

**Professor Cosmas NATHANAILIDES MSc(Plymouth), PhD( Royal Veterinary College, London)**

**Address:** School of Agricultural Sciences, University of Ioannina, Arta, Greece  
**e-mail:** [cosmasfax@yahoo.com](mailto:cosmasfax@yahoo.com), [nathan@uoi.gr](mailto:nathan@uoi.gr)

- | **Web of Science ResearcherID** : [C-6650-2008](#)
- | **ORCID** [0000-0001-9215-4127](#)
- | **Scopus author ID** : 22948351100, [H-index=11](#)

**EDUCATION**

1991 – 1994	<u>University of London</u> PhD Veterinary Anatomy (funded by the Greek Scholarship Foundation)
1989 - 1990	<u>Plymouth University</u> MSc Applied Fish Biology(funded by the Greek Scholarship Foundation)
1983 - 1987	<u>Institute of Technological Education</u> Messolongi,GR Degree: Aquaculture & Fisheries Management
Certificates:	<u>University of London</u> Environmental Sciences,Birbeck College, <u>Cambridge University</u> Certificate of Proficiency in English

**1. WORK & TEACHING EXPERIENCE & ACADEMIC ACTIVITIES**

Sept 2018-Present	<b>Professor</b> of Fish Ecophysiology, Dept Agriculture, University of Ioannina.
Dec 2001-2018	<b>Professor,</b> Dept. Of Aquaculture & Fisheries,TEI of W. Greece and TEI of Epirus
October 2012– 2014	<b>Visiting Lecturer</b> , Veterinary School, Univesity of Thessaly, Greece
January 2000-May 2001	<b>Research Manager,</b> Ioannina Lake Fish Genetics Laboratory, Ioannina, (DELI), Greece
May 1998 - Sept. 1999	<b>Research Fellow,</b> Dept Physiology, Royal Free & University College Medical School, University of London, UK
1-08-97-05/05/98	<b>Programme Officer</b> Hellenic Educational Association for Environmental Education
1/09/1995-March 1996	<b>Laboratory Scientific Officer</b> Sherrington's School of Physiology, Saint Thomas's Hospital Medical & Dental Schools, UK
<b>Head of the Department</b> of Aquaculture & Fisheries, TEI of Epirus.: Academic year 2007-2008	

- J Member of scientific committees :  
Aquamedit 2006 & 2008 & 2010, (3<sup>rd</sup> 4<sup>rd</sup> & 5<sup>th</sup> International Congress on Aquaculture, Fisheries Technology and Environmental Management, Athens, Greece ([http://homepages.pathfinder.gr/pasti/pages\\_UK.htm](http://homepages.pathfinder.gr/pasti/pages_UK.htm)).  
Hydromedit 2014, 2016 and 2018 (<http://hydromedit.gr/index.php/2018/02/23/hydromedit-international-congress-expanding/>)

J Editorial Board Member:

1. Guest Editor, Animals , Special Issue “Emerging issues in Aquaculture”  
[https://www.mdpi.com/journal/animals/special\\_issues/Emerging\\_issues\\_Aquaculture](https://www.mdpi.com/journal/animals/special_issues/Emerging_issues_Aquaculture)
2. International Aquatic Research  
(<https://www.springer.com/environment/aquatic+sciences/journal/40071?detailsPage=editorialBoard>)
3. Journal of Advances in Biology & Biotechnology,  
(<https://publons.com/journal/24462/journal-of-advances-in-biology-biotechnology>)

J Served as reviewer for the following journals:

