



**UNIVERSITY OF
WESTERN MACEDONIA**

**CURRICULUM VITAE
AND
ACADEMIC RECORD**

FOKION PAPATHANASIOU

Professor

Department of Agriculture

School of Agricultural Sciences

University of Western Macedonia

DECEMBER 2024



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 12 European funded Educational Programs and in 1 INTERREG project (AGROMETEOROLOGY). Until now I have published over 136 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.

In January 2024, I was awarded the award for excellent university teaching by the University of Western Macedonia for the academic year 2022-2023.

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

In 2022, I was honored by the Research Committee of the University of Western Macedonia for my contribution to attracting research programs to our University and the Department of Agriculture.

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 31-3-2025.**

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
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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

As Vice President of the Research Committee of the University of Western Macedonia, I am Scientific Coordinator in 14 administrative and financial support programs of the Research Committee of the University.

1. Coordinator of the project "**Establishment of an experimental-educational vineyard in the experimental field of the Department of Agriculture of the University of Western Macedonia**" funded by the donation of the company Ktima Kir-Yiannis. **Duration from 11-9-2024 until 31-12-2025.**
2. 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.**
3. 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.**
4. 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.**
5. 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.**
6. 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.**
7. 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.**
8. 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.**
9. 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.**

10. 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.**
11. 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.**
12. 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. (2024). Assessment of Durum Wheat Cultivars Adaptability in Mediterranean Environments through GxE Interaction Analysis. *Agronomy* 2024, 14, 102. <https://doi.org/10.3390/agronomy14010102>
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., Parisis 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/AgriForest.65.4.03](https://doi.org/10.17707/AgriForest.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., Papadopoulos 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. Ninou E, Papathanasiou F, Sistanis I, Kargiotidou A, Michailidou S, Koutis K, Tsipti A, Mylonas I. The Impact of the Improved Genetic Material to the Economic Value of Plake Fasoli Prespon PGI Product. Proceedings. 2024; 94(1):52. <https://doi.org/10.3390/proceedings2024094052>
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