

{tab=2015|grey}

2015

- Arvanitoyannis IS, Kotsanopoulos KV, Savva AG (2015) Use of ultrasounds in the food industry—Methods and effects on quality, safety and organoleptic characteristics of foods: A review. Crit. Rev. Food Sci. Nutr. DOI: 10.1080/10408398.2013.860514
- Berillis P (2015) Factors that can lead to the development of skeletal deformities in fishes: a review. J. Fisher. Sci. 9:17-23
- Berillis P, Panagiotopoulos D, Boursiaki V, Karapanagiotidis IT, Mente E (2015) Vertebrae length and ultra-structure measurements of collagen fibrils and mineral content in the vertebrae of lordotic gilthead seabreams (*Sparus aurata*). Micron 75:27-33
- Bernhard JM, Morrison CR, Pape E, Beaudoin DJ, Todaro A, Pachiadaki MG, Kormas KA, Edgcomb VP (2015) Metazoans of redoxcline sediments in Mediterranean deep-sea hypersaline anoxic basins. BMC Biol. DOI 10.1186/s12915-015-0213-6
- Bouletis AD, Arvanitoyannis IS, Hadjichristodoulou C, Neofitou C, Parlapani F, Gkagtzis DC (2015) Quality changes of cuttlefish stored under various atmosphere modifications and vacuum packaging. J. Sci. Food Agricult. DOI: 10.1002/jsfa.7459
- Castritsi-Catharios J, Neofitou N, Vorloou AA (2015) Comparison of heavy metal concentrations in fish samples from three fish farms (Eastern Mediterranean) utilizing antifouling paints. Toxicol. Environ. Chem. 97:116-123
- Gkafas GA, Megalofonou P, Batzakas G, Aposotolidis AP, Exadactylos A (2015) Molecular phylogenetic convergence within Elasmobranchii revealed by cytochrome oxidase subunits. Biochem. System. Ecol. 61:510-515
- Genitsaris S, Monchy S, Denonfoux J, Ferreira S, Kormas KA, Sime-Ngando T, Viscogliosi E, Christaki U (2015) Marine microbial community structure assessed from combined metagenomic analysis and ribosomal tag pyrosequencing. Mar. Biol. Res. DOI: 10.1080/17451000.2015.1084425
- Genitsaris S, Stefanidou N, Katsiapi M, Vardaka E, Kormas KA, Sommer U, Moustaka-Gouni M (2015) Haematococcus: a successful air-dispersed colonist in ephemeral waters is rarely found in phytoplankton communities. Turk. J. Bot. DOI: 10.3906/bot-1509-8
- Gerovasileiou V, Chintiroglou CC, Vafidis D, Koutsoubas D, Sini M, Dailianis T, Issaris Y, Akritopoulou E, Dimarchopoulou D, Voultsiadou E (2015) Census of biodiversity in marine caves of the eastern Mediterranean Sea. Medit. Mar. Sci. 16:245-265
- Karapanagiotidis IT, Mente E, Berillis P, Rotllant G (2015) Measurement of the feed consumption of *Nephrops norvegicus* feeding on different diets and its effect on body nutrient composition and digestive gland histology. J. Crust. Biol. 35:11-19
- Kormas KA, Meziti A, Papadimitriou T (2015) Microbiological confinement of two adjacent water wells in Lake Karla basin, Greece. Water 7:5272-5283
- Kormas KA, Pachiadaki MG, Karayanni H, Leadbetter ER, Bernhard JM, Edgcomb VP

(2015) Inter-comparison of the potentially active prokaryotic communities in the halocline sediments of Mediterranean deep-sea hypersaline basins. *Extremophiles* 19:949-960

- Kotsanopoulos KV, Arvanitoyannis IS (2015) Membrane processing technology in the food industry: food processing, wastewater treatment, and effects on physical, microbiological, organoleptic, and nutritional properties of foods. *Crit. Rev. Food Sci. Nutr.* 55:1147-1175

- Malissiova E, Arsenos G, Papademas P, Fletouris D, Manouras A, Aspri M, Nikolopoulou A, Giannopoulou A, Arvanitoyannis IS (2015) Assessment of donkey milk chemical, microbiological and sensory attributes in Greece and Cyprus. *Int. J. Dairy Technol.* DOI: 10.1111/1471-0307.12245

- Malissiova E, Tzora A, Katsioulis A, Hatzinikou M, Tsakalof A, Arvanitoyannis IS, Govaris A, Hadjichristodoulou C (2015) Relationship between production conditions and milk gross composition in ewe's and goat's organic and conventional farms in central Greece. *Dairy Sci. Technol.* 95:437-450

- Meziti A, Kormas KA, Moustaka-Gouni M, Karayanni H (2015) Spatially uniform but temporally variable bacterioplankton in a semi-enclosed coastal area. *Syst. Appl. Microbiol.* 38:358:367

- Oikonomou A, Polymeros K (2015) Analyzing the competitiveness of the greek sea bream exports in the European Union market. *J. Glob. Econ.* 3,145

- Parlapani FF, Boziaris IS (2015) Monitoring of spoilage and determination of microbial communities based on 16S rRNA gene sequence analysis of whole sea bream stored at various temperatures. *LWT Food Sci. Technol.* DOI:10.1016/j.lwt.2015.11.007

- Parlapani FF, Haroutounian SA, Nychas GJE, Boziaris IS (2015) Microbiological spoilage and volatiles production of gutted European sea bass stored under air and commercial modified atmosphere package at 2 °C. *Food Microbiol.* 50:44-53