- ✓ *African Journal of Biotechnology(Academic journals)*
- ✓ *Animals (mdpi)*
- ✓ *Fishes (mdpi)*
- ✓ *Aquaculture (Elsevier)*
- ✓ *Aquaculture Research (Wiley)*
- ✓ *Biopreservation and Biobanking (Mary Ann Liebert, Inc.)*
- ✓ *British Biotechnology Journal (Sciencedomain)*
- ✓ *Canadian Journal of Fisheries & Aquatic Sciences (NRC researchpress)*
- ✓ *Foods (mdpi)*
- ✓ *Fisheries Management and Ecology (Wiley)*
- ✓ *International journal of fisheries and aquaculture (Academic journals)*
- ✓ *Jordan journal of Biological Sciences (Hashemite University)*
- ✓ *Journal of Consumer protection and food safety (Springer)*
- ✓ *Journal of Food Engineering (Elsevier)*
- ✓ *Journal of Food Quality (Wiley)*
- ✓ *Journal of the Hellenic Veterinary Medical Society*
- ✓ *Journal of the Science of Food and Agriculture (Wiley)*
- ✓ *Neotropical Ichthyology (SCIELO)*
- ✓ *Reproduction in Domestic Animals (Wiley)*
- ✓ *Reviews in fish biology & fisheries (Springer)*
- ✓ *Science of the Total Environment (Elsevier)*
- ✓ *West African Journal of Applied Ecology (University of Ghana)*

## 2. RECENT RESEARCH GRANTS

- ❖ *Monitoring the quality of farmed fish in NW Greece*, Greek Government and EU grant. 66,000€
- ❖ *Transfer of fish sperm freezing techniques for the Greek Aquaculture industry*, Greek Government and EU grant. 60,000€
- ❖ *Production of monosex trout offspring*, Greek Ministry of Agriculture. 46,000€
- ❖ *Biotechnological methods to control the gibel carp population in Ioannina Lake*, TEI of Epirus Research Committee Grant 9,000 €.
- ❖ *Interaction of environmental factors and bivalve reproductive biology in Maliacos Bay, Greece*, Greek Government and EU grant. 50,000€..

### **Special interests:**

Sustainable aquaculture, global food security, welfare of farmed fish.

