

# CURRICULUM VITAE DIMITRIS PETRIDIS

**Dr. Veterinarian  
Professor**

**Department of Food Technology  
Technological Educational Institute of Thessaloniki, 57400, Greece**

## Education

**1974-1980:** Diploma in Veterinary, School of Veterinary, Aristotle University of Thessaloniki

**1983-1986:** Department of Zoology, Fisheries Unit, University of Liverpool, Ph.D.

Thesis: **Some ecological aspects of tench, *Tinca tinca* (L.), and its isopod prey, *Asellus aquaticus* (L.), in habitats influenced by grass carp, *Ctenopharyngodon idella* Val.**

## Professional Experience

**1988-1993:** Professor Department of Fisheries, Technological Educational Institute of Mesolongi, Greece

**1993-2010:** Professor, Department of Food Technology, Technological Educational Institute of Thessaloniki, Greece

**2009- :** Lecturer in MSc courses, Department of Food Technology: “Quality Management and Production Organization systems for the Food Industry”.

## Teaching experience

Biometry, Ichthyology, Freshwater Ecology

Food Statistics and Experimental design, Statistical Process Control, Product development

## Administration duties

**1. Head of the Department of Fisheries Technology and Aquaculture,** Moudania Annex, Greece, (2000-2004).

**2. Head Sector of the division “Modules for Specific Infrastructure”,** Department of Food Technology (2002-2010, 2014-2015).

**3. Head of the Department of Food Technology,** Technological Educational Institute of Thessaloniki, Greece, (2010-2013, 2017-2019).

## Research Experience

### 1. Projects

#### A. Participant in research projects

1) Hydrobiological study of Tavropos reservoir (1992), funded by Ministry of Agriculture.

2) Qualitative and quantitative study of the commercial euryhaline fish fry in Porto-Lagos lagoon and Vistonis Lake (1993), funded by Xanthi Prefecture

3) Hydrobiological study of Lake Mikri Prespa (1995), funded by Ministry of Agriculture.

4) Chemical and radioactive environmental pollution in the industrial area of Thessaloniki (1995) funded by ATEI.

5) Texture profile of greek traditional chesses (1996), funded by ATEI.

6) Utilization of mechanically deboned chicken meat (1998), funded by ATEI.

7) Texture profile of Frankfurter-type sausages (1999), funded by ATEI.

8) Production of smoked fillets and other products from minced frozen fish (e.g. tuna) (1999), funded by ATEI.

9) The effect of liquid smoking under pressure on hygiene and quality of smoked fish and utilization of the produced wastes (2001), funded by ATEI.

10) The effect of liquid smoking under pressure on hygiene and quality of smoked fish (2005), funded by EU, ARCHIMEDES II..

- 10) Water circulation in mussel culture areas and handling & management for spatial and environmental improvement. 2005-2006 (ARCHIMEDES II).
- 11) Consumer Views on certified fishing products. EU & National Funding (2000-2006).
- 12) Hellenic Biodiversity Net (HelBioNet), 2010 (6 months).
- 13) Integrated wastewater process of high concentration waste molasses to recover high added value products and the reduction of pollution loads, National Funding, **COLLABORATION project** 2011
- 14) Assessment of qualitative parameters of farmed fish from different production units of NW Greece' funded by EU, **Archimedes III**, 2012
- 15) «Recovery, Characterization and Practical Applications of hydrocolloids suitable for food by-products of Olive and Grapes, National Funding, **COLLABORATION project** 2011
- 16) Isolation and Characterization of Polysaccharides and Oligosaccharides from Okra (*Abelmoschus esculentus*)” funded by EU, **Archimedes III** 2012-2013
- 17) ‘Greek buffalo funded by EU, **Archimedes III** 2012-2015
- 18) Innovative technique for determining the quality of frying oil that helps improving fried food quality and safety, FRYSAFE 2014-2015
- 19) «Innovative Practices for Sustainable and Environmentally friendly mussel» National funding, FISHERIES, 2014 – 2015, code number 185361