- Parlapani F, Kormas KA, Boziaris IS (2015) Microbiological changes, shelf life and identification of initial and spoilage microbiota of sea bream fillets stored under various conditions using 16S rRNA genes analysis. *J. Sci. Food Agricult.* 95:2386-2394

- Parlapani FF, Verdos GI, Haroutounian SA, Boziaris IS (2015) The dynamics of *Pseudomonas* and volatilome during the spoilage of gutted sea bream stored at 2 °C. *Food Control* 55:247-265

- Pita C, Eleftheriou M, Fernández-Borrás J, Gonçalves S, Mente E, Santos MB, Seixas S, Pierce GJ (2015) Generic skills needs for graduate employment in the aquaculture, fisheries and related sectors in Europe. *Aquacult. Int.* 23:767-786

- Polymeros K, Kaimakoudi E, Schinaraki M, Batzios C (2015) Analysing consumers' perceived differences in wild and farmed fish. *Brit. Food J.* 117:1007-1016

- Skordas K, Kelepertzis E, Kosmidis D, Panagiotaki P, Vafidis D (2015) Assessment of nutrients and heavy metals in the surface sediments of the artificially lake water reservoir Karla, Thessaly, Greece. *Environ. Earth Sci.* 78:4483-4493

- Vlahos N, Vasilopoulos M, Mente E, Hotos G, Katselis G, Vidalis K (2015) Yolk-sac larval development of the substrate-brooding cichlid *Archocentrus nigrofasciatus* in relation to temperature. *Integr. Zool.* 10:497-504

{tab=2014|grey}

2014

- Arvanitoyannis IS, Dionisopoulou N (2014) Acrylamide: Formation, occurrence in food products, detection methods, and legislation. Crit. Rev. Food Sci. Nutr. 54:708-733
- Arvanitoyannis IS, Kotsanopoulos KV (2014) Migration phenomenon in food packaging. food-package interactions, mechanisms, types of migrants, testing and relative legislation - A review. Food Biopr. Technol. 7:21-36
- Arvanitoyannis IS, Kotsanopoulos KV, Papadopoulou A (2014) Rapid detection of chemical hazards (toxins, dioxins, and PCBs) in seafood. Crit. Rev. Food Sci. Nutr. 54:1473-1528
- Arvanitoyannis IS, Kotsanopoulos KV, Veikou A (2014) Life cycle assessment (ISO 14040) implementation in foods of animal and plant origin: review. Crit. Rev. Food Sci. Nutr. 54:1253-1282
- Berillis P, Papadimitriou Th, Petridou E, Kormas KA, Kagalou I (2014) Brain and liver histopathological examination of *Carassius gibelio* from a newly reconstructed lake with toxic cyanobacteria. Turk. J. Fish. Aquat. Sci. 14:213-219
- Bernhard JM, Kormas K, Pachiadaki MG, Rocke E, Beaudoin DJ, Morrison C, Visscher PT, Cobban A, Starczak VR, Edgcomb VP (2014) Benthic protists and fungi of Mediterranean deep hypersaline anoxic basin redoxcline sediments. Front. Microbiol. 5,605
- Bouletis AD, Arvanitoyannis IS, Hadjichristodoulou C, Neofitou C, Sakkomitrou M, Kolokythopoulou F (2014) The effect of modified atmosphere packaging on the microbiological, physical, chemical and sensory characteristics of broadtail squid (*Illex coindetii*). Int. J. Food Sci. Technol. 49:329-336
- Carter CG, Mente E (2014) Protein synthesis in crustaceans: a review focused on feeding and nutrition. Centr. Eur. J. Biol. 9:1-10
- Castritsi-Catharios J, Neofitou N, Vorloou AA (2014) Comparison of heavy metal concentrations in fish samples from three fish farms (Eastern Mediterranean) utilizing antifouling paints. Toxicol. Environ. Chem. DOI: 10.1080/02772248.2014.943226
- Chamoglou M, Papadimitriou T, Kagalou I (2014) Key-Descriptors for the Functioning of a Mediterranean Reservoir: The Case of the New Lake Karla-Greece. Environ. Process.

