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Department of Agriculture Crop Production  
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**Ioannis Vagelas, PhD, MPhil, MSc**  
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Professor (Assistant)  
Plant Pathology

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## Education

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**University of Reading, United Kingdom, Reading**  
*MPhil, Mathematics and Statistics - Biological control.*  
Reading, United Kingdom

**The University of Manchester, School of Biology**  
*PGCert (Immunobiology), Immunobiology.*  
Manchester, United Kingdom

**University of Reading, United Kingdom, Reading**  
*PhD, Phytopathogenic fungi - Biological control. Pseudomonas.*  
Reading, United Kingdom

**University of Reading, United Kingdom, Reading**  
*MSc, Crop Protection (Plant Pathology).*  
Reading, United Kingdom

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## Thesis

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Vagelas I. (2011). *Analysis of the movement of juvenile root-knot nematodes encumbered with spores of Pasteuria penetrans*. Dissertation note: Thesis (MPhil.) - University of Reading, Department of Mathematics and Statistics (School of Mathematical and Physical Sciences).

Vagelas I. (2002). *Efficacy of Pseudomonas oryzae as a biocontrol agent of root pathogens*. Dissertation note: Thesis (PhD.) - University of Reading, Department of Agriculture (School of Agriculture, Policy and Development).

Vagelas I. (1999). *Assessing Pathogenic and Morphological Variability in Colletotrichum gloeosporioides in South Pacific*. Dissertation note: Thesis (MSc.) - University of Reading, Department of Agriculture (School of Agriculture, Policy and Development)

## Research Experience

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University of Thessaly: Volos, Greece

2019 to present | Assistant Professor (Department of Agriculture Crop Production and Rural Environment)

Technological Educational Institute of Thessaly: Larissa, Greece

2015 to 2019 | Assistant Professor (Department of Agriculture (School of Plant Production))

Technological Educational Institute of Larissa: Larissa, Greece

2009 to 2015 | Lecturer (Department of Plant Production)

## Skills & Activities - Hobbies

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*Skills* Plant Pathology, Biological Control, Statistical Modeling, Nematology, Essential Oils, Biopesticides, Bacteria, Fungi

*Scientific Memberships* Mediterranean Phytopathological Union.

*Hobbies* Larissa Marathon Runners Club (<http://larisarunners.blogspot.gr/>)  
Music / Flute, Piccolo Flute

## Research Projects

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«ENBIOS»

Project Goal: Application of Nanotechnology Solutions in Crop Protection

Starting Date: 22 August 2018

Current Stage: «ENCAPSULATION OF BIOACTIVE SUBSTANCES OF AROMATIC AND PHARMACEUTICAL PLANTS IN NANOSOMATIDES FOR USE IN THE PRODUCTION OF: (a) BIOLOGICAL FOODS & FOOD SUPPLEMENTS (b) ANIMAL HEALTH PROTECTION PRODUCTS (c) PLANT PROTECTION PRODUCTS» Acronym: «ENBIOS»

## Publication Highlights

### Books

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Rigas G., & I. Vagelas. (2017). *Biometry*. Utopia, ISBN: 978-618-5173-31-9

Vagelas I., Pembroke B., & S.R. Gowen. (2010). *Modelling Plant Science Data: Digital Image Analysis*. LAP LAMBERT Academic Publishing, ISBN: 978-3838377537

Vagelas I., Leontopoulos S., & F. Gravanis. (2010). *Plant Protection of Grapevines and Horticultural Crops*. Grammiko Publications, Larissa, ISBN: 978-960-98448-9-1

