

CURUCULUM VITAE



Personal Data

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ACADEMIC QUALIFICATIONS

1. **Degree in Chemistry**. Dept. of Chemistry, **Aristotle** University of Thessaloniki, Greece.
2. **PhD in Organic Chemistry**, Dept. of Chemistry, **Aristotle** University of Thessaloniki, Greece.
3. **Visiting Scholar**, Plant Pathology Dept., University of California, Berkeley, USA
4. **Visiting Professor**, Plant Pathology Dept., University of California, Berkeley, USA

WORK EXPERIENCE

Present position (2009-....): Faculty member, Professor of Pesticide Chemistry, Pesticide Science Laboratory, Plant Protection Dep., School of Agriculture, Aristotle University of Thessaloniki, Greece
Since March 2019... President, Interdisciplinary Agri-Food Center» (Agri-Food Center), Aristotle University of Thessaloniki. (www.keagro.gr).
2017-2019 Director Plant Protection Dep., Faculty of Agriculture, Aristotle University of Thessaloniki, Greece,
Since Sept 2015... Director of Pesticide Science Laboratory, Plant Protection Department, Faculty of Agriculture, Aristotle University of Thessaloniki, Greece, <http://www.agro.auth.gr/departments/laboratories/pesticide-science-laboratory>

2001-2009:	Associate Professor of Pesticide Chemistry, Pesticide Science Laboratory, Plant Protection Division, Faculty of Agriculture, Aristotle University of Thessaloniki, Greece
1990-2001:	Associate Professor of Pesticide Chemistry, Pesticide Science Laboratory, Plant Protection Division, Faculty of Agriculture, Aristotle University of Thessaloniki, Greece
1986-1990:	Lecturer, of Pesticide Chemistry, Pesticide Science Laboratory, Plant Protection Division, Faculty of Agriculture Aristotle University of Thessaloniki, Greece
1982-1986:	Teaching/Research Assistant, Plant Protection Division, Dept. of Agriculture, Aristotle University of Thessaloniki, Greece
1976-1982	Teaching/Research Assistant, Laboratory of Agricultural Chemistry, Dept. of Agriculture, Aristotle University of Thessaloniki

MEMBERSHIP IN PROFESSIONAL SCIENTIFIC SOCIETIES

- **Hellenic Chemical Association**
- **Hellenic Phytopathological Society**
- **American Chemical Society (ACS)**
- **Agrochemical Division of ACS**
- **Agricultural and Food Chemistry Division of ACS**
- **Association of Official Analytical Chemists**
- **MEDITERRANEAN GROUP OF PESTICIDE RESEARCH (MGPR)- Greek representative**

ACADEMIC ACTIVITIES

Teaching in:

1. 'Pesticides: Formulation-Chemical Analysis and Quality Control-Safe and Effective Use' (undergraduate course, 1988.....).
2. 'Pesticides: Laboratory course (undergraduate course, 1988.....).
3. Ecology and environmental effects of pesticides (postgraduate course, 1996.....) in the MSc programs of 'Plant Protection Sciences' of the School of Agriculture of the University of Thessaloniki.
4. "Techniques of instrumental analysis of pesticides" (postgraduate course, 1996.....) in the MSc programs of 'Plant Protection Sciences' of the School of Agriculture of the University of Thessaloniki.
5. Invited speaker on "Gas-Liquid Chromatography in Residue Analysis" in a Training Course for "Pesticides Residues in Agricultural Products – Analysis and Regulations", organised by Mediterranean Agronomic Institute of Chania (M.A.I.C.) και το National Institute of Agricultural Research of Tunisia (INAT) (Tunisia 27-30 March, 1997).

Supervising in:

4 PhD theses, 18 MSc and BSc theses (high number) .

RESEARCH INTERESTS

Current scientific interests focus on

- isolation, characterization and identification of bioactive compounds from natural (botanical) products and study for use in crop protection (bacteria, nematodes, fungi, and insects control), Biopesticides,
- development and validation of analytical methods for residue analysis of pesticides and other contaminants in agricultural and environmental samples,
- dissipation studies of pesticides in agricultural commodities
- environmental fate and behavior of pesticides with laboratory and field studies (adsorption, leaching, persistence, and effects of pesticides on the function of soil microbial communities)

RESEARCH FUNDING (current, since 2014...)

