Long Learning. . **Duration from 1-3-2018 until 30-6-2018.**
 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. Participation in the Operational Programme **“Education and Life Long Learning 2007-2013”** under the program **«Unit of Quality Assurance-MODIP** of TEI of Western Macedonia» funded by EU and National Funds. **Duration from 15-10-2010 until 31-8-2011.**
 8. 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.**
 9. 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.**
 10. 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 έως και 31-8-2008.**
 11. 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.**

Editor and Reviewer in Scientific Journals

Guest Editor in the Special issue of the Journal Sustainability-MDPI ["Sustainability of Agriculture: The Impact of Climate Change on Crops"](#)

Co-Guest Editor in the Special issue of the Journal Agronomy-MDPI [Current Status and Future Prospects of Genotype X Environment Interaction in Plant Breeding and Crop Adaptation](#)

Co-Guest Editor in the Special issue of the Journal Agronomy-MDPI [Genotype X Environment Interactions in Crop Production](#)

Reviewer in the following 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 και μέλος του Editorial Board
- Molecules, MDBI Publishers
- Industrial Crops and Products, Elsevier Publishers

ACADEMIC RECORD

M.Sc and Ph.D Thesis

1. Papathanasiou F. (1997). Glycoalkaloids in potato tubers: Developmental and environmental effects. Ph. D Thesis, Belfast, UK, 294 pp.
2. 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.

Publications in international journals with peer review

1. Melios S., Ninou E., Irakli M., Tsivelika N., Sistanis I., Papathanasiou F., Didos S., Zinoviadou K., Karantonis H.C., Argiriou A. and I. Mylonas I. (2024). Effect of Genotype, Environment and Genotype by Environment interactions on the antioxidant properties of

- Durum Wheat: impact of nitrogen fertilization, its application method and planting date. *Agriculture* 2024 (accepted for publication).
2. Ninou E., Tsivelika N., Sistanis I., Katsenios N., Korpetis E., Vasaneli E., Papathanasiou F., Didos S., Argiriou A. and I. Mylonas I. (2023). Assessment of Durum Wheat Cultivars Adaptability in Mediterranean Environments through GxE Interaction Analysis. *Agronomy* 2023 (accepted for publication).
 3. Damos P., Papathanasiou F., Tsikos E., Kyriakidis T. and Louta M. (2023). Predicting the Occurrence and Risk Damage Caused by the Two-Spotted Spider Mite *Tetranychus urticae* (Koch) in Dry Beans (*Phaseolus vulgaris* L.) Combining Rate and Heat Summation Models for Digital Decisions Support. *Agriculture* 2023, 13, 756. <https://doi.org/10.3390/agriculture13040756>
 4. Tokatlidis I., Vrochidis I., Sistanis I., Pankou I.C., Sinapidou E., Papathanasiou F. and D.N. Vlachostergios (2023). Testing validity of CV for single-plant yield in the absence of competition as homeostasis index. *Agronomy* 2023, 13, 176. <https://doi.org/10.3390/agronomy13010176>
 5. Bosmali I., Giannenas I., Christophoridou S., Ganos C., Papadopoulos A., Papathanasiou F., Kolonas A., Gortzi O. (2023). Microclimate and genotype impact on nutritional and antinutritional quality of locally adapted landraces of common bean (*Phaseolus vulgaris* L.). *Foods* 2023,12.1119 <https://doi.org/10.3390/foods12061119>
 6. Damos P., Papathanasiou F., Tsikos E., Kyriakidis T. and Louta M. (2022). Bayesian Non-Parametric Thermal Thresholds for *Helicoverpa armigera* and Their Integration into a Digital Plant Protection System. *Agronomy* 2022, 12, 2474. <https://doi.org/10.3390/agronomy12102474>
 7. Papathanasiou F., Ninou E., Baxevanos D., Papadopoulou F., Avdikos I., Mylonas I., Sistanis I., Koskosidis A., Vlachostergios D.N., Tigka E. and Kargiotidou A. (2022). Physiological and agronomic performance of dry bean (*Phaseolus vulgaris* L.) genotypes under water deficit. *Plants*, 11(18), 2432; <https://doi.org/10.3390/plants11182432>
 8. Pankou C., Koulymboudi L., Gekas F., Papadopoulos I., Papathanasiou F., Sinapidou E., and I. Tokatlidis (2022). Testing Taylor's Power Law association of maize interplant variation with mean grain yield. *Journal of Integrative Agriculture*. <https://doi.org/10.1016/j.jia.2022.08.103>
 9. Ninou E., Mylonas I., Karagianni I., Michailidou S., Tsivelikas A., Sistanis I., Avdikos E., Korpetis E. and Papathanasiou F. (2022). Utilization of Intra-Cultivar Variation for Grain Yield and Protein Content within Durum Wheat Cultivars. *Agriculture* 2022, 12, 661. <https://doi.org/10.3390/agriculture12050661>
 10. Papathanasiou F., Mylonas I., Avdikos I., Petidou O., Ninou E., Papadopoulou F., and Papadopoulos I. (2022). Selection at ultra-low density of second generation lines of bean cultivars under water stress. *Agrofor International Journal* 7(1) pp. 98-105. DOI:10.7251/AGRENG2201098P
 11. Papathanasiou F., Tzotzi A., Koutseri I., Malakou M., Parisi T., Papadopoulos, I. (2021). The effect of direct use of lakeside biomass as soil amendment on the productivity of dry bean crop. *Agriculture and Forestry*, 67(4), 7-14.
 12. Papathanasiou F., Zaralis K., Koutseri I., Malakou M., Papadopoulos A., Pliantza A., Aggelaki M., Karetsa V., Papadopoulos, I. (2021). Nutritive value of riparian common reed biomass for ruminants. *Agrofor International Journal*, 6(2) pp. 98-105. DOI:10.7251/AGRENG2102098P