## B. Coordinator in research projects

- 1) Establishing a new Tertiary Department, Department of Fisheries Technology and Aquaculture, Technological Educational Institute of Thessaloniki, Moudania annex, Greece, EU & National Funding (1999-2006).
- 2) Comparative hydrobiological study between lakes Licimachia and Trichonis, Aitolokarnania district (1992) funded by Ministry of Industrial Research and Technology.
- 3) Pilot study of cost-sustainability of industrial units manufacturing Fishery and Aquaculture products (1998), funded by Ministry of Agriculture.
- 4) Production of fish protein products (Surimi) from pelagic fish which underutilized by the fish industry, (2005) funded by EU, ARCHIMEDES II.
- 5) Practical Training, Department of Food Technology (2005-2007, and 2010-2015), funded by EU and ATEI
- 6) Strategic Use of Competitiveness towards Consolidating the Economic Sustainability of the European Seafood sector (SUCCESS), Grant Agreement number:635188, HORIZON 2020

## 2. Scientific publications

### A. Ph.D thesis

**Petridis D.** (1986). Some ecological aspects of tench, *Tinca tinca* (L.), and its isopod prey, *Asellus aquaticus* (L.), in habitats influenced by grass carp, *Ctenopharyngodon idella* Val". Ph.D, University of Liverpool, pp 212.

### B. Books

1. **Petridis D.** (2016). Applied Statistics in food science, 4th ed. Back-Office, Thessaloniki pp 685 (in Greek).
2. **Petridis D.** (2015). Analysis of multivariate techniques: case studies. Hellenic Academic Ebooks Thessaloniki, pp 445 (pdf format) (in Greek). <https://repository.kallipos.gr/handle/11419/2126> pp. 506 (epub).

### C. Articles in books

- Petridis D.** & A. Sinis (1997). The benthic fauna of Lake Mikri Prespa. In: Crivelli A.J. & Katsadourakis G., eds, Lake Prespa, Northeastern Greece. *Hydrobiologia* 351:95-105.
2. Economou, . A.N S. Zogaris, S. Giakoumi, R. Barbieri & **D. Petridis** (2003). Developing a biotic river typology and defining reference conditions in the rivers of Greece: a spatially- based approach. In book: Fame Project, Edition: 2003, Chapter: FAME Project deliverable, Publisher: Fame, Editors: Fame, pp. 35.

### D. Publications in peer reviewed journals

- 1 **Petridis D.** & K. O'Hara (1988). "The assessment of diet in two cyprinids using a modified stomach flushing technique". *Aquaculture and Fisheries Management*, 19:63-66.
2. **Petridis D.** (1990). "Influence of grass carp and tench on the ecology of *Asellus aquaticus*". *Archives fur Hydrobiologie*, 118:105-124.
3. **Petridis D.** (1990). "The influence of grass carp on habitat structure and its subsequent effect on the diet of tench". *Journal of Fish Biology*, 36:533-544.
4. **Petridis D.** (1990). "Utilization of grass carp faeces by the isopod *Asellus aquaticus*, in the laboratory". *Hydrobiologia* 194:47-58.