## Book Chapters

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- Leontopoulos, S., Skenderidis, P., & Vagelas, I. K. (2020). *Potential Use of Polyphenolic Compounds Obtained from Olive Mill Waste Waters on Plant Pathogens and Plant Parasitic Nematodes*. *Plant Defence: Biological Control*, 137–177. doi:10.1007/978-3-030-51034-3\_6
- Abd-Elgawad, M. M. M., & Vagelas, I. K. (2015). *Nematophagous bacteria: field application and commercialization*. *Biocontrol Agents of Phytonematodes*, 276–309. doi:10.1079/9781780643755.0276
- Vagelas, I. K. (2015). *Novel bacteria species in nematode biocontrol*. *Biocontrol Agents of Phytonematodes*, 310–320. doi:10.1079/9781780643755.0310

## Awards

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WORLD MICROBE FORUM, 20-24 June, 2021 (Online Worldwide, [www.worldmicrobeforum.org](http://www.worldmicrobeforum.org))

POSTER & ORAL PRESENTATION PRIZES, won one of the iPoster Prizes at the World Microbe Forum, sponsored by the FEMS Journals

## Journal Publications

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- Vagelas, I., Cavalaris, C., Karapetsi, L., Koukidis, C., Servis, D., & Madesis, P. (2022). Protective Effects of Systiva® Seed Treatment Fungicide for the Control of Winter Wheat Foliar Diseases Caused at Early Stages Due to Climate Change. *Agronomy*. <https://doi.org/10.3390/agronomy12092000>
- Vagelas, I., & Leontopoulos, S. (2022). Modeling the Overdispersion of *Pasteuria penetrans* Endospores. *Parasitologia*, 2(3), 206–227. <https://doi.org/10.3390/parasitologia2030018> *Pathogens*
- Lampiri, E., Agrafioti, P., Vagelas, I., & Athanassiou, C.G. (2022). Insecticidal Effect of an Enhanced Attapulgit for the Control of Four Stored-Product Beetle Species. *Agronomy*, 12(7), 1495; <https://doi.org/10.3390/agronomy12071495>
- Vagelas, I. (2022). Analysis of Over-Dispersed Count Data: Application to Obligate Parasite *Pasteuria Penetrans*. *WSEAS TRANSACTIONS ON ENVIRONMENT AND DEVELOPMENT*, 18, 333–339. doi: 10.37394/232015.2022.18.33
- Michail, G., Karapetsi, L., Madesis, P., Reizopoulou, A., & Vagelas, I. (2021). Metataxonomic Analysis of Bacteria Entrapped in a Stalactite's Core and Their Possible Environmental Origins. *Microorganisms*, 9(12), 2411. <https://doi.org/10.3390/microorganisms9122411>
- Vagelas, I., Papadimos, A., & Lykas, C. (2021). Pre-Symptomatic Disease Detection in the Vine, Chrysanthemum, and Rose Leaves with a Low-Cost Infrared Sensor. *Agronomy*, 11(9), 1682. <https://doi.org/10.3390/agronomy11091682>
- Vagelas, I. (2021). Important Foliar Wheat Diseases and their Management: Field Studies in Greece. *Modern Concepts & Developments in Agronomy*, 8(1). doi:10.31031/mcda.2021.08.000680