13. Ninou E, Cook CM, Papathanasiou F, Aschonitis V, Avdikos I, Tsivelikas AL, Stefanou S, Ralli P, Mylonas I. (2021). Nitrogen Effects on the Essential Oil and Biomass Production of Field Grown Greek Oregano (*Origanum vulgare* subsp. *hirtum*) Populations. *Agronomy*. 2021; 11(9):1722. <https://doi.org/10.3390/agronomy11091722>
14. Avdikos ID, Nteve G-M, Apostolopoulou A, Tagiakas R, Mylonas I, Xynias IN, Papathanasiou F, Kalaitzis P, Mavromatis AG. (2021). Analysis of Re-Heterosis for Yield and Fruit Quality in Restructured Hybrids, Generated from Crossings among Tomato Recombinant Lines. *Agronomy* 2021; 11(5):822. <https://doi.org/10.3390/agronomy11050822>
15. 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>
16. 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/ajj2.20187>
17. 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)
18. 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>
19. Kargiotidou A., Papathanasiou F., Baxevanos 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)
20. 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.
21. 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.
22. Vakali, C., Baxevanos, 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.
23. 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.

24. 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. *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>).
25. 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.
26. 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.
27. 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.
28. 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).
29. Tamoutsidis E., Lazaridou M., Papadopoulos I., Spanos T., 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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
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1. Papathanasiou F., Mylonas I., Ninou E., Tsipi A., Kostitsis D., Sistanis I., Pankou C. and Koutis K. (2023). Factors connected with the registration of Sikali Vevis as geographical indication protection (PGI) product. 17th International Conference of the Hellenic Association of Agricultural Economists, 2-3 November 2023, Thessaloniki, Greece.
2. Mylonas I., Papathanasiou F., Ninou E., Sistanis I., Kargiotidou A., Michailidou S., Koutis K. and Tsipi A. (2023). The impact of the improved genetic material to the economic value of Plake Fasoli Prespon PGI product. 17th International Conference of the Hellenic Association of Agricultural Economists, 2-3 November 2023, Thessaloniki, Greece.
3. Mylonas I., Papathanasiou F., Ninou E., Tsipi A., Kargiotidou A., Vasiligianni G. and Koutis K. (2023). Important parameters connected to farmers networking and training that gives added value to Fasoli and Fava Feneou products. 17th International Conference of the Hellenic Association of Agricultural Economists, 2-3 November 2023, Thessaloniki, Greece.
4. Ninou E., Mylonas I., Alexandris C., Chatzivasileiou E., Economou G., Papathanasiou F., Vlachostergios D., Koutis K. and Tsipi A. (2023). Fava Santorinis: brining added value to a Protected Designation of Origin (PDO) product through the secure of the traditional cultivar and farmers networking. 17th International Conference of the Hellenic Association of Agricultural Economists, 2-3 November 2023, Thessaloniki, Greece.
5. Ιακωβίδου Α., Στούρης Δ., Παπαθανασίου Φ. και Καραγιάννης Ε. (2023). Συγκριτική μελέτη της διακοπής του λήθαργου και της εξέλιξης των αναπτυξιακών σταδίων των οφθαλμών τεσσάρων ποικιλιών κερασιάς (*Prunus avium* L.). 31^ο Πανελλήνιο Συνέδριο της Ελληνικής Εταιρίας της Επιστήμης των Οπωροκηπευτικών, Ηράκλειο, 29 Οκτωβρίου-2 Νοεμβρίου 2023, Βιβλίο Περιλήψεων pp.175.
6. Galitsas T., Papathanasiou F., Lazaridou T.B. (2023). Yield and protein content of grain legumes intercropping with cereals in two spatial arrangements. XIV International Agriculture Symposium "AGROSYM 2023" Jahorina, 5-8 October 2023, Bosnia and Herzegovina.
7. Sistanis I., Mylonas I., Ninou E., Lazaridou T., and Papathanasiou F. (2023). Selection of first generation lines within a traditional rye population under ultra-low density. XIV International Agriculture Symposium "AGROSYM 2023" Jahorina, 5-8 October 2023, Bosnia and Herzegovina.
8. Kargiotidou A., Petsoulas C., Pankou C., Vlachostergios D., Berdanis V., Stouris D., Papadopoulos A., and Papathanasiou F. (2023). Breeding runner bean for heat tolerance and high yield. XIV International Agriculture Symposium "AGROSYM 2023" Jahorina, 5-8 October 2023, Bosnia and Herzegovina.
9. Sistanis I., Nitsai N., Kasapidou E., Papadopoulos V., Mylonas I. and Papathanasiou F. (2023). Seed quality characteristics of traditional rye populations. XIV International Agriculture Symposium "AGROSYM 2023" Jahorina, 5-8 October 2023, Bosnia and Herzegovina.
10. Louta M., Papathanasiou F., Papadopoulos C., Kyriakidis T., Banti K., Karampelia I., Theodorou D., Lazaridis V., Pantelakis D., Lappos S., Bagkavou E., Adamidis T., and Ganatsa I. Treated Wastewater in Precision Agriculture: Performance Evaluation of AUGIAS Ecosystem (2023). 12th World Congress on Water Resources and Environment (EWRA 2023), "Managing Water-Energy-Land-Food under Climatic, Environmental and Social Instability", Thessaloniki, Greece, 27 June - 1 July 2023 p.171-172