### 3. PUBLICATIONS

#### Papers published in peer reviewed journals

1. Nathanailides, C., Kolygas, .., Choremi, .., Mavraganis, .., Gouva, .., Vidalis, .. and Athanassopoulou, F. (2021). Probiotics Have the Potential to Significantly Mitigate the Environmental Impact of Freshwater Fish Farms" *Fishes* 6,no.4:76. <https://doi.org/10.3390/fishes6040076>
2. Kontominas, M. G., Badeka, A. V., Kosma, I. S., & **Nathanailides**, C. I. (2021). Recent Developments in Seafood Packaging Technologies. *Foods*, 10(5), 940. (**IF=4.0**)
3. Kontominas, M. G., Badeka, A. V., Kosma, I. S., & **Nathanailides**, C. I. (2021). Innovative Seafood Preservation Technologies: Recent Developments. *Animals*, 11(1), 92. (**IF=2.1**)
4. Gouva, E., **Nathanailides**, C., Skoufos, I., Paschos, I., Athanassopoulou, F., & Pappas, I. S. (2020). Comparative study of the effects of heavy metals on embryonic development of zebrafish. *Aquaculture Research*, 51(8), 3255-3267. <https://doi.org/10.1111/are.14660>. (**IF=1.3**)
5. Gouva E., **Nathanailides** C., Paschos I., Athanassopoulou F., & Pappas I. S. (2020). Reduced metabolic rate and increased Heart beat as early signs of sub-lethal Copper toxicity in developing Zebrafish, *Asian J Agric & Biol* 8, no. 2 (2020): 119-128.
6. Mavraganis T., Choremi C., Kolygas M., Vidalis K., Nathanailides C. (2020). Environmental issues of Aquaculture development. *Egyptian Journal of Aquatic Biology & Fisheries* 24, no. 2 (2020): 441-450.
7. Nathanailides, C., Klaoudatos, D., Perdikaris, C., Klaoudatos, S., Kolygas, M., & Athanassopoulou, F. (2019). Metabolic differentiation of diploid and triploid European sea bass juveniles. *International Aquatic Research*, 11:199. <https://doi.org/10.1007/s40071-019-0229-6>
8. Mavraganis, T., Thorarensen, H., Tsoumani, M., & **Nathanailides**, C. (2017). On the Environmental Impact of Freshwater Fish Farms in Greece and in Iceland. *Annual Research & Review in Biology*, 13(1), 1–7.
9. Perdikaris, C., Konstantinidis, E., Gouva, E., Ergolavou, A., Klaoudatos, D., **Nathanailides**, C., & Paschos, I. (2015). Occurrence of the Invasive Crab Species Callinectes sapidus Rathbun, 1896, in NW Greece. *Walailak Journal of Science and Technology (WJST)*, 13(7), 503-510.
10. Chantzopoulos, A., **Nathanailides**, C., Kokokiris, L., Barbouti, A., & Zhang, T. (2015). A brief exposure to low pH prior to refrigerated storage reduces the motility and viability of goldfish sperm (*Carassius auratus*, Linnaeus, 1758). *Journal of Applied Ichthyology*, 31(S1), 89-93. **IF=0,774**
11. Vatavali, K., Karakosta, L., **Nathanailides**, C., Georgantelis, D., & Kontominas, M. G. (2014). Combined effect of chitosan and oregano essential oil dip on the microbiological, chemical, and sensory attributes of red porgy (*pagrus pagrus*) stored in ice. *Food and Bioprocess Technology*, 6(12), 3510-3521 **IF=2,998**
12. Tyligadas, I., Moutopoulos, D.K., Chatziefstathiou, M., Tsoumani, M., **Nathanailides**, C., Anastasiou, S. (2014). A Review of Health and Safety Issues in Mariculture Industry in Greece. *Journal of Scientific Research & Reports*, 3(9), 1153-1161. [http://www.sciedomain.org/download.php?f=Tiligadas392014JSRR8886\\_1.pdf&aid=4082](http://www.sciedomain.org/download.php?f=Tiligadas392014JSRR8886_1.pdf&aid=4082)
13. **Nathanailides** C. Kokokiris L., Karipoglou C., Kanlis G., Logothetis P., Mittakos I., Lenas D. (2013). Muscle Aerobic Capacity and Filleting Yield of Farmed Fish Species in the Mediterranean Sea. *J Agricultural Science & Technology* 3: 685-688. **IF=0,89**
14. Mpeza, P. Mavraganis T., **Nathanailides** C. (2013) *Dispersal and variability of chemical and biological indices of aquaculture pollution in Igoumenitsa Bay (NW Greece)*. *Annual Rev & Res Biol.* 3(4):873-880
15. Mittakos, I., Dolores, A M. López-Albors, O., Grigorakis, K, Lenas, D., Kakali, F. **Nathanailides**, C. (2012). Muscle cellularity, enzyme activities, and nucleic acid content in meagre (*Argyrosomus regius*). *Canadian Journal of Zoology*. 90(10): 1270-1277 **IF=1,184**
16. Perdikaris C., Ergolavou A., Gouva E., **Nathanailides** C., Chantzopoulos A., Paschos I. (2012) *Carassius gibelio* in Greece: the dominant naturalised invader of freshwaters. *Reviews in Fish Biology and Fisheries*, vol 22(1)17-27 **IF=3,299**
17. **C. Nathanailides**, T. Chanzaropoulos, A. Barbouti, C. Perdikaris and T. Zhang, (2011). DNA Fragmentation, Linear Velocity and Fertilising Ability of Reactivated Cryopreserved Goldfish Sperm using Different Cryoprotectants. *Biotechnology*, 10: 514-520.