- Vagelas, I. (2021). Latest Application Technology in Wheat Crop Simulation and Disease Prediction Models. *Modern Concepts & Developments in Agronomy*, 7(5). doi:10.31031/mcda.2021.07.000674
- Vagelas, I. (2021). Assessing Wheat Damage Caused by *Gaeumannomyces graminis* Using Plant Pathology Techniques, Image Analysis, and Satellite Data Image Analysis. *Modern Concepts & Developments in Agronomy*, 8(4). doi:10.31031/mcda.2021.08.000692
- Vagelas, I. (2021). Phytophthora Root and Crown Rot of Plum. *Modern Concepts & Developments in Agronomy*, 7(5). doi:10.31031/MCDA.2021.07.000671
- Vagelas I. (2021). A Simple Infection Model for Foliar Pathogens of Wheat. *Nov Res Sci*. 6(2). *Novel Research in Sciences (NRS)*, 6(2) 000635.2021. DOI: 10.31031/NRS.2021.06.000635
- Vagelas I. (2021). A Tool for Early Detection of Septoria Tritici Blotch of Wheat. *Nov Res Sci*. 7(1). *Novel Research in Sciences (NRS)*, 7(1) 000651.2021. DOI: 10.31031/NRS.2021.07.000651
- Vagelas, I. (2020). Data analysis and modeling of *Pasteuria penetrans* spore attachment. *International Journal of Agriculture & Environmental Science*, 7(5), 108–113. doi:10.14445/23942568/ijaes-v7i5p116
- Vagelas, I., Michail, G., & Reizopoulou, A. (2020). Bacteria Isolated from Cave Aquatic Environment Exhibit Significant Antifungal Activity Against Phytopathogenic Fungi and Oomycetes. *International Research Journal of Engineering and Technology (IRJET)*, 7(12), 1781–1785.
- Vagelas, I., & Gougoulis, N. (2020). Research regarding wine faults due to filamentous fungi. *International Journal of Agriculture & Environmental Science*, 7(5), 114–119. doi:10.14445/23942568/ijaes-v7i5p117
- Lykas, C., Gougoulis, N., & Vagelas, I. (2019). Effect of Manure and Cocoa Shell Biomass Addition on Soil Chemical Properties under Laboratory Incubation Conditions. *International Journal of Agriculture & Environmental Science*, 6(6), 58–66. doi:10.14445/23942568/ijaes-v6i6p109
- Gougoulis, N., I. Vagelas, L. Giurgiulescu, M.-N. Ntalla, & P. Nterkou, A. Salonikioti, S. Efthimiou, & I.-R. Sugar. (2018). Comparative study on polyphenols content and antioxidant effect of some grape varieties grown in central greece. *Carpathian Journal of Food Science and Technology*, 10(1):141-149.
- Gougoulis N., Vagelas I., Giurgiulescu L., Touliou E., Kostoulis V., & A. Chouliara. (2017). The coir substrate for soilless cultures, reused as soil amendment (study in vitro and in vivo). *Carpathian Journal of Food Science and Technology*, 9(4):61-70.
- Giurgiulescu L., Vagelas I., Gougoulis N., & L. Mihaly-Cozmuta. (2017). Chemical composition and heavy metals content in distilled products from plums obtained in the northwest of Romania. *Acta horticultrae* 10. DOI:10.17660/ActaHortic.2017.1175.16
- Leontopoulos, S. P. Skenderidis, V. Anatolioti, M. Kokkora, S. Tsilfoglou, K. Petrotos, & I. Vagelas. (2017). Antifungal Activity of *Azadirachta indica* Aqueous and Non-Aqueous Extracts on *Colletotrichum gloeosporioides*, *Botryodiplodia theobromae* and *Fusarium solani*. A First Approach. *International Journal of Food and Biosystems Engineering*, 6(1), 38-50.
- Leontopoulos, S. K. Petrotos, V. Anatolioti, P. Skenderidis, S. Tsilfoglou, & I. Vagelas. (2017). Effects of Cells and Cells-Free Filtrates Supernatant Solution of *Pseudomonas oryzihabitans* on Root-Knot Nematodes (*Meloidogyne javanica*). *International Journal of Food and Biosystems Engineering*, 6(1), 23-37.