5. **Petridis D.** & A. Sinis (1993). "Benthic macrofauna of Tavropos reservoir (Central Greece)". *Hydrobiologia* 262:1-12.
6. Sinis A. & **D. Petridis** (1993). "Population structure and reproductive strategy of the whitefish (*Coregonus lavaretus*) in two Greek lakes". *Archives fur Hydrobiologie*, 128:483-497.
7. **Petridis D.** (1993). "Macroinvertebrate distribution along an organic pollution gradient in Lake Lysimachia (Western Greece)". *Archives fur Hydrobiologie* 128:367-384.
8. **Petridis D.** & A. Sinis (1995). "Benthos of lake Mikri Prespa (North Greece)". *Hydrobiologia* 304:185-196.
9. Sinis A. & **D. Petridis** (1995). "Age structure and reproductive pattern of *Chalcarburnus belvica* (Caraman, 1924), in the lake Mikri Prespa (North-western Greece)". *Israel Journal of Zoology* 41:569-580.
10. Raphaelidis S., Antoniou K. & **D. Petridis** (1995). Texture profiling of traditional and ultrafiltered teleme cheeses. *Journal of Food Science* 60:1211-1215.
11. **Petridis D.** & I. Rogdakis (1996). The development of growth and feeding equations for sea bream (*Sparus auratus*) culture. *Aquaculture Research* 27:413-419.
12. Leonardos I., Sinis A. & **D. Petridis** (1996). Influence of environmental factors on the population dynamics of *Aphanius fasciatus* (Nardo 1927) in the Mesolongi lagoon (western Greece). *Israel Journal of Zoology* 42:231-249.
13. Raphaelides, S.N., Ambatzidou, A & **D. Petridis** (1996). Sugar composition effects on textural parameters of peach jams. *Journal of Food Science* 61:942-946.
14. Pourlis A, Magras I. & **D. Petridis** (1998). Occification and growth rates of the limb long bones during the prehatching period in the quail. *Anatomia, Histologia, Embryologia* 27:61-63.
15. Raphaelides S.N., Grigoropoulou S. & **D. Petridis** (1998). Quality attributes of pariza salami as influenced by the addition of mechanically deboned chicken meat. *Food Quality and Preference* 9:237-242.
16. Hasapidou M.N., Paraskevopoulos S.Th., Karakoltsidis P.A, **Petridis D** & E. Fotiadou (1999). Dietary habits of patients with renal stone disease in Greece *Journal of Human Nutrition and Dietetics*, 12:47-51.
17. Antoniou K, **Petridis D**, Raphaelides S., Ben-Omar, Kesteelot (2000). Texture assessments of french cheeses. *Journal of Food Science* 65:168-172.
18. Xanthopoulos V., **Petridis D.** & Tzanetakis N. (2001). Characterization and classification of *Streptococcus thermophilus* and *Lactobacillus delbrueckii* subsp. *bulgaricus* strains isolated from traditional Greek yoghurts on the basis of their technological properties. *Journal of Food Science* 66:747-753.
19. Zotos A., **Petridis D**, Siskos E. & Ch. Gougoulis (2001). Production and quality assessment of an experimentally new hot smoked tuna (*Euthynnus affinis*) product. *Journal of Food Science*.66:1184-1190.
20. Soufleros E.H., Pissa I., **Petridis D.**, Lygerakis M., Mermelas K., Boukouvalas G. & E. Tsimitakis (2001). Instrumental analysis of volatile and other compounds of greek kiwi wine: sensory evaluation and optimisation of its components. *Food Chemistry*, 75:487-500.
21. Kagalou I., Beza P., Perdikaris C. & **Petridis D.** (2002). Effects of copper and lead on microalgae (*Isochrysis galbana*) growth. *Fresenius Environmental Bulletin*, 11:233-236.
22. Kagalou I, **Petridis D** & Tsimarakis G (2003). Seasonal variation of water quality parameters in a shallow lake (Lake Pamvotis, Greece) and effects on Phytoplankton, zooplankton communities. *Journal of Freshwater Ecology*, 18:199-206.
23. Papagianis I, Kagalou I, Leonardos J, **Petridis D** & Kalfakakou B (2003). Copper and Zinc content of four freshwater fish in lake Pamvotis (Greece). *Environ Int.*, 30:357-362.
24. Kagalou I, Papastergiadou E, Tsimarakis G & **Petridis D** (2003). Evaluation of the trophic state of lake Pamvotis, Greece, a shallow urban lake. *Hydrobiologia* 506:745-752.
25. Iliades KN, Zotos A, Taylor KDA and **Petridis D.** (2004). Effect of Pretreatment and Smoking Process (cold & hot) on Chemical, Microbiological and Sensory Quality of Mackerel (*Scomber scombrus*). *Journal of the Science of Food and Agriculture*, 84, 1545-1552.
26. Bents CA, Zotos A & **Petridis D.** (2004). Production of Fish-Protein Products (Surimi) from Small Pelagic Fish (*sardinops pilchardus*), Underutilized by the Industry. *Journal of Food Engineering*, 68:303-308.
27. Papantoniou, D, Zelati E., Martinou I and **Petridis D.** (2004). Microbiological quality of greek ice cream samples marketed in Thessaloniki. *Archiv fur Lebensmittel-Hygiene*, 55:76-78.
28. Karayannakidis P.D, Zotos A, **Petridis D** & Taylor K.D.A (2007). The effect of initial wash and alkaline pHs on the properties of protein concentrate (kamaboko) products from sardine (*Sarina pilchardis*) samples. *Journal Food Engineering*, 78(3): 775-83.
29. Karayannakidis PD, Zotos A, **Petridis D**, Raphaelides SN, and Taylor KDA (2008). The effect of washing, microbial transglutaminase, salts and starch addition on the functional properties of sardine