18. C. **Nathanailides**, S Panopoulos, F Kakali, C Karipoglou, D.S. Lenas (2011). Ante- mortem and post-mortem biochemistry, drip loss and lipid oxidation of European sea bass muscle tissue. *Procedia Food Science*, 1: 1099-1104
19. Lenas DS, Chatziantoniou S, **Nathanailides C**, Triantafillou DJ. 2011. Comparison of wild and farmed sea bass (*Dicentrarchus labrax* L) lipid quality. *Procedia Food Science* 1: 1139-1145
20. Grigorakis K., Fountoulaki E., Vasilaki, A. Mittakos I. **Nathanailides C.** (2011). Lipid quality and filleting yield of reared meager (*Argyrosomus regius*). *Inter. Journal of Food Science and Technology*, 4 (4): 711-716 **IF=2,383**
21. D.S. Lenas, D.J. Triantafillou, S. Chatziantoniou, **C. Nathanailides**. (2011). Fatty acid profile of wild and farmed gilthead sea bream (*Sparus aurata*). *Journal of Consumer Protection and Food Safety* 6(4), 435-440 **IF=0,581**
22. D. Lenas, E. Papadimitriou, C. Bitchava, **C. Nathanailides**. (2011). Fatty acid content and potential health benefits of consuming gilthead sea bream and sea bass. *Acta Alimentaria* Vol. 40 (1): 45–51 **IF=0,384**
23. Lenas, D.S. and **Nathanailides, C.**, (2011). High content of n-6 fatty acids in the flesh of farmed fish sea bass *Dicentrarchus labrax* L. and gilthead sea bream *Sparus aurata* L.: implications for the human health". *International Aquatic Research* 3: 181-187
24. Mavraganis T, Telfer T, **Nathanailides C.** 2010. A combination of selected indexes for assessing the environmental impact of marine fish farms using long term metadata analysis. *Inter. Aquatic Res*, 2, 167-171
25. Lenas,D., Logothetis,P., Kanlis,G., **Nathanailides, C.**.. 2010. Comparison of fatty acids in the brains of wild and reared sea bass *Dicentrarchus labrax* L. and sea bream *Sparus aurata* L., and living in the same natural environment . *Inter. Aquatic. Res*, 2, 135-141.
26. Perdikaris C., **Nathanailides C.**, Gouva E., Gabriel U.U., Bitchava K., Athanasopoulou F., Paschou A., Paschos I. 2010. Size-related effectiveness of Clove oil as anaesthetic for rainbow trout (*Oncorhynchus mykiss* Walbaum, 1792) and goldfish (*Carassius auratus* Linnaeus, 1758) *Acta Veterinaria BRNO*, 79, 481-490. **IF=0,442**
27. **C. Nathanailides**, O. Lopez-Albors,D. Lenas, K. Grigorakis and F. Athanassopoulou. 2010. Changes in cytochrome c oxidase and lactate dehydrogenase enzyme activity in white epaxial muscle as shelf-life predictive indices during ice storage of Sea bass (*Dicentrarchus labrax* L.). *Italian Journal of Food Sciences*, 22, 200-204 **IF=0,615**
28. **Nathanailides, C.**, Paschos, I., Tsoumani, M., Perdikaris, C., Kapareliotis, A. 2010. Capacity for thermal acclimation and winter mortality of sea bass (*Dicentrarchus labrax*) in freshwater earthen ponds. *Italian J. Zool gy*. 77, 23-28 **IF=0,597**
29. Karipoglou, C. & **Nathanailides, C.** 2009. Growth rate and feed conversion efficiency of intensively cultivated European eel (*Anguilla anguilla* L.). *International Journal of Fisheries and Aquaculture*, 1, 11-13
30. Gouva, E. Ergolavou, A. Paschos, I. Perdikaris, **C. Nathanailides**, C. Damigou, N. Athanasopoulou, F. (2009). Dolphin therapy. *Journal of the Hellenic Veterinary Medical Society*. 60, 154-160 **IF= 0,069**
31. Octavio López Albors, Isaac Abdel, M Jesús Periago, M Dolores Ayala, Alicia García Alcázar, Carmen Martínez Graciá, **Cosmas Nathanailides**, José M Vázquez. (2008). Temperature influence on the white muscle growth dynamics of the sea bass *Dicentrarchus labrax*, L. Flesh quality implications at commercial size. *Aquaculture*, 277, 39-51. **IF=2,710**
32. Paschos, ., C Perdikaris, E. Gouva and **C. Nathanailides**. Sturgeons in Greece: a review. (2008). *Journal of applied ichthyology*, 24,131-137 **IF=0,774**
33. Perdikaris C., Levavi-Sivan B., Chantzopoulos A., **Nathanailides C.**, Gouva E. & I. Paschos. (2007). Pituitary collection from gibel carp *Carassius gibelio* (Bloch 1783) in Lake Pamvotis (NW Greece) and prospects for future use in carp reproduction. *Israeli Journal of Aquaculture-Bamidgeh*, 59(3): 162-167. **IF=0,439**
34. Perdikaris C., **Nathanailides C.**, Gouva E., Karipoglou C. & I. Paschos. (2005). Collapse of Epirus minnow, *Phoxinellus epiroticus* (Steindachner, 1895) fisheries in lake Pamvotis, Greece. *Ichthyological Exploration of Freshwaters*, 16, 371-374. **IF=0,783**
35. Paschos I, **Nathanailides C.** & C. Perdikaris. (2005). Timing of sexual maturity, gamete and alevin quality of wild brown trout (*Salmo trutta*, L. 1758), under a controlled photoperiod regime. *Supplementa ad Acta Hydrobiologica*, 7, 3-9.
36. Paschos I., **Nathanailides C.**, Tsoumani M., Perdikaris C., Gouva E. & I. Leonardos. (2004). Intra and inter-specific mating options for gynogenetic reproduction of *Carassius gibelio* (Bloch, 1783) in Lake Pamvotis (NW Greece). *Belgian Journal of Zoology* 134, 55-60. **IF=0,778**