11. Papathanasiou F., Pankou C., Gekas F., Sistanis I., Papadopoulou F., Sandaltzopoulos R. and Tokatlidis I. (2022). Physiological performance of maize genotypes under different inputs and density conditions. 2nd Global Conference on Agriculture, Berlin, 9-11 December 2022, Germany.
12. Koulymboudi L., Tzantarmas C., Sinapidou E., Papathanasiou F., and Tokatlidis I. (2022). Single-plant selection at nil-competition as a means to develop promising open-pollinated lines. 2nd Global Conference on Agriculture, Berlin, 9-11 December 2022, Germany.
13. Papathanasiou F., Mylonas I., Ninou E., Papadopoulou F., Tallidis A., Michailidis N. and Papadopoulos A. (2022). Evaluation of different inbred lines of bean cultivars under water stress. XIII International Agriculture Symposium "AGROSYM 2022" Jahorina, 6-9 October 2022, Bosnia and Herzegovina.
14. Papathanasiou F., Aggelaki M., Papadopoulos A., Mylonas I., Ninou E. and Papadopoulou F. (2022). Quality characteristics of different inbred lines of bean cultivars under water stress. XIII International Agriculture Symposium "AGROSYM 2022" Jahorina, 6-9 October 2022, Bosnia and Herzegovina.
15. Kargiotidou A., Michas G., Vlachostergios D., Papadopoulos A., Liana A., Berdanis V. and Papathanasiou F. (2022). Selection in the absence of competition of high-yielding inbred lines of runner bean under heat stress. XIII International Agriculture Symposium "AGROSYM 2022" Jahorina, 6-9 October 2022, Bosnia and Herzegovina
16. Ninou E., Georgiou T., Korpetis E., Sperdoulis I., Ralli, P. Aschonitis V., Tsaballa, A., Cook C.M., Irakli M., Papathanasiou F., Katsenios N., Efthymiadou A., Argiriou A., Mylonas I., (2022). Evaluation of commercial durum wheat (*Triticum turgidum* L. var. *durum*) cultivars in different nitrogen fertilization timing. XIII International Agriculture Symposium "AGROSYM 2022" Jahorina, 6-9 October 2022, Bosnia and Herzegovina.
17. Παπαθανασίου Φ., Τσιώλης Κ., Καραμπάσης Π.Μ., Ρεμουντάκης Ε., Τοκατλίδης Ι. (2022). Η Αλληλεπίδραση Γενοτύπου – Περιβάλλοντος σε Πληθυσμό Καλαμποκιού μετά από Μαζική Επιλογή Απουσία Ανταγωνισμού. Πρακτικά 18^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών (Βελτίωση Φυτών: καινοτομίες και προοπτικές για Βιώσιμη Ανάπτυξη) 5-7 Οκτωβρίου 2022, Βόλος.
18. Σιστάνης Ι., Μυλωνάς Ι., Λαζαρίδου Θ., Νίνου Ε., Ξυνιάς Ι., Παπαθανασίου Φ. (2022). Αξιολόγηση της παραλλακτικότητας του παραδοσιακού πληθυσμού σίκαλης Βεύης (*Secale cereale* L.) για αγροκομικά και φυσιολογικά χαρακτηριστικά. Πρακτικά 18^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών (Βελτίωση Φυτών: καινοτομίες και προοπτικές για Βιώσιμη Ανάπτυξη) 5-7 Οκτωβρίου 2022, Βόλος.
19. Ορφανουδάκης Μ., Αλιφραγκή Μ., Σιναπίδου Ε., Πάνκου Χ., Γκέκας Φ., Παπαθανασίου Φ., Τοκατλίδης Ι., (2022). Αλληλεπίδραση γενοτύπων καλαμποκιού με ωφέλιμους μικροοργανισμούς εδάφους απουσία ανταγωνισμού. Πρακτικά 18^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών (Βελτίωση Φυτών: καινοτομίες και προοπτικές για Βιώσιμη Ανάπτυξη) 5-7 Οκτωβρίου 2022, Βόλος.
20. Νίνου Ε., Γεωργίου Θ., Κορπέτης Ε., Σπερδούλη Η., Ράλλη Π., Ασχονίτης Β., Τσαμπάλλα Α., Cook K., Ηρακλή Μ., Παπαθανασίου Φ., Παυλή Ο., Αργυρίου Α., Μυλωνάς Ι. Αξιολόγηση εμπορικών ποικιλιών σκληρού σίτου (*Triticum turgidum* L. var *durum*) σε περιβάλλοντα με διαφοροποιημένη αζωτούχο λίπανση. Πρακτικά 18^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών (Βελτίωση Φυτών: καινοτομίες και προοπτικές για Βιώσιμη Ανάπτυξη) 5-7 Οκτωβρίου 2022, Βόλος.