Coordinator or partner in several projects funded by various bodies:

- INTERactions of Veterinary antibiotics with soil microorganisms: exploiting microbial degradation to avert Environmental contamination and ResisTance dispersal "INVERT" 2η Προκήρυξη Ερευνητικών έργων ΕΛ.ΙΔ.Ε.Κ για την ενίσχυση Μεταδιδακτορικών Ερευνητών/τριών. Funding: General Secretariat of Research & Technology, Duration 2020-2022.
- "Organic Vs Conventional vineyard growing systems: Exploring the population structure of Black Aspergilli species in relation to grape berries microbiome and mycotoxigenic risk" (MIS 5047881)." Financed by European Social Fund- ESF, through the Operational Program «Human Resources Development, Education and Lifelong Learning 2014-2020, Duration 2019-2021, Co- Coordinator
- "The Vineyard Roads" (project code: 2018ΣΕ01300000) part of the "Emblematic Research Action of National Scope for the exploitation of new technologies in the Agri-food sector, specializing in genomic technologies and pilot application in the value chains of "olive", "grapevine", "honey "and "livestock")» financed by Greek national funds through the Public Investments Program (PIP) of General Secretariat for Research & Technology (GSRT). Duration 2019-2021.
- ELIDEK: Looking up for Novel nITRification Inhibitors: New stories with old Compounds. Funding: General Secretariat of Research & Technology, Duration 2018-2021.
- METROFOOD-RI (METROFOOD-PP) INFRASTRUCTURE FOR PROMOTING METROLOGY IN FOOD AND NUTRITION. www.metrofood.eu - www.esfri.eu. Funding: EU H2020 INFRADEV-02-2019 CSA METROFOOD-PP project (GA 871083), Preparative phase of METROFOOD-RI (METROFOOD-PP). Duration 2019-2022.
- Research Infrastructure project, Research infrastructure for the enhancement of innovation and the production of high quality products with reduced environmental footprint along the whole agri-food chain. Funding: Region of Central Macedonia, Duration 2018-2019, Coordinator.
- EREYNO- DHMIOURGO-KAINOTOMO call, Optimization of the production of propagative material of vegetable crops and plant protection management in the greenhouses with biological and biotechnological methods Funding: General Secretariat of Research & Technology, Duration 2018-2021, Co- Coordinator.

- Contest for Business Plan for Research and Innovation, 2016: *Inorganic nanoparticles as plant protection products*. Funding: K+N Efthymiadis S.A. Agrochemical Company (1st price in the Contest) Coordinator
- EXCELLENCE II, *Essential-oil mediated plant-microbe interactions in the Mediterranean environment: in search of a role and novel applications* (ESEPIMENT), Funding: General Secretariat of Research and Technology, Greece, Duration 2014-2015

OTHER ACTIVITIES

- **Official member** of the Council for Authorization of Plant Protection Products (Greek Ministry of Agriculture (1999-2007, 2007-....)).
- **Regular reviewer** of the international scientific journals: *Journal of Agricultural and Food Chemistry, Chemosphere, Pest Management Science, Journal of AOAC International, Environmental Toxicology, International Journal of Environmental and Analytical Chemistry, Chromatographia, J Chromatography, J. of Environmental Science Health, Part B, Molecules, Plants*.
- Collaboration with the Official Laboratory of Greek Ministry of Agriculture for pesticide residues control of fruit and vegetables. Highest knowledge and experience on the EU legislation on pesticides.