37. Paschos I., **Nathanailides C.**, Perdikaris C. & M. Tsoumani. (2004). Comparison of morphology, growth and survival between *Silurus glanis*, *Silurus aristotelis* and their hybrid during larval and juvenile stages. *Aquaculture Research* **35**, 97-99. **IF=1,475**
38. Paschos I., **Nathanailides C.**, Kagalou I., Leka E., Tsoumani M. & C. Perdikaris. (2003). The prospects for restoring the nearly extinct population of the Adriatic sturgeon *Acipenser naccarii* Bonaparte 1836 (Acipenseridae) in Greece. *Aqua: Journal of Ichthyology and Aquatic Biology* **7**, 123-132.
39. **Nathanailides**, C. M. Tsoumani, A. Papazoglou and I. Paschos (2002). Hatching time and post-hatch growth in Russian sturgeon *Acipenser queldenstaedtii*. *Journal of Applied Ichthyology*, **18**, 651-654. **IF=0,774**
40. Paschos, I., Natsis, L., **Nathanailides ,C.**, Kagalou, I., and Kolettas, E.(2001) Induction of gynogenesis and androgenesis in goldfsih *Carassius auratus*(var oranda). *Reproduction in Domestic Animals* **36**, 195-198 **IF=1,422**
41. **Nathanailides C.** (1996) Are changes in enzyme activity of fish muscle after cold acclimation significant? *Canadian Journal of Fisheries & Aquatic Sciences*, **53**, 2333-2336 **IF=2,631**
42. **Nathanailides C.**, O. Lopez-Albors, E. Abellan, J.M. Vazquez, D.D Tyler, A. Rowlerson and N.C. Stickland (1996) Muscle cellularity in relation to somatic growth of the European sea bass (*Dicentrarchus labrax*, L.). *Aquaculture Research*, **27**, 885-889. **IF=1,475**
43. **Nathanailides C.** and N.C Stickland (1996) Activity of cytochrome c oxidase and lactate dehydrogenase in muscle tissue of slow growing (lower modal group) and fast growing (upper modal group) Atlantic Salmon. *Journal of Fish Biology*, **48**, 549-551. **IF=1,702**
44. **Nathanailides C.** (1996) Metabolic specialization of muscle during development in cold and warm water fish species exposed to different thermal conditions. *Canadian Journal of Fisheries & Aquatic Sciences*. **53**: 2147-2155 . **IF=2,631**
45. **Nathanailides C.**, O. Lopez-Albors & N.C Stickland (1995)Influence of pre-hatch temperature on the development of muscle cellularity of post-hatch Atlantic Salmon (*Salmo salar* L) *Canadian Journal of Fisheries & Aquatic Sciences*, **52**, 675-680. **IF=2,631**
46. **Nathanailides C.**, O. Lopez-Albors & N.C. Stickland (1995) emperature and developmentally induced variation in the histochemical profile of mATPase of carp (*Cyprinus carpio*, L.) lateral muscle. *Journal of Fish Biology*, **47**, 631-640. **IF=1,702**
47. Tyler D.D., & C. **Nathanailides** (1995) Assaying for maximal activity of cytochrome c oxidase in fish muscle. *asic and Applied Myology* **5**, 99-102
48. **Nathanailides C.**, O. Lopez-Albors, & N.C Stickland (1994) The effect of temperature on the growth and histochemistry of lateral muscle of carp (*Cyprinus Carpio*, L.) Proceedings of the Anatomical Society of Great Britain and Ireland.  $\mu$  *Journal of Anatomy* **183**: 184-185. **IF= 2,479**