- (*Sardina pilchardus*) Kamaboko gels. *Food Science and Technology International* 14:167-177
30. Dimitriadou D, Zotos A, **Petridis D** and Taylor KDA (2008). Improvement studies of different steps included in the production of steamed with liquid smoke trout fillets (*Salmo gairdneri*). *Food Science and Technology International*. 14:67-77
  31. Karayannakidis PD., Zotos A., **Petridis D.** and Taylor K.D.A. (2008). Physicochemical changes of sardine (*Sardina pilchardus*) at -18°C and Functional Properties of Kamaboko Gels Enhanced with Ca<sup>2+</sup> ions and MTGase. *Journal of Food Process Engineering*. 31(3):372-397.
  32. Soupilas A., Papadimitriou C.|A., Samaras P., Gudulas K. and **Petridis D.** (2008). Monitoring of industrial effluent ecotoxicity in the greater Thessaloniki area. *Desalination*, 224:261-270.
  33. Moriki A., Galinou-Mitsoudi S., **Petridis D.**, Kosti D., Savvidis Y., Dimitriadis X., Koutitas Ch. and Alvanou L (2008). Environmental Impacts of Intensive Mussel Culture in the Coastal Waters of the Gulf of Thessaloniki (N. Greece). *Fresenius Environmental Bulletin*, 17:1945-1955.
  34. Chytiri S, Goulas, AE, Badeka A, Riganakos KA, **Petridis D** and Kontominas MG (2008). Determination of radiolysis products in gamma-irradiated multilayer barrier food packaging films containing a layer of recycled LPDE. *Radiation Physics and Chemistry* 77:1039-1045.
  35. Ouzouni P.K, **Petridis D.**, Koller W., Riganakos K.A. (2009). Nutritional value and metal content of wild edible mushrooms collected from West Macedonia and Epirus, Greece. *Food Chemistry*, 115: 1575–1580.
  36. Psomas E., Papantoniou D., **Petridis D.** and Panou E. (2009). Evaluation of the microbiological quality of Greek oregano samples. *Archives for Food Hygiene*, 60:98-103.
  37. Ritzoulis C, **Petridis D.**, Derlikis E., Fytianos K. and Asteriou P. (2010). Utilization of inverse water-in-oil emulsions as fat replacers in frankfurter model sausages: influence of fat emulsion content on the organoleptic and mechanical properties. *Journal of Texture Studies* 41: 62–74.
  38. **Petridis D.**, Vlazakis El., Tzivanos Iak., Derlikis Em., Ritzoulis C. (2010). Effects of selected ingredients and fat content on the sensory and mechanical properties of frankfurter-type sausages *Journal of Texture Studies*, 41: 880–898.
  39. Vlamis A., Katikou P and **Petridis D.** (2010). Management of the production and harvesting in Greek mussel culture areas, according to the occurrence of lipophilic toxic episodes. *International Aquatic Research* 2: 183-192.
  40. Papadimitriou CA, Samaras P, Zaboulis A.I., **Petridis D**, Sakellaropoulos GP (2011). Effects of influent composition on activated sludge protozoa. *Desalination and Water Treatment*, 33:132-139.
  41. **Petridis D.**, Zotos A., Kampouris T. and Roumelioti Z. (2013). An optimization of steaming with liquid smoked process on mussel (*Mytilus provincialis*) was performed. *Food Science and Technology International*, 14:67-77.
  42. **Petridis D.** Ritzoulis C., Tzivanos I., Vlazakis E., Derlikis, E. & Vareltsis P. (2013). Effects of fat volume fraction, caseinate and starch to the optimization of the sensory properties of frankfurter sausages. *Food Science and Nutrition*, 1:32-44.
  43. Vareltsis P., **Petridis D.**, Tsamitropoulou F. & Petropoulou A. (2013). Plackett-Burman experimental design for investigating the effect of porcine plasma protein, trehalose and bovine meat protein isolate on cook yield and texture of minced bovine meat. *Journal of Food Research* 2(3):122-136.
  44. **Petridis D.**, Raizi, P. & Ritzoulis C. (2013). Influence of citrus fiber, rice bran and collagen on the texture and organoleptic properties of low fat frankfurters., *Journal of Food Processing and Preservation*, 38(4):1759-1771.
  45. Papadimitriou C., **D. Petridis**, A.I.Zouboulis, P.Samaras, M.Yiangou, G.P.Sakellaropoulos (2013). Protozoans as indicators of sequential batch processes for phenol treatment; an autoecological approach. *Ecotoxicology and Environmental Safety*, 98:210-218.
  46. Zarogoulidis P., **Petridis D.**, Ritzoulis C., Darwiche K., Kioumis I., Porpodis K., Spyratos D., Hohenforst-Schmidt W., Yarmus L., Huang H., Li Q., Freitag L. & Zarogoulidis K. (2013). [Internal mouthpiece designs as a future perspective for enhanced aerosol deposition. Comparative results for aerosol chemotherapy and aerosol antibiotics.](#) *Int J Pharm*, 456(2):325-31.
  47. Zarogoulidis P., Kioumis I., Ritzoulis C., **Petridis D.**, Darwiche K., Porpodis K., Spyratos D., Parrish S., Browning R., Li Q., Turner JF., Freitag L. & Zarogoulidis K. (2013). [New insights in the production of aerosol antibiotics. Evaluation of the optimal aerosol production system for ampicillin-sulbactam, meropenem, ceftazidime, cefepime and piperacillin-tazobactam.](#) *Int J Pharm*, 455(1-2):182-8.
  48. Zarogoulidis P., **Petridis D.**, Ritzoulis C., Darwiche K., Spyratos D., Huang H., Goldberg EP., Yarmus L., Li Q., Freitag L. & Zarogoulidis K. (2013). [Establishing the optimal nebulization system for paclitaxel, docetaxel, cisplatin, carboplatin and gemcitabine: back to drawing the residual cup.](#) *Int J Pharm*, 453(2):480-7.
  49. **Petridis D.**, Dimitreli G., Chrysalidou S. & Akakiadou P. (2013). Optimization of the Rheological and Sensory Properties of Stirred Yogurt as Affected by Chemical Composition and Heat treatment of Buffalo Milk. *Journal of Food Research* 2(6):51-75.