PUBLICATIONS

Total Publications: 79, Total Citations > 1450 (excluding self-citations), h-index: 27 (SCOPUS)

1. **Menkissoglu–Spyroudi O.** and Varvoglis A. (1986) “On the Chemistry of [bis(aroxy-acetoxy)]iodobenzenes”. *J.Chem. Soc., Perkin I*, 795-798.
<https://pubs.rsc.org/en/content/articlelanding/1986/p1/p19860000795/unauth#!divAbstract>
2. Andersen G.L., **Menkissoglu O.** and Lindow S.E. (1991) “Occurrence and Properties of Copper-Tolerant Strains of *Pseudomonas syringae* isolated from Fruit Trees in California”, *Phytopathology* 81: 648-656.
http://www.apsnet.org/publications/phytopathology/backissues/Documents/1991Abstracts/Phyto81_648.htm
3. **Menkissoglu O.** and Lindow S.E. (1991) “Relationship of Free Ionic Copper and Toxicity to Bacteria in Solutions of Organic Compounds”, *Phytopathology* 81: 1258-1263.
http://www.apsnet.org/publications/phytopathology/backissues/Documents/1991Articles/Phyto81n10_1258.pdf
4. **Menkissoglu O.** and Lindow S.E. (1991) “Chemical forms of Copper on Leaves in Relation to the Bactericidal Activity of Cupric Hydroxide Deposits on Plants”, *Phytopathology* 81: 1263-1270.
http://www.apsnet.org/publications/phytopathology/backissues/Documents/1991Articles/Phyto81n10_1263.pdf

5. Constantinidou H.A., **Menkissoglu O.** and Stergiadou, H.C. (1991) "The role of ice nucleation active bacteria in supercooling of citrus tissues". *Physiologia Plantarum* 81: 548-554.
<http://onlinelibrary.wiley.com/doi/10.1111/j.1399-3054.1991.tb05098.x/pdf>
6. Constantinidou H.A. and **Menkissoglu O.** (1992) "Characteristics and importance of heterogenous ice nuclei associated with citrus fruits". *J Exper Bot* 43: 585-591. <http://jxb.oxfordjournals.org/content/43/4/585>
7. Khalfallah S., **Menkissoglu-Spiroudi U.**, and Constantinidou H.A. (1998) "Dissipation study of the fungicide Tetraconazole on greenhouse-sprayed cucumbers". *J. Agric. Food Chem.*, 46: 1614-1617.
<https://doi.org/10.1021/jf9706540>
8. **Menkissoglu-Spiroudi U.**, Xanthopoulou N.J. and Ioannidis P.I. (1998) "Dissipation of the Fungicide Tetraconazole from Field-Sprayed Sugar Beets". *J. Agric. and Food Chem.* 46: 5342-5346. DOI: 10.1021/jf980370v
<https://pubs.acs.org/doi/abs/10.1021/jf980370v?journalCode=jafcau>