- Leontopoulos, S. K. Petrotos, V. Anatolioti, P. Skenderidis, S. Tsilfoglou, & I. Vagelas. (2017). Chemotactic Responses of *Pseudomonas oryzihabitans* and Second Stage Juveniles of *Meloidogyne javanica* on Tomato Root Tip Exudates. *International Journal of Food and Biosystems Engineering*, 5(1), 75-100.
- Gougoulias, N. L. Giurgiulescu, I. Vagelas, E. Wogiatzi, & M.-N. Ntalla. (2017). Changes in Total Phenol Content and Antioxidant Activity of Greek Table Olive Cultivar Amfissis during Maturation. *Studia Universitatis Babeş-Bolyai. Chemia*, 62 (LXII) (2):387-396., DOI:10.24193/subbchem.2017.2.3
- Leontopoulos, S. K. Petrotos, V. Anatolioti, P. Skenderidis, S. Tsilfoglou, C. Papaioannou, M. Kokkora, & I. Vagelas. (2017). Preliminary Studies on Mobility and Root Colonization Ability of *Pseudomonas oryzihabitans*. *International Journal of Food and Biosystems Engineering*, 3(1), 73-89.
- Gougoulias N., Vagelas I., Wogiatzi E., Giurgiulescu L., Samaltanis S., Chouliara A. (2017). Comparative study on polyphenols content and antioxidant effect of olive cultivars from the Island Paros, Greece. *Carpathian Journal of Food Science and Technology*, 9(1):144-151.
- Gougoulias N., Wogiatzi E., Vagelas I., Giurgiulescu L., Gogou I., Ntalla M.N., & D. Kalfountzos. (2017). Comparative study on polyphenols content, capsaicin and antioxidant activity of different hot peppers varieties (*Capsicum annuum* L.) under environmental conditions of Thessaly region, Greece. *Carpathian Journal of Food Science and Technology*, 9(1):109-116.
- Gougoulias, N., Papachatzis, A., Vagelas, I., Giurgiulescu, L., Karaboula, A., & Kalfountzos, D. (2016). Total phenols, antioxidant activity and yield, in tomatoes and peppers in a closed greenhouse and comparison with a conventional greenhouse. *Stud. UBB Chem*, 61, 295-303.
- Giurgiulescu L., Vagelas I., Gougoulias N., Stoica F, Banica M., & N. Ungureanu. (2016). VARIATION IN CHEMICAL COMPOSITION OF WHITE WINES CONTAMINATED WITH MOLDS. *Annals of the University of Craiova* 12/2016; Series: *Biology, Horticulturae, Food produce processing technology, Environmental engineering*, (Vol. XXI (LVII)):311-314.
- Giurgiulescu, L. Vagelas I., & N. Gougoulias. (2016). Research regarding the influence of *Penicillium chrysogenum*, *Penicillium expansum* and *Phanerochaete* spp. on chemical composition of red wines. *Romanian Biotechnological Letters*, 21 (2):11290-11297.
- Giurgiulescu, L. L. Qian, A. Cadar, I. Vagelas, & N. Gougoulias, I. Sugar. (2015). Classification of Vinegar Blender with Different Wood Essences by Spectroscopy Method. *Annals of the University of Craiova Series: Biology, Horticulturae, Food produce processing technology, Environmental engineering*, (Vol. XX (LVI)):157-164.
- Vagelas, I. & S. Leontopoulos. (2015). Cross-protection of cotton against *Verticillium* wilt by *Verticillium nigriscens*. *Emirates Journal of Food and Agriculture*, 27(9):687-691., DOI:10.9755/ejfa.2015-04-047
- Gougoulias, N. L. Giurgiulescu, D. Kalfountzos, A. Papachatzis, I. Vagelas, D. Ftakas, D. Pateras, & A. Chouliara. (2015). Coir Employed as Soilless Cultivation Substrate and its Interference With Nutrient Solution During Two Tomatoes Cropping Periods (Case Study). *Studia Universitatis Babeş-Bolyai. Chemia*, LX, 2, Tom I: 177-185.
- Peter, A. D. Tegla, L. Giurgiulescu, A.M. Cozmuta, C. Nicula, & L.M. Cozmuta, I. Vagelas. (2015). Development of Ag/TiO<sub>2</sub>-SiO<sub>2</sub>-coated food packaging film and its role in preservation of green lettuce during storage. *Carpathian Journal of Food Science & Technology*, 7(4).