1:127-135

- Christaki U, Kormas KA, Genitsaris S, Georges C, Sime-Ngando T, Viscogliosi E, Monchy S (2014) Winter-summer succession of unicellular eukaryotes in a meso-eutrophic coastal system. *Microb. Ecol.* 67:13-23
- Dalezios NR, Blanta, A, Spyropoulos NV, Tarquis AM (2014) Risk identification of agricultural drought for sustainable agroecosystems. *Nat. Hazards Earth Syst. Sci. Discuss.*, 2, 3097-3135
- Daoud D, Fairchild W, Comeau M, Bruneau B, Mallet MD, Jackman P, Benhalima K, Berillis P, Mente E (in press) Impact of an acute sublethal exposure of endosulfan on early juvenile lobster (*Homarus americanus*). *Aquat. Sci. Technol.* 2:14-40
- Genitsaris S, Kormas KA, Christaki U, Monchy S, Moustaka-Gouni M (2014) Molecular diversity reveals previously undetected air-dispersed protist colonists in a Mediterranean area. *Sci. Tot. Environ.* 478:70-79
- Giannakopoulou L, Neofitou C (2014) Heavy metal concentrations in *Mullus barbatus* and *Pagellus erythrinus* in relation to body size, gender and seasonality. *Environ. Sci. Pollut. Res.* 21:7140-7153
- Gounari C, Skordas K, Gounaris A, Kosmidis D, Karyoti A (2014) Seawater intrusion and nitrate pollution in coastal aquifer of Almyros– Nea Anchialos Basin, central Greece. *WSEAS Trans. Environ. Develop.* 10:211-222
- Halkos G, Matsiori S (2014) Exploring social attitude and willingness to pay for water resources conservation. *J. Behav. Exper. Econ.* 49:54-62
- Kagalou I, Psilovikos A (2014) Assessment of the typology and the trophic status of two Mediterranean lake ecosystems in Northwestern Greece. *Wat. Resour.* 41:335-343
- Kaimakoudi E, Polymeros K, Batzios C (2014) Investigating export performance and competitiveness of balkan and eastern european fisheries sector. *Proc. Econ. Finance* 9:219-230
- Karapanagiotidis IT, Karalazos V, Kougioumtzis N, Tsiamis V, Tsiaras V, Neofitou C, Karacostas I, Nengas I (2014) Growth and feed utilization of golden grey mullet (*Liza aurata*) in a coastal lagoon ecosystem fed compound feeds with varying protein levels. *Israeli J. Aquacult. Bamidgeh DOI: IJA_66.2014.1011*
- Kazanidis G, Lolas A, Vafidis D (2014) Reproductive cycle of the traditionally exploited sea cucumber *Holothuria tubulosa* (Holothuroidea: Aspidochirotida) in Pagasitikos Gulf, western Aegean Sea, Greece. *Turk. J. Biol.* 38:306-315
- Kormas KA, Karayanni H, Christaki U, Giannakourou A, Assimakopoulou G, Gotsis-Skretas O (2014) Microbial food web structure and its impact on primary production in a meso-oligotrophic coastal area (Pagasitikos Gulf, Aegean Sea). *Turk. J. Fish. Aquat. Sci.* 14:527-537
- Kormas KA, Meziti A, Mente E, Frentzos A (2014) Dietary differences are reflected on the gut prokaryotic community structure of wild and commercially reared sea bream (*Sparus aurata*). *MicrobiologyOpen* 5:718-728

- Loizou E, Chatzitheodoridis F, Polymeros K, Michailidis A, Mattas K (2014) Sustainable development of rural coastal areas: Impacts of a new fisheries policy. *Land Use Policy* 38:41-47
- Martsikalis P, Gkafas GA, Apostolidis A, Exadactylos A (2014) Genetic Structure Profile of Rainbow Trout (*Oncorhynchus mykiss*) Farmed Strains in Greece. *Turk. J. Fish. Aquat. Sci.* 14:749-757
- Malandrakis EE, Exadactylos A, Dadali O, Golomazou E, Klaoudatos S, Panagiotaki P (2014) Molecular cloning of four glutathione peroxidase (GPx) homologs and expression analysis during stress exposure of the marine teleost *Sparus aurata*. *Comp. Biochem. Physiol. B Biochem. Mol. Biol.* 168:53-61
- Neofitou N, Charizopoulos N, Vafidis D, Skordas K, Tziantziou L, Neofitou C (2014) Mussel farming impacts on trophic status and benthic community structure in Maliakos Gulf (Eastern Mediterranean). *Aquacult. Int.* 22:843-857
- Nikolaou M, Neofitou N, Skordas K, Castritsi-Catharios I, Tziantziou L (2014) Fish farming and anti-fouling paints: a potential source of Cu and Zn in farmed fish *Aquacult. Environ. Interact.* 5:163-171
- Parlapani FF, Mallouchos A, Haroutounian SA, Bozaris IS (2014) Microbiological spoilage and investigation of volatiles profile during storage of sea bream fillets under various conditions. *Int. J. Food Microbiol.* 189:153-163
- Parlapani F, Neofitou C, Bozaris IS (2014) Microbiological quality of raw and processed wild and cultured edible snails. *J. Sci. Food Agricult.* 94:768-772
- Pita C, Eleftheriou M, Fernández-Borrás J, Gonçalves S, Mente E, Santos MB, Seixas S, Pierce GJ (2014) Generic skills needs for graduate employment in the aquaculture, fisheries and related sectors in Europe. *Aquacult. Int.* DOI: 10.1007/s10499-014-9843-x
- Petihakis G, Theodorou A, Tsiaras K, Pollani A, Prospathopoulos A, Triantafyllou G (2014) A tool for ecosystem-based management applied to Pagasitikos Gulf. *Fisher. Aquacult. J.* 5,92
- Polymeros K, Kaimakoudi E, Mitsoura A, Nikouli E, Mente E (2014) The determinants of consumption for organic aquaculture products - evidence from Greece. *Aquacult. Econ. Managem.* 18:45-59
- Tsikliras A, Polymeros K (2014) Fish market prices drive overfishing of the 'big ones'. *PeerJ.* 2:e638
- Rottland G, Mente E, Gisbert E, Karapanagiotidis IT (2014) Effects of different diets on the digestive physiology of adult Norway lobster *Nephrops norvegicus*. *J. Shell. Res.* 33:1-9
- Skordas K, Kelepertzis E, Kosmidis D, Panagiotaki P, Vafidis D (2014) Assessment of nutrients and heavy metals in the surface sediments of the artificially lake water reservoir Karla, Thessaly, Greece. *Environ. Earth Sci.* DOI: 10.1007/s12665-014-3736-1
- Tsikliras AC, Stergiou KI, Adamopoulos N, Pauly D, Mente E (2014) Shift in trophic level of mediterranean mariculture species. *Conserv. Biol.* 28:1124-1128
- Tsarouhas PH, Arvanitoyannis IS (2014) Yogurt production line: reliability analysis. *Prod. Manuf. Res.* 2:11-23
- Vafidis D, Antoniadou C, Voultsiadou E, Chintiroglou C (2014) Population structure of the protected fan mussel *Pinna nobilis* in the south Aegean Sea (eastern Mediterranean) (2014) *J. Mar. Biol. Assoc. U. K.* 94:787-796