9. **Menkissoglu-Spiroudi U.**, Diamantidis G.C., Georgiou V.E. and Thrasylvoulou A.T. (2000) "Determination of Malathion, Coumaphos and Fluvalinate Residues in Honey by Gas Chromatography with Nitrogen-Phosphorus or Electron Capture Detectors". *J. AOAC, INTERNATIONAL*, 83: 178-182.
<http://www.ncbi.nlm.nih.gov/pubmed/10693018>
10. Karamanoli K., Vokou D., **Menkissoglu-Spiroudi U.** and Constantinidou H.I. (2000) "Bacterial colonization of the phyllosphere of Mediterranean aromatic plants". *J. Chem. Ecol*, 26: 2035-2048.
<https://link.springer.com/article/10.1023/A:1005556013314>
11. Tsigouri A., **Menkissoglu-Spiroudi U.**, Thrasylvoulou A.T. and Diamantidis G.C. (2000) "Determination of fluvalinate residues in beeswax by Gas Chromatography with Electron Capture Detector". *J. AOAC INTERNATIONAL* 83: 1225-1228. <http://www.ncbi.nlm.nih.gov/pubmed/11048864>
12. Tsigouri A.D., **Menkissoglu-Spiroudi U.** and Thrasylvoulou A.T. (2001) "Study of tau-fluvalinate persistence in honey" *Pest. Manag. Sci.*, 57: 467- 471. <http://onlinelibrary.wiley.com/doi/10.1002/ps.303>
13. **Menkissoglu-Spiroudi U.**, Tsigouri A., Diamantidis, G.C., and Thrasylvoulou A.T. (2001) "Residues in honey and beeswax caused by beekeeping products" *Fres. Environ. Bulletin*, 10 (5): 445-450.
https://www.researchgate.net/publication/288672575_Residues_in_honey_and_beeswax_caused_by_bee_keeping_treatments
14. **Menkissoglu-Spiroudi U.**, Karamanoli K., Spyroudis S. and Constantinidou, H.I.A. (2001) "Hypervalent Iodine Compounds as Potent Antibacterial Agents against INA *Pseudomonas syringae*". *J. Agric. Food Chem.*, 49: 3746-3751 <http://pubs.acs.org/doi/abs/10.1021/jf010293v>
15. Tsigouri A.D., **Menkissoglu-Spiroudi U.**, Thrasylvoulou A.T. and Diamantidis G.C. (2003) "Fluvalinate Residues in Greek Honey and Beeswax" *APIACTA*, 38, 50-53.
https://www.researchgate.net/publication/236051062_FLUVALINATE_RESIDUES_IN_GREEK_HONEY_AND_BEESWAX#fullTextFileContent
16. Karaoglanidis G. S., **Menkissoglu-Spiroudi U.** and Thanassouloupoulos C. C. (2003) "Sterol Composition of DMI-Resistant and -Sensitive Field Isolates of *Cercospora beticola*". *J. Phytopathology* 151: 431-435.
<http://onlinelibrary.wiley.com/doi/10.1046/j>
17. **Menkissoglu-Spiroudi U.** and Fotopoulou A. (2004) "Matrix effect in Gas Chromatographic determination of insecticides and fungicides in vegetables" *Intern. J. Environ. Anal. Chem.*, 84: 15-27.
<http://www.informaworld.com/smpp/content~db=all?content=10.1080/03067310310001593684>