50. Zarogoulidis P, **Petridis D**, Ritzoulis C, Li Q, Huang H, Ning Y, Darwiche K, Freitag L, Zarogoulidis K. (2013). [Further experimentation of inhaled; LANTUS, ACTRAPID and HUMULIN with todays' production systems.](#) *Int J Pharm.* 458(1):39-47.
51. **Petridis D.**, Zarogoulidis P., Kallianos A., Kioumis I., Trakada D., Spyratos D., Papaiwannou A., Porpodis K., Huang H., Rapti A., Yarmus I., Hohenforst-Schmidt H. & Zarogoulidis K. (2014). Clinical Differences Between H3N2 - H1N1 Influenza 2012 and Lower Respiratory Tract Infection using a Classification Statistical Approach. *Therapeutics and Clinical Risk Management* 2014:1077-86.
52. Zarogoulidis P, Porpodis K, Kioumis I, **Petridis D**, Lampaki S, Spyratos D, Papaiwannou A, Organtzis J, Kontakiotis T, Manika K, Darwiche K, Freitag L, Tsiouda T, Papakosta D, Zarogoulidis K. (2014). [Experimentation with inhaled bronchodilators and corticosteroids.](#) *Int J Pharm.* 461(1-2):411-8.
53. Dimitreli G, **Petridis D**, Akakiadou P. and Chrysalidou S. (2014). Effect of protein supplementation, fat globule size and storage time on the rheological and sensory properties of buffalo milk stirred yogurt. *Journal of Food Research*, 3(5):31-44.
54. **Petridis D**, Dimitreli G, Vlahvei K. & Deligeorgakis C. (2014). Effects of Buffalo and Cow Milk Mixtures Enriched With Sodium Caseinates on the Physicochemical, Rheological and Sensory Properties of a Stirred Yogurt Product. *Journal of Food Research*, 3(6):54-69.
55. Tsiouda T, Zarogoulidis P, **Petridis D**, Pezirkianidis N, Kioumis I, Yarmus L, Huang H, Li Q, Hohenforst-Schmidt W, Porpodis K, Spyratos D, Tsakiridis K, Pitsiou G, Kontakiotis T, Argyropoulou P, Kyriazis G, Zarogoulidis K. (2014) [A multifactorial analysis of 1452 patients for smoking sensation. An outpatient lab experience.](#) doi: 10.7150/jca.9360. *J. Cancer*, 5(6):433-45.
56. Pitsiou G, Zarogoulidis P , **Petridis D**, Kioumis I Lampakis. Organtzis J, Porpodis K, PapaiwannouA. Tsiouda Th., Hohenforst- Schmid W. Kakolyris S. Syrigos K, Huang H. Li Q, Turner J.F, Zarogoulidis K (2014). Inhaled tyrosine kinase inhibitors for pulmonary hypertension: a possible future treatment. *Drug Design, Development and Therapy*, 2014: 1753–1763
57. Zarogoulidis P, Kioumis I, Lampaki S, Organtzis J, Porpodis K, Spyratos D, Pitsiou G, **Petridis D**, Pataka A, Huang H, Li Q, Yarmus L, Hohenforst-Schmidt W, Pezirkianidis N, Zarogoulidis K (2014). Optimization of nebulized delivery of linezolid, daptomycin, and vancomycin aerosol. *Drug Design, Development and Therapy*, 2014: 1065-1072.
58. [Huang H., Zarogoulidis P., Lampaki S., Organtzis J., Petridis D, Porpodis K., Papaiwannou A., Karageorgiou V., Pitsiou G, Kioumis I., Hohenforst-Schmidt W., Li Q., Darwiche K., Freitag L., Rapti A. and Zarogoulidis K. \(2014\). Experimentation with aerosol bonsetan, pirfenidone, treprostinil and sildenafil.](#) *Journal of thoracic disease* 10/2014; 6(10):1411-9.
59. ZarogoulidouV., Panagopoulou E., Papakosta D., **Petridis D.**, Porpodis K., Zarogoulidis K., Zaogoulidis P. and Arvanitidou M. (2015). Estimating the direct and indirect costs of lung cancer: a prospective analysis in a Greek University Pulmonary Department. *Journal of thoracic disease* 2/2015; 7(Suppl 1):S12-9.
60. Porpodis K, Domvri K, Zarogoulidis P, **Petridis D**, Tsirgogianni K, Papaioannou A, Hatzizisi O, Kioumis I, Liaka A, Kikidaki V, Lampaki S, Organtzis J, Zarogoulidis K (2015). Roflumilast, a phosphodiesterase-4 inhibitor, induces phagocytic activity in Greek COPD patient. *International Journal of Chronic Obstructive Pulmonary Disease*, 10:1123-1128.
61. **Petridis D.**, Zotos A., Skapetas B. and Bampidis V.A. (2015). The effect of buffalo meat in composition, instrumental and sensory characteristics if traditional Greek cheeses. *Journal of Food Research*, 4(3):26-35.
62. Kallianos A., Zarogoulidis , Ampatzoglou F., Trakada G., Gialafos E., Pitsiou G., Pataka A., Veletza L., Zarogoulidis K., Hohenforst-Schmidt W., **Petridis D.**, Kioumis I. and Rapti A. (2015). Reduction of exercise capacity in sarcoidosis in relation to disease severity. *Patient Preference and Adherence*, 2015 (9) :1179–1188.
63. Tsioptias C., **Petridis D.**, Athanasakis N., Lemonidis I., Deligiannis A., Samaras P. (2015). Post-treatment of molasses wastewater by electrocoagulation and process optimization through response surface analysis. *Journal of Environmental Management*, 164:104-113.
64. [Sfikas A., Angelidis P., Petridis D.](#) (2015). A statistical approach for identification of potential pollution incidents due to lignite mining activity in a surface water stream. *Desalination and water treatment*, 10/2015;
65. Domvri K, Porpodis K, Papaioannou A, Zarogoulidis P, Petridis D., Hatzazisi O, Liaka A, Kikidaki V, Lampaki S, Organtzis I and Zarogoulidis K. (2015). [Neutrophils and spirometry changes in COPD patients treated with roflumilast.](#) *European Respiratory Journal* 46(suppl 59):PA3979. DOI: 10.1183/13993003.congress-2015.PA3979
66. Kalogianni E.P, Georgiou D, Romaidi M, Exarhopoulos S, **Petridis D**, Karastogiannidou C, Dimitreli G and Karakosta P (2016). Rapid Methods for Frying Oil Quality Determination: Evaluation with Respect to Legislation Criteria. *Journal of the American Oil Chemists' Society*, 1-18 doi 10.1007/s11746-016-2919-1