{tab=2013|grey}

2013

- Akoumianaki I, Papaspyrou S, Kormas KA, Nicolaidou A (2013) Environmental variation and macrofauna response in a coastal area influenced by land runoff. *Est. Coast. Shelf Sci.* 132:34-44
- Alexakis D, Kagalou I, Tsakiris G (2013) Assessment of pressures and impacts on surface water bodies of the Mediterranean. Case study: Pamvotis Lake, Greece. *Environ. Earth Sci.* 70:687-698
- Arvanitoyannis IS, Tserkezou P (2013) Protected designation of origin (PDO) wheat and corn. *Compreh. Analyt. Chem.* 60:599-621
- Berillis P (2013) The role of collagen in the aorta's structure. *Open Circul. Vasc. J.* 6:1-8
- Berillis P, Hatzioannou M, Karapanagiotidis IT, Neofitou C (2013) Morphological study of muscular tissue collagen of wild and reared *Cornu aspersum* (Müller, 1774). *Moll. Res.* 33:6-13
- Berillis P, Hatzioannou M, Panagiotopoulos N, Neofitou C (2013) Similar shell features between rear and wild *Cornu aspersum* snails. *World J. Agricult. Res.* 1:1-4
- Berillis P, Simon C, Mente E, Sofos F, Karapanagiotidis IT (2013) A novel image processing method to determine the nutritional condition of lobsters. *Micron.* 45:140-144
- Boziaris IS, Stamatiou AP, Nychas G-JE (2013) Microbiological aspects and shelf life of processed seafood products. *J. Sci. Food Agr.* 93:1184-1190
- Castritsi-Catharios J, Syriou V, Miliou H, Zouganelis GD (2013) Toxicity effects of bisphenol A to the nauplii of the brine shrimp *Artemia franciscana*. *J. Biol. Res.* 19:38-45
- Dalaris M, Psilovikos A, Sapountzis M, Mourtzis P, Mourtzi P (2013) Water erosion assessment in skiathos island using the Gavrilovic method. *Fresen. Environ. Bullet.* 22:2943-2952
- Economou G, Neofitou C, Matsiori S (2013a) Applying the travel cost approach for valuing recreation benefits of Fthiotida coastal zone. *J. Environ. Sci. Engineer. B* 2:389-397
- Economou G, Neofitou C, Matsiori S (2013b) Measuring visitors' preferences for establishing sustainable tourism products: an empirical research. *J. Environ. Sci. Engineer. B* 2:523-529
- Elhag M, Psilovikos A, Sakellariou-Makrantonaki M (2013) Land use land cover changes and its impacts on water resources in Nile delta region using remote sensing techniques», *Environ. Develop. Sustain.* 15:1189-1204
- Exadactylos A, Malandrakis EE, Panagiotaki P, Geffen AJ (2013) The development of size

variation in Dover sole, *Solea solea* and turbot, *Scophthalmus maximus*: genetic variability between different geographical and among year class farmed strains. *Aquacult. Res.* 44:1912-1925

- Gkafas GA, Tsigenopoulos C, Magoulas A, Panagiotaki P, Vafidis D, Mamuris Z, Exadactylos A (2013) Population subdivision of saddled seabream *Oblada melanura* in the Aegean Sea revealed by genetic and morphometric analyses. *Aquat. Biol.* 18:69-80

- Gobin A, Tarquis AM, Dalezios NR (2013) Preface "weather-related hazards and risks in agriculture". *Nat. Haz. Earth Syst. Sci.* 13:2599-2603.

- Kormas KA, Lymperopoulou DS (2013) Cyanobacterial toxin degrading Bacteria: who are they? *BioMed Res. Int.* Article ID 463894

- Karelakis C, Abas Z, Galanopoulos K, Polymeros K (2013) Positive effects of the Greek economic crisis on livestock farmer behavior. *Agron. Sustain. Develop.* 33:445-456

- Lamprinou V, Hernández-Mariné M, Pachiadaki MG, Kormas K, Economou-Amilli A, Pantazidou A (2013) New findings on the true-branched monotypic genus *lphinoe* (Cyanobacteria) from geographically isolated caves (Greece). *Fottea* 13:15-23

- Lolos PA, Vafidis D (2013) Population dynamics of two caprellid species (Crustaceae: Amphipoda: Caprellidae) from shallow hard bottom assemblages. *Mar. Biodiv.* 43:227-236

- Malissiova E, Tsakalof A, Arvanitoyannis IS, Katsafliaka A, Katsioulis A, Tserkezou P, Koureas M, Govaris A, Hadjichristodoulou C (2013) Monitoring Aflatoxin M1 levels in ewe's and goat's milk in Thessaly, Greece; potential risk factors under organic and conventional production schemes. *Food Control* 34:241-24

- Meziti A, Kormas KA (2013) Comparing clone libraries and pyrosequencing results in a low bacterial diversity system. *Anaerobe* 23:9-11

- Matsiori S, Neofitou C, Aggelopoulos S, Soutsas, K (2013) Measuring the values of water resources: An application of principal component analysis. *J. Environ. Prot. Ecol.* 14:781-785

- Matsiori S, Stamkopoulos Z, Aggelopoulos S, Soutsas K, Neofitou C, Vafidis D (2013) Social values of biodiversity conservation for Mediterranean monk seal (*Monachus monachus*). *Adr. J. Agricult. Res.* 8:2022-2026

- Mitsoura M, Papaioannou N, Berillis P, Mente E, Ifigenia Kagalou I, Papadimitriou T (2013) The presence of microcystins in fish *Cyprinus carpio* tissues: an histopathological study. *International Aquatic Research*, 5:8, doi:10.1186/2008-6970-5-8.