- Gougoulias, N. I. Vagelas, A. Papachatzis, D. Kalfountzos, L. Giurgiulescu, & A. Chouliara. (2014). Mixture of solid with water soluble, olive oil mill waste application, as soil amendment in greenhouse cultivation of vegetables (case study). *Carpathian Journal of Food Science and Technology*, 6 (2): 63-68.
- Giurgiulescu L., Vălean Bianca, Vagelas I., Gougoulias N., & Sugar I.R. (2014). Study on Red Wines Contamination with Different Types of Moulds. *Annals of the University of Craiova Series: Biology, Horticulturae, Food produce processing technology, Environmental engineering*, (Vol.XIX (LV)):201-206.
- Lykas, C. I. Vagelas, & N. Gougoulias. (2014). Effect of olive mill wastewater on growth and bulb production of tulip plants infected by bulb diseases. *SPANISH JOURNAL OF AGRICULTURAL RESEARCH*, 12(1):233-243., DOI:10.5424/sjar/2014121-4662
- Gougoulias, N. I. Vagelas, A. Papachatzis, D. Kalfountzos, A. Chouliara & L. Giurgiulescu. (2014). Mixture of solid with water soluble, olive oil mill waste application, as soil amendment in greenhouse cultivation of vegetables (case study). *Carpathian Journal of Food Science and Technology*, 6(2):63-68.
- Vagelas, I. & F. Gravanis. (2013). *Phelipanche nana* (Reut.) Sojak parasitism on lentil (*Lens culinaris*) and parasitism of *P. aegyptiaca* on *Carduus marianus* in Thessalia region, Greece. *Archives of Phytopathology and Plant Protection*, 47(16):1-7., DOI:10.1080/03235408.2013.862944
- Vagelas I. (2013). Diagnosis and management of Sclerotinia stem rot (white mould) of lentils in Greece. *Archives of Phytopathology and Plant Protection*, 47(10):1209-1217., DOI:10.1080/03235408.2013.835986
- Gougoulias, N., Vagelas, I., Papachatzis, A., Stergiou, E., Chouliaras, N., & Chouliara, A. (2013). Chemical and biological properties of a sandy loam soil amended with olive mill waste, solid or liquid form, in vitro. *International journal of Recycling of Organic waste in Agriculture*, 2(1), 1-8.
- Vagelas, I., Dennett, M. D., Pembroke, B., & Gowen, S. R. (2013). Fitting the negative binomial distribution to *Pasteuria penetrans* spore attachment on root-knot nematodes and predicting probability of spore attachments using a Markov chain model. *Biocontrol Science and Technology*, 23(11), 1296-1306. DOI:10.1080/09583157.2013.829800
- Vagelas, I., Dennett, M. D., Pembroke, B., Ipsilandis, P., & Gowen, S. R. (2013). Understanding the movement of root-knot nematodes encumbered with or without *Pasteuria penetrans*. *Biocontrol Science and Technology*, 23(1), 92-100. DOI:10.1080/09583157.2012.736474
- Gougoulias, N. A. Papachatzis, H. Kalorizou, I. Vagelas, E. Wogiatzi, & N. Chouliaras. (2013). Comparative studies on biodegradation effect of Neem (*Azadirachta indica* A. juss) and of an organic fertilizer added in soil. *Acta horticulturae*, 981(1):379-384.
- Vagelas, I. K., Dennett, M. D., Pembroke, B., & Gowen, S. R. (2012). Adhering *Pasteuria penetrans* endospores affect movements of root-knot nematode juveniles. *Phytopathologia Mediterranea*, 618-624.
- Gougoulias, N. A. Papachatzis, H. Kalorizou, I. Vagelas, L. Giurgiulescu, & N. Chouliaras. (2012). Total phenolics, lycopene and antioxidant activity of hydroponically cultured tomato sandin F1. *Carpathian Journal of Food Science and Technology*, 4(2):46-51.
- Vagelas, I. N. Gougoulias, L. Giurgulescu, & A. Raluca. (2012). Study on red wines contamination with different types of moulds. *Carpathian Journal of Food Science and Technology*, 4 (1):17-21.
- Vagelas, I. & S. R. Gowen. (2012). Control of *Fusarium oxysporum* and root-knot nematodes (*Meloidogyne* spp.) with *Pseudomonas oryzihabitans*. *Pak. J. Phytopathol*, 24(1), 32-38.