### **3. SELECTED RECENT CONFERENCE PAPERS**

1. Gouva E., **Nathanailides C.**, Paschos I., Athanassopoulou F., & Pappas I. S. (2020). Acute and sub-lethal toxicity of aluminum on developing zebrafish embryos, Proceedings of the 2nd Euro-Mediterranean Conference for Environmental Integration. Book series: Environmental Science and Engineering, Editions Springer, 2020 (in press)
2. **Nathanailides C.**, Gouva E., Kokokiris L., Michaelidis B., Vassilaki A., Fountoulaki E., Grigorakis K. (2018). Seasonal differences of red gorgy (*Pagrus pagrus*, L.) muscle cellularity. Proceedings of HydroMediT 2018, 3rd International Congress on Applied Ichthyology and Aquatic Environment, 8-12 November 2018, Volos, Greece. pp.631-632.
3. Logothetis P., Kanlis G., Nathanailides C., Poulos C., Dendrinos P. (2018). Therapeutic approaches for monogenean gill parasitoses in Mediterranean fish culture: An overview. *Proceedings of th 11th International Congress on Applied Ichthyology & Aquatic Environment*, 8-12 November 2018, Volos, Greece pp. 135-139
4. Vasilaki A., Fountoulaki E., **Nathanailides C.**, Choremi C., Vidalis K., Grigorakis K. (2018). Comparison of proximate and Fatty Acid composition of wild and reared gilthead sea bream. Proceedings of the 3rd International Congress on Applied Ichthyology and Aquatic Environment, 8-12 November 2018, Volos, Greece, pp722-723.
5. *Mavraganis T.*, Thorarensen H., Tsoumani M., Vidalis K., **Nathanailides C.**(2018). Seasonal variation of the organic load produced by rainbow trout fish farms in Greece. Proceedings of HydroMediT 2018, 3rd International Congress on Applied Ichthyology and Aquatic Environment, 8-12 November 2018, Volos, Greece. pp. 402-406.