67. Rossiou D, Papadopoulou S, Pagkalos I, Kokkinopoulou A, **Petridis D**, Hassapidou M. (2017). Energy expenditure and nutrition status of ballet, jazz and contemporary dance students. *Prog Health Sci* **2017**, *7(1)*.
68. Fasoulas A, Pavlidou E, **Petridis D** and Giaginis C (2017). Current Evidence for the Possible Interactions of Nutritional Behavior with the Development and Formulation of the Stomatognathic System within the Craniofacial Complex. *Journal of Food and Nutritional Disorders* <http://dx.doi.org/10.4172/2324-9323.1000224>
69. Pavlidou E., **Petridis D.**, Fasoulas A. and Giaginis C. (2017). Current clinical status on the estimation of energy requirement: Searching for a reliable equation to predict energy requirement in multiple population *Current Nutrition & Food Science* DOI: [10.2174/1573401313666170714145028](https://doi.org/10.2174/1573401313666170714145028)
70. Pavlidou E., Giaginis C., Fasoulas A. and **Petridis D.** (2017). Clinical evaluation of the effect of blueberry consumption on chronic diseases, illness prevention and health promotion. *The Natural Products Journal (in press)* DOI: [10.2174/2210315507666170830120953](https://doi.org/10.2174/2210315507666170830120953)
71. Pavlidou E., **Petridis D.**, Fasoulas A. and Giaginis C. (2017). Estimating the agreement between the metabolic rate calculated from prediction equations and from a portable indirect calorimetry device: An effort to develop a new equation for predicting resting metabolic rate. *Obesity (under consideration)*
72. Paul Zarogoulidis, Wolfgang Hohenforst-Schmidt, Haidong Huang, [...]Theodore Kontakiotis (2017). Nab-paclitaxel as First Line Treatment for NSCLC in Elderly Patients More Than 75 Years Old. *Journal of Cancer* 8(9):1673-1678 · 2017 DOI: [10.7150/jca.19463](https://doi.org/10.7150/jca.19463) · License: [CC BY-NC 4.0](https://creativecommons.org/licenses/by-nc/4.0/)
73. Moriki A., **Petridis D**, Papadimitriou Ch., Fantidou I. and Kapageridis N. (2017). Nutrient and Chlorophyll  $\alpha$  Variability at a Micro-Scale Level in a Suspended Mussel Culture. *Journal of Water Resource and Protection*, 09(12):1491-1509.