- Moustaka-Gouni M, Katsiapi M, Vardaka E, Kormas KA (2013) Different phytoplankton descriptors show diverse changes in a shallow urban lake (L. Kastoria, Greece) after sewage diversion. *Fund. Appl. Limnol.* 182:219-230

- Moutopoulos DK, Katselis G, Kios A, Tsotskou A, Tsikliras AC, Stergiou KI (2013) Estimation and reconstruction of shore-based recreational angling fisheries catches in the Greek Seas (1950-2010). *J. Biol. Res.* 20: 376-381

- Nikouli E, Kormas KA, Berillis P, Karayanni H, Moustaka-Gouni M (2013) Harmful and parasitic unicellular eukaryotes persist in a shallow lake under reconstruction (L. Karla, Greece).

Hydrobiologia 718:73-83

- Pachiadaki MG, Kormas KA (2013) Interconnectivity vs. isolation of prokaryotic communities in European deep-sea mud volcanoes. *Biogeosciences* 10:2821-2831
- Papadimitriou Th, Katsiapi M, Kormas KA, Moustaka-Gouni M, Kagalou I (2013) Artificially-born "killer" lake: phytoplankton based water quality and microcystin affected fish in a reconstructed lake. *Sci. Tot. Environ.* 452-453:116-124
- Parlapani F, Meziti A, Kormas KA, Bozaris I (2013) Indigenous and spoilage microbiota of sea bream stored in ice identified by phenotypic and 16S rRNA gene analysis. *Food Microbiol.* 33:85-89
- Psilovikos A, Elhag M (2013) Forecasting of remotely sensed daily evapotranspiration data over Nile Delta Region, Egypt. *Water Resour. Managem.* 27:4115-4130
- Samaee S-M, Mente E, Estévez A (2013) Egg protein bound amino acid content and embryo/larva success in common dentex (*Dentex dentex*), a marine pelagophil teleost. *Animal Biol.* 63:59-75
- Skordas K, Papastergios G, Filippidis A (2013) Major and trace element contents in apples from a cultivated area of central Greece. *Environ. Monit. Assess.* 185:8465-8471
- Skordas K, Papastergios G, Tziantziou L, Neofitou N, Neofitou C (2013) Groundwater hydrogeochemistry of Trikala municipality, central Greece. *Environ. Monit. Assess.* 185:81-94
- Stamatiadis S, Evangelou L, Blanta A, Tsadilas C, Tsitouras A, Chroni C, Christophides C, Tsantila E, Samaras V, Dalezios N, Dimogiannis D (2013) Satellite Visible-Near Infrared Reflectance Correlates to Soil Nitrogen and Carbon Content in Three Fields of the Thessaly Plain (Greece). *Commun. Soil Sci. Plant Anal.* 44:28-37
- Smeti E, Kormas KA, Spatharis S (2013) A non-phylogenetic α -diversity approach on prokaryotic community structure in aquatic systems. *Ecol. Indic.* 29:361-366
- Theou G, Papachristos DP, Stamopoulos DC (2013) Fumigant toxicity of six essential oils to the immature stages and adults of *Tribolium confusum*. *Hell. Plant Prot. J.* 6:29-39
- Tsikliras AC, Tsiros V-Z, Stergiou KI (2013) Assessing the state of Greek marine fisheries resources. *Fisher. Managem. Ecol.* 20:34-41
- Valaroutsou E., Voudanta E., Mente E., Berillis P (2013) A microscope and image analysis study of the liver and exocrine pancreas of sea bream *Sparus aurata* fed different diets. *Int. J. Zool. Res.* 3:54-58
- Vlahos N, Kormas KA, Pachiadaki MG, Meziti A, Hotos GN, Mente E (2013) Changes of bacterioplankton apparent species richness in two ornamental fish aquaria. *SpringerPlus* 2:66