6. Karayiannis P., **Kolygas M.N.**, Kanlis G., Logothetis P., Anastasiou S., Athanassopoulou F., Nathanaelides C. (2017) Fat content and muscle tissue cellularity of trouts between two different livestock sites on Northern Greece. 6th Pan-Hellenic Conference of Animal Production Technology, 2017, February 3, Thessaloniki.
7. Karayiannis P., **Kolygas M.N.**, Kanlis G., Logothetis P., Anastasiou S., Athanassopoulou F., Nathanaelides C. (2017) Activity of lactate dehydrogenase (LDH) and proximate composition of chicken breast fillets from two different farms of Epirus. Pan-Hellenic Veterinary Conference "Meat and its' products", Chapter IX.03: 321-322. 2017, Thessaloniki 3-5 February. <http://www.synedrio-kreatos.gr/synedrio2017.html>
8. Choremi C., Katselis G., **Nathanaelides C.** &, Vidalis K., (2016). The use of morphometric characters as a diagnostic tool for the origin of wild and cultured gilthead seabream (*Sparus aurata*) in selling spots. 2nd International Congress on Applied Ichthyology & Aquatic Environment, 10-12 Nov. 2016, Messolonghi, Greece, ISBN : 978-618-80242-3-6. ISSN : 2529-1246. pp. 245-249.
9. Mitsagga Ch., Giavasis I., Choremi .., Vidalis K., Vasilaki .., Grigorakis K., Athanasopoulou F. & **Nathanaelides C.**, (2016). Quality control of wild and farmed gilthead seabream during chilled storage. 2nd Intern. Congress on Applied Ichthyology & Aquatic Environment, 10-12 Nov. 2016, Messolonghi, Greece, ISBN : 978-618-80242-3-6. ISSN : 2529-1246. pp. 476-480.
10. Dupont L., Kalogianni E.P., **Nathanaelides C.**, Kiriazis A., Exarchopoulos S., Feidantsis. K., Anestis A., Diehl T., Michaelidis B. (2016). Seasonal analysis of the effect of seawater temperatures on the physiological condition of two farmed fish species *Pagrus pagrus* and *Sparus aurata* – a comparative study" HydroMediT 2016, 2nd International Congress on Applied Ichthyology & Aquatic Environment: Global trends and innovations for the sustainable development of aquaculture and fisheries in our region, 10-12 November 2016, Messolonghi, Greece. pp. 455-460.
11. .., .., .., μ .., .., .., μ .. . (2016). .  
HydroMediT 2016, 2nd International Congress on Applied Ichthyology & Aquatic Environment: Global trends and innovations for the sustainable development of aquaculture and fisheries in our region, 10-12 November 2016, Messolonghi, Greece. Pp 504-508.
12. Mavraganis, T., Thorarensen, H., Tsoumani, M., & Nathanaelides, C. (2016). Nutrient Discharges from Freshwater Fish Farms in Greece and in Iceland. HydroMediT 2016, 2nd International Congress on Applied Ichthyology & Aquatic Environment: Global trends and innovations for the sustainable development of aquaculture and fisheries in our region, 10-12 November 2016, Messolonghi, Greece. pp. 402-406
13. Nathanaelides C., Perdikaris C., Chantzopoulos A., Kokokiris L., Barbouti A. (2015). Effect of triclosan on sperm quality parameters and vitellogenin levels of goldfish. Proceedings of the 5th International Workshop on the Biology of Fish Gametes. pp. 132-134.
14. Porlou D., Karayannakidis P., Nathanaelides C., Michaelidis B. (2015) . Investigation of seasonal variations in lipid in red porgy *Pagrus pagrus* (Linnaeus, 1758). In: 11th Panhellenic Symposium on Oceanography & Fisheries «Aquatic Horizons: Challenges & Perspectives». Mytilene, Lesvos Island, Greece, 13-17 May 2015. Pp. 289-292.
15. Tsoumani M, Vrakas E, Anastasiou S, Chatziefstathiou M, Nathanaelides C, Tiligadas I. Ecological, economic and social parameters of recreational fishing on the reservoir of Aoos river. Proceeding of the VII International Conference “WATER & FISH” – Belgrade, June 10-12, 2015, pp. 120-124
16. Klaoudatos D.S., **Nathanaelides C.**, Conides A., Klaoudatos S.D. (2014). How green can Aquaculture be? Proceeding of the “1st International Congress of Applied Ichthyology & Aquatic Environment” (HydroMedit 2014), 13-15 Nov, Volos, Greece, pp83-88.
17. Anastasiou, S., Panta, M., Dais, E., & **Nathanaelides, C.** (2014). Economic and Marketing Parameters of the Greek Marine Aquaculture Industry during Growth and Recession. Proceeding of the 9th MIBES International Conference, Thessaloniki, Greece 30th June-1<sup>st</sup> July, 2014. pp.102-110  
<http://mibes.teilar.gr/proceedings/2014/Anastasiou-Panta-Dais-Nathanaelides.pdf>
18. Anastasiou, S., **Nathanaelides, C.**, Logothetis, P., & Kanlis, G. (2014). Management Challenges and Product Quality of Fish Farms in Greece. World Academy of Science, Engineering and Technology, International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering, 8(11), 3608-3612.
19. Kokokiris L., Minos G., Mylonas C.C., Simeonidis C., **Nathanaelides C.** (2014). GnRH<sub>A</sub> administration,spermiation conditions and sperm quality response in thick lipped grey mullet (*Chelon labrosus*) maintained in captivity. Proceedings of Aquaculture Europe 2014, Donostia-San, 14-17 October, Spain.
20. **C. Nathanaelides**, M. Tsoumani, F. Kakali, P. Logothetis, P. Mpeza, Th. Mayraganis, G. Kanlis, I. Tyligadas, M. Chatziefstathiou. (2013) A correlation between alkaline phosphatase and phosphate levels with the biomass of trout farm effluents. VI International Conference Water & Fish. June 12-14, 2013. Faculty of Agriculture, University of Belgrade, Belgrade, Serbia