21. Δάμος Π., Τσίκος Ε., Λούτα Μ., και Φ. Παπαθανασίου (2022). Εφαρμογή ενός γενικού μοντέλου μόλυνσης για την σκωρίαση της φασολιάς *Uromyces* spp. ως μέρος του συστήματος υποστήριξης αποφάσεων φυτοπροστασίας «ΒΕΛΟΣ» στην καλλιέργεια φασολιού (*Phaseolus vulgaris* L.) γραπτή ανακοίνωση στο 20^ο Πανελλήνιο Φυτοπαθολογικό Συνέδριο, 3-6- Οκτωβρίου 2022, Θεσσαλονίκη.
22. Louta M., Pantelakis D., Papathanasiou F., Kyriakidis T., Banti K., Karampelia I., Lappos S., Mragkanou E., Adamidis T., and I. Gkanatsa (2022). Utilizing IoT technologies to reuse treated wastewater for irrigation – A precision agriculture pilot case. 10th International Conference on ICT in Agriculture, Food and Environment, 22-25 September 2022, Athens, Greece, p. 172-177.
23. Louta M., Papathanasiou F., Damos P., Ploskas N., Dasygenis M., Kyriakidis T., Dimokas N., Balafas V., Chatzisavvas A., Karampelia I., Karantoumanis E., Mantas, N. Lazaridis V., Vandikas I., Stergiou S., Angelidis P., and E. Tsikos (2022). Intelligent Pesticide and Irrigation Management in Precision Agriculture: The case of VELOS Project. 10th International Conference on ICT in Agriculture, Food and Environment, 22-25 September 2022, Athens, Greece, p. 91-99.
24. Pankou C., Gekas F., Sistanis I., Papadopoulou F., Papathanasiou F. and Tokatlidis I. (2022). Exploitation of stress tolerance indices for the identification of promising maize genotypes. XXVth EUCARPIA Maize and Sorghum Conference “Current challenges and new methods for maize and sorghum breeding”, Belgrade, Serbia, May 30th- June 2nd 2022.
25. Papathanasiou F., Pankou C., Gekas F., Sistanis I., Sinapidou E., Orfanoudakis M. and Tokatlidis I. (2022). Evaluating maize genotypes under two input regimes after mycorrhizal inoculation. XXVth EUCARPIA Maize and Sorghum Conference “Current challenges and new methods for maize and sorghum breeding”, Belgrade, Serbia, May 30th- June 2nd 2022.
26. Damos, P., Tsikos E., Louta M., and F. Papathanasiou (2021). Towards the Development of a Smart Plant Protection Solution for Improved Pest Management of Dry Beans (*Phaseolus vulgaris* L.) in Northern Greece, in Proceedings of the 1st International Electronic Conference on Entomology, 1–15 July 2021, MDPI: Basel, Switzerland, doi:10.3390/IECE-10568.
27. Αληφραγκή Μ., Ορφανουδάκης Μ., Σιστάνης Ι., Παπαθανασίου Φ., Παπαδόπουλος Ι., Αγγελακούδη Μ., Φουρνομίτη Μ., Βροχίδης Ι., Σιναπίδου Ε., και Ι. Τοκατλίδης (2021). Γενότυπος και στάδιο ανάπτυξης φυτών καλαμποκιού σε συνθήκες έλλειψης ανταγωνισμού επηρεάζουν σημαντικά τη μυκορριζική κοινότητα του εδάφους. Πρακτικά 12^{ου} Πανελληνίου Συνεδρίου της ΕΓΜΕ, 21-22 Οκτωβρίου 2021.
28. Papathanasiou F., Pankou C.I., Sistanis I., Orfanoudakis M., Sinapidou E., Papadopoulos I. and Tokatlidis I. (2021). Evaluation and selection of maize genotypes without competition. XII International Agriculture Symposium "AGROSYM 2021" Jahorina, 7-10 October 2021, Bosnia and Herzegovina.
29. Gekas F., Pankou C.I., Papathanasiou F., Papadopoulou F., Sistanis I., Sinapidou E., and Tokatlidis I. (2021). Grain quality of open-pollinated maize lines and hybrids under drought. XII International Agriculture Symposium "AGROSYM 2021" Jahorina, 7-10 October 2021, Bosnia and Herzegovina.
30. Pankou C.I., Gekas F., Papathanasiou F., Papadopoulou F., Bizi A., Sinapidou E. and Tokatlidis I. (2021). Breeding maize for adaptation at a low input farming system. XII