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- Arvanitoyannis IS, Kotsanopoulos AV (2012) Smoking of fish and seafood: History, methods and effects on physical, nutritional and microbiological properties. *Food Bioproc. Technol.* 5:831-853
- Arvanitoyannis, I.S., Veikou, A., Panagiotaki, P. (2012) Osmotic dehydration: Theory, methodologies, and applications in fish, seafood, and meat products. *Progress in Food Preservation*, pp. 161-189
- Arvanitoyannis, IS, Stratakis AC (2012) Application of Modified Atmosphere Packaging and Active/Smart Technologies to Red Meat and Poultry: A Review. *Food Bioproc. Technol.* 5:1423-1446
- Augoustis, A., Hatzioannou, M., Papadopoulos, S., Kateris, D., Neofytou, C., Vafidis, D. Assessing quality of an irrigation canal ecosystem, through water and sediment environmental parameters. A case study in Thessaly region, Greece (2012) *WSEAS Trans. Environ. Develop.* 8:23-32
- Bozaris IS, Proestos C, Kapsokefalou M, Komaitis M (2012) Acid-induced injury renders *Salmonella Enteritidis* PT4 sensitive to the antimicrobial action of *Filipendula ulmaria* plant extract. *Int. J. Food Sci.* 47:1784-1787
- Carter CG, Mente E, (Katersky) Barnes RS, Nengas I (2012) Protein synthesis in gilthead sea bream: response to partial fishmeal replacement. *Brit. J. Nutr.* 108:2190-2197
- Dalezios NR, Blanta A, Spyropoulos NV (2012) Assessment of remotely sensed drought features in vulnerable agriculture. *Nat. Haz. Earth Syst.* 12:3139-3150
- Halkos G, Matsiori S (2012) Determinants of willingness to pay for coastal zone quality improvement. *J Socio-Econom.* 41:391-399
- Kagalou I, Leonardos I, Anastassiadou C, Neofytou C (2012) The DPSIR Approach for an Integrated River Management Framework. A Preliminary Application on a Mediterranean Site (Kalamas River -NW Greece). *Wat. Resour. Managem.* 26:1677-1692
- Kanellou EC, Spyropoulos NV, Dalezios NR (2012) Geoinformatic intelligence methodologies for drought spatiotemporal variability in Greece (2012) *Wat. Resour. Managem.* 26:1089-1106
- Kefalas E, Castritsi-Catharios J (2012) A new species of Halichondriidae, *Topsentia vacaleti* n. sp. (Halichondrida, Demospongiae, Porifera), collected from coralligenous bottoms of the Aegean Sea. *Zootaxa* 3314: 58-68
- Lympelopoulou DS, Kormas KA, Karagouni AD (2012) Diversity of Bacteria and Archaea in a Mediterranean drinking water reservoir. *Microbes Environ.* 27:1-8
- Matsiori S, Anagnos N, Soutsas K, Aggelopoulos S (2012) Economic valuation of forest recreation: the case of the University Forest of Pertouli in Greece. *Int. J. Food Agr. Environ.* 10:866-870
- Matsiori S, Neofytou C, Aggelopoulos S, Soutsas K (2012) Measuring the Values of Water Resources: An Application of Principal Component Analysis. *J. Environ. Prot. Ecol.* 13:269-274

- Mavromatis AG, Arvanitoyannis IS, Chatzitheodorou V, Kaltsa A, Patsiaoura I, Nakas CT (2012) A comparative study among landraces of *Phaseolus vulgaris* L. and *P. coccineus* L. based on molecular, physicochemical and sensory analysis for authenticity purposes. *Sci. Horticult.* 144:10-18
- Mente E, Stratakis A, Bozaris IS, Kormas KA, Karapanagiotidis I, Catsiki VA, Leondiadis L, Karalazos V (2012) Sustainable aquaculture development: a case of environmentally friendly seabream production in Greece. *Sci. Mar.* 76:549-560
- Meziti A, Mente E, Kormas KA (2012) Gut bacteria in reared *Nephrops norvegicus*. *Syst. Appl. Microbiol.* 35:473-482

- Moutou KA, Tsikogias S, Papadimitriou Th, Kagalogi I (2012) Oxidative stress in *Cyprinus carpio* to analyze microcystin impact in eutrophic shallow lakes: a preliminary study. *J. Environ. Monit.* 14:2195-2203
- Oikonomou A, Katsiapi M, Karayanni H, Moustaka-Gouni M, Kormas KA (2012) Plankton microorganisms coinciding with two consecutive mass fish kills in a newly reconstructed lake. *TheScientificWorldJournal*, Article ID 504135, DOI:10.1100/2012/504135
- Papadimitriou T, Armeni E, Stalikas CD, Kagalogi I, Leonardos ID (2012) Detection of microcystins in Pamvotis lake water and assessment of cyanobacterial bloom toxicity. *Environ. Monit. Assess.* 184:3043-3052
- Papadimitriou T, Kagalogi I, Stalikas C, Pilidis G, Leonardos G (2012) Assessment of microcystin distribution and biomagnification in tissues of aquatic food web compartments from a shallow and evaluation of potential risks for human health. *Ecotoxicology* 21:1156-1166
- Papadimitriou Th, Kagalogi I, Leonardos ID (2012) Seasonally accumulation of microcystins in the various tissues of an endemic and protected fish species (*Rutilus rutilus*) with different sizes. *CLEAN Soil, Air and Water.* 40:402-407
- Petihakis G, Triantafyllou GN, Kores G, Theodorou A (2012) Ecosystem modelling: Towards the development of a management tool for a marine coastal system: Part-I: General circulation, hydrological and dynamical structure. *J. Mar. Syst.* 94:S34-S48
- Petihakis G, Triantafyllou GN, Theodorou A (2012) Ecosystem modelling: Towards the development of a management tool for a marine coastal system Part-II, Ecosystem processes and biogeochemical fluxes. *J. Mar. Syst.* 94:S49-S64
- Petrotou A, Skordas K, Papastergios G, Filippidis A (2012) Factors affecting the distribution of potentially toxic elements in surface soils around an industrialized area of northwestern Greece. *Environ. Earth Sciences* 65:823-833
- Sidiropoulos P, Papadimitriou T, Stabouli Z, Loukas A, Mylopoulos N, Kagalogi I (2012) Past, present and future concepts for conservation of the re-constructed Lake Karla (Thessaly-Greece). *Fresen. Environ. Bullet.* 21(10 A):3027-3034
- Spatharis S, Skliris N, Meziti A, Kormas KA (2012) First record of a *Trichodesmium erythraeum* bloom in the Mediterranean Sea: a result of climate change. *Can. J. Fish. Aquat. Sci.* 69:1444-1455
- Tsarouhas PH, Arvanitoyannis IS (2012) Reliability and maintainability analysis to improve the operation of the limoncello production line. *Int. J. Food Sci. Technol.* 47:1669-1675
- Tsikliras AC (2012) Fish mass mortalities are not always related to environment. *J. Contradicting Results in Sci.* 1:14-15