18. Papachristos D. P., Karamanoli K. I., Stamopoulos D. C. and **Menkissoglu-Spirodi U. (2004)** “The relationship between the chemical composition of three essential oils and their insecticidal activity against *Acanthoscelides obtectus* (Say)”. *Pest Manag Sci*, 60: 514–520.
<http://onlinelibrary.wiley.com/doi/10.1002/ps.798>
19. Tsigouri A.D., **Menkissoglu-Spirodi U.**, Thrasylvoulou A.T. and Diamantidis G.C. (2004) “Fluvalinate Residues in Honey and Beeswax after Different Colony Treatments”. *Bull. Environ. Contam. Toxicol.*, 72: 975–982. <http://www.springerlink.com/content/nddtlep4ufphw1dr/>
20. Karpouzas D.G., Karanasios E. and **Menkissoglu-Spirodi U. (2004)** “Enhanced microbial degradation of cadusafos in soils from potato monoculture : demonstration and characterization” *Chemosphere*, 56: 549–559. <https://www.sciencedirect.com/science/article/pii/S0045653504002875>
21. Karpouzas D.G., Karanasios E., Giannakou I.O., Georgiadou A .and **Menkissoglu-Spirodi U. (2005)** “The effect of soil fumigants methyl bromide and metham sodium on the microbial degradation of the nematicide Cadusafos”. *Soil Biology & Biochemistry*, 37: 541–550.
<https://www.sciencedirect.com/science/article/pii/S0038071704003232>
22. Karamanoli K., **Menkissoglu-Spirodi U.**, Bosabalidis A. M., Vokou D. and Constantinidou H.I. A. (2005) “Bacterial colonization of the phyllosphere of nineteen plant species and antimicrobial activity of their leaf secondary metabolites against leaf associated bacteria”. *Chemoecology*, 15: 59–67.
<http://www.springerlink.com/content/u5437l506198t277/>
23. Karpouzas D.G., Fotopoulou A., **Menkissoglu-Spirodi U.** and Singh B.K. (2005) “Non-specific biodegradation of the organophosphorus pesticides, cadusaphos and ethoprophos, by two bacterial isolates”. *FEMS Microbiology Ecology*, 53: 369-378.
<http://onlinelibrary.wiley.com/doi/10.1016/j.femsec.2005.01.012/abstract>
24. Pantelelis I., Karpouzas D.G., **Menkissoglu-Spirodi U.** and Tsiropoulos N. (2006) “Influence of Soil Physicochemical and Biological Properties on the Degradation and Adsorption of the Nematicide Fosthiazate” *J. Agric. Food Chem.*, 54: 6783-6789. <http://pubs.acs.org/doi/abs/10.1021/jf061098p>
25. Karpouzas D.G, Pantelelis I., **Menkissoglu-Spirodi U.**, Golia E. and Tsiropoulos N. (2007) “Leaching of the organophosphorus nematicide fosthiazate” *Chemosphere*, 68:1359–1364.
<http://www.sciencedirect.com/science doi:10.1016/j.chemosphere.2007.01.023>
26. Dolaptoglou C., Karpouzas D. G., **Menkissoglu-Spirodi U.**, Eleftherohorinos I. and Voudrias E. A. (2007) “Influence of different organic amendments on the degradation, metabolism and adsorption of terbuthylazine”. *J. Environ. Qual.* 36: 1793-1802.
<https://www.agronomy.org/publications/jeq/abstracts/36/6/1793>
27. Karazafiris E., Tananaki C., **Menkissoglu-Spirodi U.**, Thrasylvoulou A. (2008) “Residue distribution of the acaricide coumaphos in honey following application of a new slow-release formulation” *Pest Manag. Sci.*, 63: 165-171.
<http://onlinelibrary.wiley.com/doi/10.1002/ps.1493/abstract;jsessionid=769ECA645080DA9BF7BFA0D5EB70F981.d01t01>
28. Kalopesa E., Nikolaidis G., **Menkissoglu-Spirodi U. (2008)** “Atrazine Effects on Growth of the Diatom *Rhizosolenia Setigera* (Ehrenberg) BRIGHTWELL” *Fres. Environ. Bulletin*, 17, No. 11b.
<https://www.tib.eu/en/search/id/BLSE:RN241510840/ATRAZINE-EFFECTS-ON-GROWTH-OF-THE-DIATOM-Rhizosolenia?noCHash=97c5ea3b1d6757dc3aba94a6327ce152>
29. Dolaptoglou C., Karpouzas D. G., **Menkissoglu-Spirodi U.**, Eleftherohorinos I., Voudrias E. A. (2009) “Influence of different organic amendments on the leaching and dissipation of terbuthylazine in a column