21. **Nathanailides C**, Tsoumani M, Kakali F, Logothetis P, Beza P, Mayraganis T, Kanlis G, Delis G, Tiligadas I, Chatziefstathiou M. (2013) A correlation between alkaline phosphatase and phosphate levels wuth the biomass of trout farm effluents. Conference paper accepted as an oral presentation in the VI International Conference Water & Fish. June 12-14, 2013. Faculty of Agriculture, University of Belgrade, Belgrade, Serbia
22. **Nathanailides C**, Lenas D., Karipoglou C., Kanlis, G, Logothetis P. (2013) Variability in the qualitative traits of a benthic and two semic pelagic farmed fish species in NW Greece. Conference abstract accepted as a poster presentation in the 2013 Annual Symposium of the Fisheries Society of the British Isles, 8-11 July 2013 University of Glasgow, Glasgow, UK
23. **Nathanailides C**, Katselis G, Kriton Grigorakis, Alex s Ramfos, Maria Makri, Dimitrios Petridis, Lampros Kokokiris, George Minos, Kostas Karipoglou, Dimitrios Lenas (2013). Body traits, filleting yield and proximate composition of farmed sea bass. Conference paper (no008), accepted as a presentation in the *15th Panhellenic Congress of Ichthyologists, October 2013, Aristotelion University of Thessaloniki, Thessaloniki, Greece*.
24. Karagiannis P, Grigorakis K, **Nathanailides C**, Fountoulaki E, Basilaki A, Lopez-Albors O., Petridis D, Michailidis B. (2013) The proximate composition and metabolic indices of the axial musculature of rainbow trout from two fish farms in NW Greece. Conference paper (no 009) accepted as a presentation in the *15th Panhellenic Congress of Ichthyologists, October 2013, Aristotelion University of Thessaloniki, Thessaloniki, Greece*.
25. **C. Nathanailides**, S. Anastasiou & O. López-Albors. *Consumer's perceptions and organoleptic evaluation of farmed sea bass in Greece*. Proceedings of the 4th International Congress on Aquaculture, Fisheries Technology and Environmental Management AquaMedit 2008, 21 - 22 November 2008, Athens, Greece
26. Beza, P., V. Mousis, **C. Nathanailides**, A. Bougiouklis, M. Mpoti, G. Ioannou. Nutrients and phytoplankton around aquaculture cages in Igoumenitsa Bay (NW Greece). Proceedings of the 4th International Congress on Aquaculture, Fisheries Technology and Environmental Management AquaMedit 2008, 21 - 22 November 2008, Athens, Greece.
27. Chanzaropoulos ., **Nathanailides C** & Zhang T. 2008. Influence of pH on goldfish sperm motility. 4th International Congress on Aquaculture, Fisheries Technology and Environmental Management AquaMedit 2008, 21 – 22 November 2008, Athens, Greece
28. Theodorou J.A., **Nathanailides C**., Kagalou I., Rizos D., Georgiou P., & Tzovenis I., 2006. *Spat settlement pattern of the cultured Mediterranean mussel Mytilus galloprovincialis in the Maliakos Bay, (Greece)*. Presented in the Annual Meeting of the World Aquaculture Society, Aqua2006, 9-13 May, Florence, Italy.
29. Theodorou J.A., **Nathanailides C**., Makaritis P., Kagalou I., Negas I., Anastasopoulou G., & Alexis M., 2006. *Gonadal maturation of the cultured mussel Mytilus galloprovincialis in the Maliakos Bay (Greece): Preliminary results*. Presented in the Annual Meeting of the World Aquaculture Society, Aqua2006, 9-13 May, Florence, Italy
30. **Nathanailides C**., D.D Tyler and N.C. Stickland (1994) Influence of temperature on the growth and development of cold and warm water fish species. Society of Experimental Biology, Swansea, April 1994. Abstract A7.19
31. **Nathanailides, C**., B. Griesinger, K.W.T. Caddy and F.A. Edwards (1999) Computerised collection of electron microscopy data for analysis of synapses in rat hippocampal organotypic cultures. Meeting of the Physiological Society, London. μ *Journal of Physiology* 1999 p.518