#### E. Presentations at international refereed Conferences

1. GALINOUMITSOUDI, S., GIANNAKOUROU, A., **PETRIDIS, D.** & PAPATHANASIOU, E., **2002**. Mussel endobionts in Greek cultures: First occurrence and effects. 1<sup>st</sup> International Symposium of Aquacultures, Fisheries Technology & Environmental Administration. ([Abstract](#)).
2. BENTIS C. A., ZOTOS A. and D. **Petridis** (2002). Production of Fish-Protein Products (Surimi) from Small Pelagic Fish (*sardinops pilchardus*), Underutilized by the Industry. **1<sup>st</sup> International Congress of Aquaculture, Fish Technology and Environmental Management**, 8-10 June, Athens.
3. KOKOKIRIS L., FOSTIER A., **Petridis D** & KENTOURI M. (2002). Steroid hormones and sex change in the protogynous hermaphrodite red porgy, *Pagrus pagrus* (Telestei: Sparidae). **1<sup>st</sup> International Congress of Aquaculture, Fish Technology and Environmental Management**, 8-10 June, Athens.
4. MORIKI, A. S. GALINOUMITSOUDI, **D. PETRIDIS**, D. KOSTI, Y. SAVVIDIS, X. DIMITRIADIS, C. KOUTITAS & L. ALVANOU., **2007**. Environmental impacts of intensive mussel culture in the coastal waters of the gulf of Thessaloniki (N. Greece). MESAEP ([Abstract](#)) Poster.
5. GALINOUMITSOUDI S., A. MORIKI, **D. PETRIDIS**, Y. SAVVIDIS, X. DIMITRIADIS, C. KOUTITAS & L. ALVANOU., **2007**. Spatial fluctuation of the quality of the mussels from longline cultures in terms of environmental, biological and culturists operation parameters. MESAEP ([Abstract](#)) Poster.
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  14. Piperidi, C.G. Vlahavas, **D. Petridis**, P. Demertzis and K. Akrida-Demertzi, 2007. Effect of storage time, storage temperature and packaging material on the composition of major volatile compounds of white wines from Ionian islands (Greece). **5th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications**, Rio, Patras, Greece.