and a field study". J. Environ. Qual., 38:782–791.

<https://www.agronomy.org/publications/jeq/abstracts/38/2/782>

30. Karazafiris E., **Menkissoglu-Spirodi U.**, Thrasylvoulou A. (2008) "New multiresidue method using solid-phase extraction and gas chromatography–micro-electron-capture detection for pesticide residues analysis in royal jelly". J. Chromatography A, 1209: 17-21.
<https://www.sciencedirect.com/science/article/pii/S002196730801529X>
31. Ntalli N.G, **Menkissoglu-Spirodi U**, Giannakou I.O., Prophetou-Athanasiadou D.A. (2009) "Efficacy evaluation of a neem (*Azadirachta indica* A. Juss) formulation against root-knot nematodes *Meloidogyne incognita*". Crop Protection, 28: 489-494.
<https://www.sciencedirect.com/science/article/pii/S0261219409000246>
32. Tsochatzis D. E., Tzimou-Tsitouridou R., **Menkissoglu-Spirodi U.**, Karpouzas G. D., Papageorgiou M. (2012). "Development and Validation of an HPLC-DAD Method for the Determination of Pesticides in Paddy Waters". J. Environ. Anal. Chem., 92: 548-560.
<https://www.tandfonline.com/doi/full/10.1080/03067310903229943>
33. Spyrou I., Karpouzas D. G. and **Menkissoglu-Spirodi U.** (2009) "Do botanical pesticides alter the structure of the soil microbial community?". Microbial Ecology, 58(4): 715-727.
<https://link.springer.com/article/10.1007/s00248-009-9522-z>
34. Ntalli N.G., **Menkissoglu-Spirodi U.** and Giannakou I.O. (2010) "Nematicidal activity of powder and extracts of *Melia azedarach* fruits against *Meloidogyne incognita*". Annals of Applied Biology 156: 309-317.
<http://onlinelibrary.wiley.com/doi/10.1111/j.1744-7348.2009.00388.x/full>
35. Tsochatzis E.D, Tzimou-Tsitouridou R., **Menkissoglu-Spirodi U.** and Karpouzas D. G. (2010). "A multi-residue method for pesticide residue analysis in rice grains using matrix solid phase dispersion extraction and High-Performance Liquid Chromatography-Diode Array Detection" Anal. Bioanal. Chem. 397: 2181–2190. | <http://www.springerlink.com/content/j3r049447150j275/>
36. Ntalli N.G., Ferrari F., **Menkissoglu-Spirodi U.** and Giannakou I.O. (2010) "Phytochemistry and nematicidal activity of the essential oils from eight Greek Lamiaceae aromatic plants and thirteen terpene components". J.Agric. Food Chem., 58: 7856-7863. <http://pubs.acs.org/doi/abs/10.1021/jf100797m>
37. Karanasios E., Tsiropoulos N., Karpouzas D. G. and **Menkissoglou-Spirodi U.** (2010) "Novel biomixtures based on local Mediterranean ligninocellulosic materials: evaluation for use in biobed systems". Chemosphere. 80(8): 914-921. <http://europemc.org/article/med/20594578>
38. Ntalli N.G., Ferrari F., Giannakou I.O. and **Menkissoglu-Spirodi U.** (2010) "Synergistic and Antagonistic Interactions of Terpenes against *Meloidogyne incognita* and Nematicidal Activity of Essential Oils from 7 Plants Indigenous in Greece". Pest Manag Sci., 67(3): 341-351. <https://pubmed.ncbi.nlm.nih.gov/21308960/>
38. Ntalli N.G., Cottiglia F., Bueno C.A., Alché L.E., Leonti M, Vargiu S., **Menkissoglu-Spirodi U.** and Caboni P. (2010) "Cytotoxic tirucullane triterpenoids from *Melia azedarach* fruits". Molecules, 15: 5866-5877.
<https://www.mdpi.com/1420-3049/15/9/5866>
39. Ntalli N.G., Vargiu S., **Menkissoglu-Spirodi U.**, and Caboni P. (2010) "Nematicidal Carboxylic Acids and Aldehydes from *Melia azedarach* Fruits". J. Agric. Food Chem, 58: 11390–11394. <http://pubs.acs.org/doi/abs/10.1021/jf1025345>
40. Ntalli N.G. and **Menkissoglu-Spirodi U.** (2011) "Pesticides of Botanical Origin: A Promising Tool in Plant Protection". In **Pesticides-Formulations, Effects, Fate.** Ch.1, pp.3-24, Margarita Stoytcheva (Ed.)

https://www.researchgate.net/profile/Margarita_Stoytcheva/publication/275885234_Pesticides_in_the_Modern_World_Pesticides_Use_and_Management/links/55487fb40cf26a7bf4daca05/Pesticides-in-the-Modern-World-Pesticides-Use-and-Management.pdf