- International Agriculture Symposium "AGROSYM 2021" Jahorina, 7-10 October 2021, Bosnia and Herzegovina.
31. Pankou C.I., Gekas F., Papathanasiou F., Papadopoulou F., Bizi A., Sinapidou E. and Tokatlidis I. (2021). Breeding maize for adaptation at a low input farming system. XII International Agriculture Symposium "AGROSYM 2021" Jahorina, 7-10 October 2021, Bosnia and Herzegovina.
 32. Sistanis I., Pankou C.I., Gekas F., Papadopoulou F., Papadopoulos I., Tokatlidis I. and Papathanasiou F. (2021). Selecting maize genotypes under two input systems based on physiological traits and seed yield. XII International Agriculture Symposium "AGROSYM 2021" Jahorina, 7-10 October 2021, Bosnia and Herzegovina.
 33. Gekas F., Papathanasiou F., and Tokatlidis I. (2021). Identification of population-neutral maize hybrids using physiological traits. XII International Agriculture Symposium "AGROSYM 2021" Jahorina, 7-10 October 2021, Bosnia and Herzegovina.
 34. Sistanis I., Mylonas I., Ninou E., Ralli P., Lazaridou T., and Papathanasiou F. (2021). Evaluation of Greek rye (*Secale cereale* L.) accessions. XII International Agriculture Symposium "AGROSYM 2021" Jahorina, 7-10 October 2021, Bosnia and Herzegovina.
 35. Pankou C., Koulympoudi L., Papathanasiou F., Gekas F., Papadopoulos I., Sinapidou E., Vryzas Z. and Tokatlidis I. (2021). Testing of validity of CV for yield per plant association with mean grain yield in maize. III. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1-3 September 2021.
 36. Adamidis G., Arampatzis D., Parlakidis P., Alexoudis C., Tokatlidis I., Sinapidou E., Papathanasiou F., Papadopoulos I., and Vryzas Z. (2021). Effect of mycorrhizal fungus on thiamethoxam uptake and translocation on maize and respective residues on guttation. III. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1-3 September 2021.
 37. Vrochidis I., Koulympoudi L., Fournomiti M., Papathanasiou F., Orfanoudakis M., Sinapidou E. and Tokatlidis I. (2021). Seasonal variation recorded in mycorrhizal fungi collected from maize genotypes. III Balkan Agricultural Congress-AGRIBALKAN, Edirne, Turkey, 29 August- September 2021.
 38. 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.
 39. 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 25-30.
 40. 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.
 41. 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.