#### F. Presentations at national refereed Conferences

1. GALINO – MITSOU S., A. I. SINIS & **D. PETRIDIS**, **1997**. Reproduction of *Venus verrucosa* in the Thessaloniki and Thermaikos Gulfs. 5<sup>th</sup> Pan Hellenic Symposium of Oceanography and Fisheries, National Center of Marine Research, Kavala, Proceedings: 107 – 110.
2. GALINO – MITSOU S. & **D. PETRIDIS**, **2000**. Biometry and growth of horse mussel *Modiolus barbatus* in gulf of Thessaloniki. 8<sup>th</sup> Pan Hellenic Symposium of Ichthyologists, Mesologi. Proceedings:25-28.
3. GALINO – MITSOU S. & **D. PETRIDIS**, **2000**. The correlation between meteorological data and inimical biological phenomena concerning the mussel culture. 6<sup>th</sup> Pan Hellenic Symposium of Ichthyologists, Chios. Proceedings: 76 – 81.
4. Galinou-Mitsoudi S. & **D. Petridis**, **2001**. Some morphometric and ecological elements of a littoral *Pinna nobilis* population in Thermaikos gulf (Mollusca: Bivalvia). 8<sup>th</sup> Pan Hellenic Symposium of Ichthyologists, Chania-Ctete. Proceedings: 33-36
5. Galinou-Mitsoudi S., Ch. Papadimitriou, G. Vlachavas, A. Moriki, Y. Migou, D. Gavrieli & **D. Petridis**, **2007**. Quality estimation of mussels from natural populations with bioassays. 13<sup>th</sup> Pan Hellenic Symposium of Ichthyologists, Mytilene-Lesvos. Proceedings: 437-440.

#### G. Technical Reports

1. **Petridis D.**, & Galinou-Mitsoudi S., **1999**. Establishment Proposal of a new Department for Fisheries and Aquaculture Technology.
2. Bobori D., Galinou-Mitsoudi S., **Petridis D.**, **2000**. Water pollution and toxicity Preliminary Study. ATEI 43 pages.
3. **Petridis D.**, Sinis A.I., Anagnostou Ch. Economou A. & Galinou-Mitsoudi S., **2000**. Orientation and Direction of the Fisheries and Aquaculture Technology Department of ATEI, 43 pages.
4. **Petridis D.**, Bobori D. & Galinou-Mitsoudi S., **2000**. Effects of heavy metals and pesticides in the inland waters communities of aquatic organisms. Research proposal for the Fisheries and Aquaculture Technology Department of ATEI, 26 pages.

#### H. Citations (excluding self citation):1147

### 3. Professional Activities

#### A. Referee for peer reviewed journals:

- ! *Hydrobiologia* (1997)
- ! *Journal of the Marine Biological Association of the United Kingdom* (1999)
- ! *Aquatic Ecosystem Health and Management Society* (2001)
- ! *Web Ecology* (2003)
- ! *Desalination and Water Treatment* (2013)
- ! *Meat Science* (2013, 2014)
- ! *European Journal of Lipid Science and Technology* (2014)
- ! *MOJ Food Processing & Technology* (2017)
- ! *Nutrition and Food Science* (2017)

#### B. Evaluator of research reports:

- “Lack of qualifications and needs for training employees of small or medium size businesses in the area of Thessaloniki”, funded by EU, ADAPT (1996-97)

- “Computer literacy of small or medium size businesses ”, funded by EU, ADAPT (1996-97)

**C. Computer Analyst of Aquaculture biosystems software:**

‘**Biological monitoring of fish farms-Calyspo**’, based on statistical models published in the journal ‘Aquaculture research’ (1993).