{tab=2007 - 2011|grey}

□□□□ 2011

-
- Antoniadou C, Vafidis D (2011) Population structure of the traditionally exploited holothurian *Holothuria tubulosa* in the south Aegean Sea. *Cahiers de Biologie Marines* 52:171-175.
- Antonopoulou E, Tsikliras AC, Kocour M, Žlábek V, Flajšhans M, Gela D, Piačková V, Scott AP (2011) Peak production of the maturation-inducing steroid 17,20β-dihydroxypregn-4-en-3-one, is not associated with spawning time in male and female tench, *Tinca tinca* (a teleost fish). *General and Comparative Endocrinology* 172:234-242.
- Berillis P, Mente E, Nengas I (2011) Collagen fibrils in cultured and wild sea bream (*Sparus aurata*) liver. An electron microscopy and image analysis study. *TheScientificWorldJournal* 11:917-929.
- Boziaris IS, Proestos C, Kapsokefalou M, Komaitis M (2011) Antimicrobial effect of *Filipendula ulmaria* plant extract against selected food-borne pathogenic and spoilage bacteria in laboratory media, fish flesh and fish roe product. *Food Technol. Biotechnol.* 49:263-270.
- Boziaris IS, Chorianopoulos NG, Haroutounian SA, Nychas G-JE (2011) Effect of *Satureja thymbra* *Listeria monocytogenes* Scott A and *Salmonella enteritidis* PT4, at various temperatures, pH and water activities. *J. Food Prot.* 74:45-54.
- Boziaris IS, Kordila A, Neofitou C (2011) Microbial spoilage analysis and its effect on chemical changes and shelf-life of Norway lobster (*Nephrops norvegicus*) stored in air at various temperatures. *Int. J. Food Sci.* 4:887-895.
- Elhag M, Psilovikos A, Manakos I, Perakis K (2011) Application of the sebs water balance model in estimating daily evapotranspiration and evaporative fraction from remote sensing data over the Nile Delta. *Wat. Res. Manag.* 25:2731-2742.
- Froese R, Tsikliras AC, Stergiou KI (2011) Editorial note on weight - length relations of

fishes. *Acta Ichthyologica et Piscatoria* 41: 261-263.

- Fryganiotis K, Antoniadou C, Chintiroglou C, Vafidis D (2011) Redescription of the Mediterranean endemic sea-pen *Crassophyllum thessalonicae* (Octocorallia: Pteroeididae). *Marine Biodiversity Records* 4:e3.
- Genitsaris S, Kormas KA, Moustaka-Gouni M (2011) Airborne algae and cyanobacteria: occurrence and related health effects. *Front. Biosci.* E3:772-787.
- Genitraris S, Moustaka-Gouni M, Kormas KA (2011) Airborne microeukaryote colonists in experimental water containers: diversity, succession, life histories and established food webs. *Aquat. Microb. Ecol.* 62:139-152.
- Karapanagiotidis IT, Neofitou C (2011) The Role of Aquaculture in Providing a Highly Nutritious and Health-Promoting Food for Human: Concerns and Challenges. In: *Food Quality: Control, Analysis and Consumer Concerns*, D.A. Medina and A.M. Laine (Eds.), ISBN:978-1-61122-917-2, Nova Science Publishers, Inc., pp. 303-310.
- Karelakis Ch, Kaimakoudi E, Polymeros K (2011) Analyzing managerial perceptions towards the performance determinants in the fishery sector. *Fish. Res.* 110:244-251.
- Katsiapi M, Moustaka-Gouni M, Michaloudi E, Kormas KA (2011) Effects of flushing on phytoplankton and water quality in a Mediterranean drinking-water reservoir (Marathonaas Reservoir, Greece). *Environ. Monit. Assess.* 181:563-575.
- Kormas KA, Gkelis S, Vardaka E, Moustaka-Gouni M (2011) Morphological and molecular analysis of bloom-forming Cyanobacteria in two eutrophic, shallow Mediterranean lakes. *Limnologia* 41:167-173.
- Leonardos ID, Tsikliras AC (2011) Validating annulus formation and an examination of the potential use of pectoral spines for age determination in Aristotle's catfish (*Silurus aristotelis*). *Journal of Applied Ichthyology* 27:53-56.
- Lymperopoulou DS, Kormas KA, Moustaka-Gouni M, Karagouni AD (2011) Diversity of cyanobacterial phylotypes in a Mediterranean drinking water reservoir (Marathonas, Greece). *Environ. Monit. Assess.* 173:155-165.
- Mente E, Karalazos V, Karapanagiotidis TI, Pita C (2011) Nutrition in organic aquaculture: an inquiry and a discourse. *Aquaculture Nutrition* 17(4):e798-e817.
- Mente E, Carter C, Karapanagiotidis IT, Katersky R (2011) Protein synthesis in wild-caught Norway lobster (*Nephrops norvegicus* L.). *Journal of Experimental Marine Biology and Ecology* 409(1-2), 208-214.
- Pachiadaki MG, Kallionaki A, Dahlmann A, de Lange GJ, Kormas KA (2011) Diversity and spatial distribution of prokaryotic communities along a sediment vertical profile of a deep-sea mud volcano. *Microb. Ecol.* 62:655-668.
- Savvides AL, Andriopoulos CP, Kormas K, Hatzinikolaou DG, Katsifas EA, Karagouni AD (2011) Selective isolation of indigenous *Pseudomonas syringae* strains with ice nucleation activity properties from a ski resort. *J. Biol. Res.* 15:67-73.
- Stergiou KI, Tsikliras AC (2011) Fishing-down, fishing-through and fishing-up: fundamental process versus technical details. *Marine Ecology Progress Series* 441: 295-301.