- Vagelas, I. S. Leontopoulos, B. Pembroke, & S. Gowen. (2012). Poisson and Negative Binomial Modeling Techniques for Better Understanding *Pasteuria penetrans* Spore Attachment on Root-Knot Nematode Juveniles.. *Journal of Agricultural Science and Technology* 2 (A2):273-277. DOI:10.17265/2161-6256/2012.02A.013
- Gougoulas, N. A. Papachatzis, H. Kalorizou, I. Vagelas, N. Chouliaras, & E. Iliadou. (2012). Hydroponically Cultured Tomato Fruit Phenolics, Lycopene and Antioxidant Activity at Different Ripening Stages. *Annals of Nutrition and Metabolism*, 60(2):137-137.
- Vagelas, I. N. Gougoulas, L. Giurgulescu, & I. Papageorgiou. (2012). Potential antifungal activity of olive mill wastewater against postharvest diseases of pears. *Carpathian Journal of Food Science and Technology*, 4(1):31-36.
- Vagelas, I.K. C.I. Rumbos, & J. Tsiantos: (2012). Variation in disease development among Persian walnut cultivars, selections and crosses when inoculated with *Xanthomonas arboricola* pv. *juglandis* in Greece. *Journal of Plant Pathology*, 94(1sup), 1-57.
- Vagelas, I. H. Kalorizou, A. Papachatzis, & F. Gravanis. (2011). First Report of Powdery Mildew of *Cydonia oblonga* Caused by *Podosphaera clandestina* and *Setoerysiphe kashmeriensis* in Greece. *Acta horticulturae*, (917): 181-186., DOI:10.17660/ActaHortic.2011.917.23
- Leontopoulos S, Vagelas I.K, & F.T Gravanis. (2011). Estimate the Emergence of *Pectinophora gossypiella* Saunders. (Lepidoptera: Gelechiidae) With Degree Days in the Region of Thessaly, Greece. *Journal of Agricultural Science and Technology*, 1(2):182-186. DOI:10.17265/2161-6256/2011.06A.005
- Vagelas I, Gougoulas N, Nedesca, E.-D, & L. Giurgulescu. (2011). Bread contamination with fungus. *Carpathian Journal of Food Science and Technology*, 3(2):1-6.
- Vagelas, I., Pembroke, B., & Gowen, S. (2011). Modelling Movements of Root-knot Nematodes *Meloidogyne* spp. Juveniles when Encumbered with Spores of *Pasteuria penetrans*. In *HAICTA* (pp. 559-570).
- Vagelas, I., Pembroke, B., & Gowen, S. R. (2011). Techniques for image analysis of movement of juveniles of root-knot nematodes encumbered with *Pasteuria penetrans* spores. *Biocontrol science and technology*, 21(2), 239-250. DOI:10.1080/09583157.2010.535895
- Leontopoulos, S. V. S. R. Gowen, E. Topalidou, I. K. Vagelas, & F. T. Gravanis. (2011). *Pseudomonas oryzihabitans* Suppresses Damage Caused by Root-knot Nematode *Meloidogyne javanica* on Tomato. *Journal of Agricultural Science and Technology*, 5(4):502-507. DOI:10.17265/2161-6256/2011.04A.017
- Gravanis F.T, I.K. Vagelas, S.V. Leontopoulos, & D. Natsiopoulou. (2011). Nematicidal effects of *Azadirachta indica* seed extract on *Meloidogyne* spp. *Journal of Agricultural Science and Technology*, 1(1):136-141. DOI:10.17265/2161-6256/2011.05A.016
- Vagelas, I., Pembroke, B., & Gowen, S. R. (2011). Fitting discrete distributions to *Pasteuria penetrans* spore attachment data. *Pakistan Journal of Phytopathology*, 23(2), 88-91.
- Gougoulas, N., Vagelas, I., Vasilakoglou, I., Gravanis, F., Louka, A., Wogiatzi, E., & Chouliaras, N. (2010). Comparison of neem or oregano with thiram on organic matter decomposition of a sand loam soil amended with compost, and on soil biological activity. *Journal of the Science of Food and Agriculture*, 90(2), 286-290. DOI:10.1002/jsfa.3812