42. 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.
43. 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.
44. Καργιωτίδου Α., Παπαθανασίου Φ., Μπαξεβάνος Δ., Βλαχοστέργιος Δ.Ν., Στεφάνου Σ., Παπαδόπουλος Ι. (2018). Συγκριτική αξιολόγηση γενοτύπων ξηρού φασολιού ως προς αγροκομικά και ποιοτικά χαρακτηριστικά. Πρακτικά 17^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών (Η συμβολή της γενετικής βελτίωσης των φυτών στην αειφορία και την σύγχρονη οικονομία) 17-19 Οκτωβρίου 2018, Πάτρα.
45. 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.
46. Δόρδας Χ., Φ. Παπαθανασίου, Α. Λιθουργίδης, J.K. Petrevska, Ι. Παπαδόπουλος, Ι. Σιστάνης, Χ. Πάνκου, Φ. Γκέκας, Ε. Νίνου, Ι. Μυλωνάς, Κ. Τζανταρμάς, Α. Καργιωτίδου, Ι. Τοκατλίδης (2016). Επίδραση της πυκνότητας σποράς στη χρήση φυσιολογικών παραμέτρων ως κριτήρια επιλογής για αντοχή στην ξηρασία καθαρών σειρών και υβριδίων. Βιβλίο περιλήψεων 16^{ου} Πανελληνίου Συνεδρίου Ελληνικής Επιστημονικής Εταιρείας Γενετικής Βελτίωσης Φυτών (Η συμβολή της βελτίωσης των φυτών στην έξοδο από την οικονομική κρίση) 28-30 Σεπτεμβρίου 2016, Φλώρινα, σελ. 69.
47. 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.
48. 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.
49. 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>
50. 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>

51. Gekas F., Pankou C., Mylonas I., Ninou E., Lithourgidis A., Tzantarmas C., Sinapidou E., Papathanasiou F., Papadopoulou F., Zouliamis P., Tokatlidis I. and Dordas C. (2014). The use of physiological attributes for the evaluation of pure lines and hybrids of corn in different irrigation regimes. Book of Abstracts of the 15th Conference of the Hellenic Scientific Society for Genetics and Plant Breeding. Larisa, Greece, 15-17 October 2014 p. 81.
52. Gaintatzi C., Papathanasiou F., Sandaltzopoulos R., Tzantarmas C., Pankou C., Gekas F., Mylonas I., Kargiotidou A., Pehlivanidou E., Sistanis I., Petrevska J.K., Ninou E., Papadopoulos I., Lithourgidis A., Dordas, C. and Tokatlidis I. (2014). Plant yield efficiency is essential for maize hybrids to cope with drought. Book of Abstracts of the AgriBalkan-Balkan Agricultural Congress, Edirne, Turkey, 8-11 September 2014, pp 421.
53. Papathanasiou F., Barbayiorgis A., Papadopoulou V., Kareklas E., Galaitis D., Papadopoulou F., Tamoutsidis E. and I. Papadopoulos (2014). Physiological performance and yield of dry bean (*Phaseolus vulgaris* L.) genotypes under water deficit. Book of Abstracts of the AgriBalkan-Balkan Agricultural Congress, Edirne, Turkey, 8-11 September 2014, pp 398.
54. Gekas F., Pankou C., Mylonas I., Ninou E., Sinapidou E., Lithourgidis A., Papathanasiou F., Papadopoulos I., Zouliamis P., Tokatlidis I. and Dordas C. (2014). Single plant evaluation of maize inbred lines under different water regimes. Book of Abstracts of the Symposium: A resilient agriculture serving sustainability in a fluctuating environment, Orestiada, Greece, 2-3 June 2014 pp 38-39.
55. Tokamani M., Karapetsas A., Sinapidou E., Dordas C., Papathanasiou F., Tokatlidis I. and R. Sandaltzopoulos (2014). Genes correlating with increased adaptability of maize to drought tolerance. Book of Abstracts of the Symposium: A resilient agriculture serving sustainability in a fluctuating environment, Orestiada, Greece, 2-3 June 2014 pp 36-37.
56. Tokamani M., Karapetsas A., Sinapidou E., Dordas C., Papathanasiou F., Tokatlidis I. and R. Sandaltzopoulos (2014). The overexpression of kinase *Zmptile* correlates with the increased adaptability of maize in drought stress. Proceedings of the 36th Annual Conference of the Hellenic Society for Biological Sciences, Ioannina, Greece, 8-10 May 2014, pp. 350-351.
57. Dordas C., Ninou E., Gekas F., Pankou C., Mylonas I., Sinapidou E., Lithourgidis A., Papathanasiou F., Petrevska J.K., Papadopoulos I., Zouliamis P., Tsaprounis G. and Tokatlidis I. (2014). Evaluation of physiological and agronomic characteristics as breeding tools for drought tolerance of maize. Book of Abstracts of the Conference: Genetic Resources for Food and Agriculture in a Changing Climate, 26-28 January 2014 Lillehammer, Norway pp. 58-59.
58. Sandaltzopoulos R., Tokamani M., Karapetsas A., Sinapidou E., Dordas C., Papathanasiou F., and Tokatlidis I. (2014). Pti1a overexpression correlates with increased adaptability of maize in drought tolerance. Book of Abstracts of the Conference: Genetic Resources for Food and Agriculture in a Changing Climate, 26-28 January 2014 Lillehammer, Norway pp.69-70.
59. Gekas F., Mylonas I., Ninou E., Pankou C., Lithourgidis A., Petrevska J.K., Papadopoulou F., Zouliamis P., Tsaprounis G., Papathanasiou F., Tokatlidis I. and Dordas C. (2013). The use of relative water content and leaf water potential for the selection of maize inbred lines under drought stress. Book of Abstracts of the International Plant Breeding Congress, 10-14 November 2013, Antalya, Turkey p. 335.
60. Pankou C., Gekas F., Mylonas I., Ninou E., Lithourgidis A., Petrevska J.K., Papadopoulou F., Zouliamis P., Tsaprounis G., Papathanasiou F., Tokatlidis I. and Dordas C. (2013). Evaluation