41. Omirou M., Rousidou C., Bekris F., Papadopoulou K. K., **Menkissoglu-Spiroudi U.**, Ehaliotis C. and Karpouzas D. G. (2011) "The impact of biofumigation and chemical fumigation methods on the structure and function of the soil microbial community". *Microbial Ecology* 61: 201-213.
<http://www.springerlink.com/content/c5206331141346uv/fulltext.pdf>
42. Ntalli N.G, Ferrari F., Giannakou I.O. and **Menkissoglu-Spiroudi U.** (2011) "Synergistic and Antagonistic Interactions of Terpenes against *Meloidogyne incognita* and Nematicidal Activity of Essential Oils from 7 Plants Indigenous in Greece". *Pest Manag. Sci.* 67: 341-351.
<https://onlinelibrary.wiley.com/doi/full/10.1002/ps.2070>
43. Papadopoulou E. S., Karpouzas D. G. and **Menkissoglu-Spiroudi U.** (2011) "Extraction Parameters Significantly Influence the Quantity and the Profile of PLFAs Extracted from Soils". *Microbial Ecology* 62: 704–714 <https://link.springer.com/article/10.1007/s00248-011-9863-2>
44. Karazafiris E., Tananaki Ch., Thrasyvoulou A. and **Menkissoglu-Spiroudi U.** (2011) "Pesticide Residues in Bee Products". In "Pesticides in the Modern World /Book 3" (Ed.), InTech OPEN
<https://www.intechopen.com/books/pesticides-in-the-modern-world-pesticides-use-and-management>
45. Papatheodorou E.M., Kordatos H., Kouseris T., Monokrousos N, **Menkissoglu-Spiroudi U.**, Diamantopoulos J., Stamou G.P. and Argyropoulou M.D. (2012) "Differential responses of structural and functional aspects of soil microbes and nematodes to abiotic and biotic modifications of the soil environment". *Applied Soil Ecology* 61: 26– 33. <http://dx.doi.org/10.1016/j.apsoil.2012.04.002>
46. Marinozzi M., Coppola L., Monaci E., Karpouzas D. G., Papadopoulou E., **Menkissoglu-Spiroudi U.** and Vischetti C. (2012) "The dissipation of three fungicides in a biobed organic substrate and their impact on the structure and activity of the microbial community". *Environ. Sci. Pollut. Res.* 20: 2546 – 2555.
<https://link.springer.com/article/10.1007/s11356-012-1165-9>
47. Tsochatzis E. D., Tzimou-Tsitouridou R., **Menkissoglu-Spiroudi U.**, Karpouzas D. G. and Katsantonis D. (2013) "Laboratory and field dissipation of penoxsulam, tricyclazole and profoxydim in rice paddy systems". *Chemosphere* 91: 1049–1057 <http://dx.doi.org/10.1016/j.chemosphere.2013.01.067>
48. Rousidou C., Papadopoulou E.S., Kortsinidou M., Giannakou I.O., Singh B.K., **Menkissoglu-Spiroudi U.**, and Karpouzas D.G. (2013) "Bio-pesticides: Harmful or harmless to ammonia oxidizing microorganisms? The case of a *Paecilomyces lilacinus*-based nematicide" *Soil Biology and Biochemistry* 67: 98 - 105
<https://www.sciencedirect.com/science/article/pii/S0038071713002794>
49. Caboni P., Saba M., Tocco G., Casu L., Murgia A., Maxia A., **Menkissoglu-Spiroudi U.** and Ntalli N. (2013) "Nematicidal activity of mint aqueous extracts against the root-knot nematode *Meloidogyne incognita*". *J. Agric. and Food Chem.* 61: 9784 - 9788 <https://pubs.acs.org/doi/10.1021/jf403684h>
50. Ntalli N. G., Nasiou E., Oplos Ch., Ferrari F. and **Menkissoglu-Spiroudi U.** (2015) "Activity of Catambra Extracts against *Meloidogyne* spp". *American J of Experimental Agriculture.* 5(3): 209-216.
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ABSTRACTS IN NATIONAL AND INTERNATIONAL CONFERENCES: >100

OTHER ACTIVITIES

- Official member of the Council for Authorization of Plant Protection Products (Greek Ministry of Agriculture (1999-2007, 2007-....)).
- Regular reviewer of the international scientific journals