- Vagelas, I., Papachatzis, A., Kalorizou, H., & Wogiatzi, E. (2009). Biological control of Botrytis fruit rot (gray mold) on strawberry and red pepper fruits by olive oil mill wastewater. *Biotechnology & Biotechnological Equipment*, 23(4), 1489-1491. DOI: 10.2478/V10133-009-0017-3
- Wogiatzi, E., Gougoulias, N., Papachatzis, A., Vagelas, I., & Chouliaras, N. (2009). Chemical composition and antimicrobial effects of Greek Origanum species essential oil. *Biotechnology & Biotechnological Equipment*, 23(3), 1322-1324. DOI:10.1080/13102818.2009.10817662
- Wogiatzi, E., Gougoulias, N., Papachatzis, A., Vagelas, I., & Chouliaras, N. (2009). Greek oregano essential oils production, phytotoxicity and antifungal activity. *Biotechnology & Biotechnological Equipment*, 23(1), 1150-1152. DOI:10.1080/13102818.2009.10817630
- Vagelas, I. (2009). First report of phoma stem canker (Blackleg) of oilseed rape caused by the species complex *Leptosphaeria maculans* and *L. biglobosa* in Greece. *Journal of Plant Pathology*, 91(4), S98-S98.
- Vagelas I., A. Papachatzis, & F. Gravanis. (2009). First report of root rot Caused by *Rosellinia necatrix* to almond nursery trees and fig orchard trees in Greece. *Journal of Plant Pathology*, 91(4), S97-S97.
- Vagelas, I., Kalorizou, H., Papachatzis, A., & Botu, M. (2009). Bioactivity of olive oil mill wastewater against plant pathogens and post-harvest diseases. *Biotechnology & Biotechnological Equipment*, 23(2), 1217-1219. DOI:10.1080/13102818.2009.10817641
- Gougoulias N., Papachatzis A. Vagelas I., & N. Chouliaras:. (2008). Total phenols and antiradical activity (DPPHo) of red and white wines from different regions of Greece. *Annals of the University of Craiova Series: Biology, Horticulturae, Food produce processing technology, Environmental engineering*, (Vol. XIII (XLIX)):11-26.
- Chouliaras, N., Gravanis, F., Vasilakoglou, I., Gougoulias, N., Vagelas, I., Kapotis, T., & Wogiatzi, E. (2007). The effect of basil (*Ocimum basilicum* L.) on soil organic matter biodegradation and other soil chemical properties. *Journal of the Science of Food and Agriculture*, 87(13), 2416-2419. DOI:10.1002/jsfa.2907
- Vagelas, I. K., Pembroke, B., Gowen, S. R., & Davies, K. G. (2007). The control of root-knot nematodes (*Meloidogyne* spp.) by *Pseudomonas oryzihabitans* and its immunological detection on tomato roots. *Nematology*, 9(3), 363-370. DOI:10.1163/156854107781352061
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- Vagelas, I. K., Gravanis, F. T., & Gowen, S. R. (2004). Antifungal activity of bacterium symbiotically associated with *Steinernema abbasi* towards *Fusarium oxysporum*. *IOBC Bulletin*, 27, 271-277.
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