- of selection criteria for assessing drought stress tolerance of thirty maize inbred lines. Book of Abstracts of the International Plant Breeding Congress, 10-14 November 2013, Antalya, Turkey p. 388.
61. Gaintatzi C., Pankou C., Gekas F., Mylonas I., Tzantarmas C., Kargiotidou A., Pehlivanidou E., Ninou E., Papadopoulos I., Tsapournis G., Zouliamis P., Papathanasiou F., Dordas, C. and Tokatlidis I. (2013). Space-planted rather than densely seeded condition predicts better crop yield of genetically homogeneous maize lines. Book of Abstracts of the International Plant Breeding Congress, 10-14 November 2013, Antalya, Turkey p. 176.
 62. Tzantarmas C.A., Papathanasiou F., Mylonas I., Pankou Ch., Tsaprounis G., Lithourgidis A. and Tokatlidis I. (2013). Ultra-spaced maize inbreds: correlation versus dense stand for yield performance. Book of Abstracts of the 2nd Cereals Biotechnology and Breeding Conference, 5-7 November 2013, Budapest, Hungary pp. 48-49.
 63. Ninou E., Mylonas I., Gekas F., Pankou C., Lithourgidis A., Papathanasiou F., Petrevska J.K., Papadopoulos I., Zouliamis P., Tsaprounis G., Tokatlidis I. and Dordas C., (2013). Evaluation of maize inbred lines for tolerance to drought using physiological characteristics. Book of Abstracts of the 2nd Cereals Biotechnology and Breeding Conference, 5-7 November 2013, Budapest, Hungary p. 53.
 64. Papadopoulos I., Papathanasiou, F., Vlahostergios D. and Tamoutsidis E. (2013). Evaluation of quality characteristics and productivity of common bean cultivars (*Phaseolus vulgaris* L.) under low input environment for parallel production of fresh pods and dry seeds (2013). Book of Abstracts, 26th National conference of the Greek Horticultural Society, Kalamata, Greece 15-18 October 2013, pp.200.
 65. Papathanasiou, F., Papadopoulos I., Tsakiris I., and Tamoutsidis, E. (2011). The effect of vermicompost on the productivity and quality of lettuce (*Lactuca sativa* L.). Book of Abstracts, 25th National conference of the Greek Horticultural Society, Lemesos, Cyprus, pp183.
 66. Papadopoulos I., Papathanasiou, F., Vakali, C., Kazoglou, I., and Tamoutsidis, E. (2010). Local landraces of dry beans (*Phaseolus vulgaris* L.): a valuable resource for organic production in Greece. 28th International Horticultural Congress, ISHS, Lisbon Portugal, 22-27 August 2010, Symposium on Organic Horticulture, Abstracts volume II, p. 635.
 67. 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 Scientific Publication: Ecology and Safety, 4(1), 268-277.
 68. Ioannis N. Tsakiris, Charalampos Favas, Tsatsakis Aristidis, Alegakis Athanasios, Paraskeui Mitliagka, Fokion Papathanasiou, Niklis Nikolaos (2010). Frequency and Severity Estimation of Pesticide Residues from Organically Cultivated Olives and Olive tree leaves in Greece, During 2008, XII International Congress of Toxicology. Barcelona, Spain 19-23 July 2010, p90, P309-029.
 69. Vacali C., Papathanasiou F., Papadopoulos I. and Tamoutsidis E. (2009). Preliminary results on a comparative study evaluating landraces of common bean (*Phaseolus vulgaris* L.) under organic agriculture in a protected area in Greece. In the Proceedings of the 2nd Scientific Conference within the framework of the 9th European Summer Academy on Organic Farming, Lednice na Moravě, June 24 – 26, Czech Republic, p. 22-26.

70. Petrevska J.K., Heng, L. and Papathanasiou, F. (2002). Nitrogen uptake by lettuce (*Lactuca Sativa* L.) cultivated as a glasshouse pot crop. In Proceedings of the 1th Symposium in Horticulture for Southeast Europe, Ohrid, FYROM, 14-19.
71. Petrevska J.K., Heng, L., Papathanasiou, F. and Cukaliev O. (2002). Determining appropriate watering regime for glasshouse lettuce (*Lactuca Sativa* L.) grown in pots. In Proceedings of the 1th Symposium in Horticulture for Southeast Europe, Ohrid, FYROM, 78-83.
72. Giannopoulos G., McCracken A.R. and Papathanasiou, F. (2002). Microbial interactions in NFT growing tomatoes. In Proceedings of the 1th Symposium in Horticulture for Southeast Europe, Ohrid, FYROM, 511-516.
73. Papathanasiou, F., Mitchell, S.H and Harvey, B.M.R. (2002). Glycoalkaloid levels in small potato tubers. In Proceedings of the 1th Symposium in Horticulture for Southeast Europe, Ohrid, FYROM, 614-619.
74. Papathanasiou, F., Mitchell, S.H and Harvey, B.M.R. (2000). Glycoalkaloid accumulation in potato (*Solanum tuberosum* L.): Developmental and Environmental effects. In Abstracts of the 2nd Balkan Symposium on Vegetables and Potatoes, Thessaloniki, Greece, p 38.
75. Papathanasiou, F., Mitchell, S.H and Harvey, B.M.R. (1999). Glycoalkaloid levels in tubers of early cultivars sold in consumer markets. In Abstracts of the 14th Triennial Conference of the European Association for Potato Research, Sorrento, Italy, 632-633.
76. Papathanasiou, F., Harvey, B.M.R. and Mitchell, S.H. (1997). Developmental and environmental effects on glycoalkaloid accumulation in potato tubers. In Abstracts of the Joint Agronomy-Utilization Conference of the European Association for Potato Research, Halmstad, Sweden, 21-22.
77. Papathanasiou, F., Harvey, B.M.R. and Mitchell, S.H. (1996). Glycoalkaloid content of potato tubers during development. In: Abstracts of The Irish Botanists Meeting, Trinity College Dublin, p 18.
78. Papathanasiou, F., Harvey, B.M.R. and Mitchell, S.H. (1996). Glycoalkaloids in potato tubers. In Abstracts of a Symposium on Antinutritional Substances in Foods and Feed, The Rank Prize Funds, Grasmere, Cumbria, p 11.
79. Papathanasiou, F., Harvey, B.M.R. and Mitchell, S.H. (1996). Effects of some environmental factors on glycoalkaloid content in potato. In Proceedings of the 13th Triennial Conference of the European Association for Potato Research, Veldhoven, The Netherlands, 541-542.
80. Papathanasiou, F., Harvey, B.M.R. and Mitchell, S.H. (1995). Potato glycoalkaloids. In Abstracts of the Irish Botanists Meeting, Maynooth College, p 65.
81. Papathanasiou, F., Harvey, B.M.R. and Selby C. (1994). Loss of soluble iron from plant tissue culture medium exposed to light and the subsequent effect on potato plantlet growth. In: Abstracts of The Irish Botanists Meeting, Coleraine University, p 26.
82. Papathanasiou, F., Harvey, B.M.R. and Selby, C. (1994). Photodegradation of FeEDTA in plant tissue culture media: effects on plantlet growth. Proceedings of the 9th Congress of the Federation of European Societies of Plant Physiology in Czech Republic, *Biologia Plantarum*, 36 supplement, p 89.
83. Papathanasiou, F., Selby C and Harvey, B.M.R. (1993). Loss of soluble iron from plant tissue culture medium exposed to light. In: Abstracts of The Irish Botanists Meeting, University College of Cork, p 67.

84. Papathanasiou, F. and Harvey, B.M.R. (1992). Effect of explant stem length on potato (*Solanum tuberosum* L.) microtuber formation *in vitro*. Meeting of the Society for Experimental Biology and British Society for Plant Growth Regulation, Lancaster, p 9.
85. Papathanasiou, F. and Harvey, B.M.R. (1992). Effect of explant stem length on potato microtuber formation *in vitro*. In Abstracts of the Irish Botanists Meeting, The Queen's University, Belfast, p 49.

Current citations

Currently receiving over 465 citations in international scientific publications (Scopus and Google Scholar results).