- Tsarouhas PH, Arvanitoyannis IS (2011) Quantitative analysis for peach production line management. *J. Food Engineer.* 105:28-35.
- Tsikliras AC, Koutrakis ET (2011) Summer fish larval assemblages and station groups in the northern Aegean Sea. *Acta Adriatica* 52: 57-66
- Adamidou S, Rigos G, Mente I, Nengas I, Fountoulaki E (2011) The effects of dietary lipid and fibre levels on digestibility of diet and on the growth performance of sharpsnout seabream (*Diplodus puntazzo*). *Medit. Mar. Sci.* 12:401-412
- Arvanitoyannis IS, Bosinas KP, Bouletis AD, Gkagtzis DC, Hadjichristodoulou C, Papaloucas C (2011) Study of the effect of atmosphere modification in conjunction with honey on the extent of shelf life of Greek bakery delicacy "touloumpaki". *Anaerobe* 17:300-302

- Arvanitoyannis IS, Bouletis AD, Papa EA, Gkagtzis DC, Hadjichristodoulou C, Papaloucas C (2011) The effect of addition of olive oil and "Aceto balsamico di Modena" wine vinegar in conjunction with active atmosphere packaging on the microbial and sensory quality of "Lollo Verde" lettuce and rocket salad. *Anaerobe* 17:303-306
- Arvanitoyannis IS, Bouletis AD, Papa EA, Gkagtzis DC, Hadjichristodoulou C, Papaloucas C (2011) Microbial and sensory quality of "Lollo verde" lettuce and rocket salad stored under active atmosphere packaging. *Anaerobe* 17:307-309
- Arvanitoyannis IS, Kargaki GK, Hadjichristodoulou C (2011) Effect of several MAP compositions on the microbiological and sensory properties of Graviera cheese. *Anarobe* 17:310-314
- Arvanitoyannis IS, Kargaki GK, Hadjichristodoulou C (2011) Effect of three MAP compositions on the physical and microbiological properties of a low fat Greek cheese known as "Anthotyros". *Anaerobe* 17:295-297
- Arvanitoyannis IS, Vasiliki K, Bouletis AD, Papaloucas C (2011) Study of changes in physicochemical and microbiological characteristics of shrimps (*Melicerus kerathurus*) stored under modified atmosphere packaging. *Anaerobe* 17:292-294
- Lamprinou V, Hernández-Mariné M, Canals T, Kormas K, Economou-Amilli A, Pantazidou A (2011) Two new stigonematalean cyanobacteria: *Ifinoe spelaea* gen. nov., sp. nov. and *Loriellopsis cavernicola* gen. nov., sp. nov. from Greek and Spanish caves. Morphology and molecular mvaluation. *Int. J. Syst. Evolut. Microbiol.* 62:2907-2915
- Psilovikos A, Sentas A, Sahanids C, Laopoulos T (2011) Trend analysis and assessment of water quality and quantity monitoring data in lignite mines of Western Macedonia, Greece. *Desalin. Wat. Treat.* 33:44-52
- Tsangaris C, Hatzianestis I, Catsiki V-A, Kormas KA, Strogyloudi E, Neofitou C, Andral B, Galgani F (2011) Active biomonitoring in Greek coastal waters: Integrated biomarker response index in relation to contaminant levels in caged mussels. *Sci. Tot. Environ.* 412/413:359-365

- Voultsiadou E, Dailianis T, Antoniadou C, Vafidis D, Dounas C, Chintiroglou C (2011) Aegean bath sponges: historical data and current status. *Rev. Fish. Sci.* 19:34-51 □□□□

2010

- Arvanitoyannis IS, Stratakos A (2010) Effect of irradiation on foods of animal origin. *Food Engin. Ingrid.* 35(SPEC. ISSUE):33-35
- Arvanitoyannis IS, Hadjichristodoulou C, Tserkezou P, Mouchtouri V, Kremastinou J, Nichols G (2010) EU legislation on food and potable water safety which could be potentially applied on board ferries and cruise ships: A comparison with US legislation. *Crit. Rev. Food Sci. Nutr.* 50:533-566
- Coll M, Piroddi C, Steenbeek J, Kaschner K, Ben Rais Lasram F, Aguzzi J, Ballesteros E, Nike Bianchi C, Corbera J, Dailianis T, Danovaro R, Estrada M, Frogia C, Galil BS, Gasol JM, Gertwagen R, Gil J, Guilhaumon F, Kesner-Reyes K, Kitsos M-S, Koukouras A, Lampadariou N, Elijah Laxamana E, López-Fé de la Cuadra CM, Lotze HK, Martin D, Mouillot D, Oro D, Raicevich S, Rius-Barile J, , Saiz-Salinas JI, San Vicente C, Somot S, Templado J, Turon X, Vafidis D, Villanueva R, Voultsiadou E (2010) The biodiversity of the Mediterranean Sea: estimates, patterns, and threats. *PLoS ONE* 5:e11842
- Domenikiotis C, Dalezios NR, Faraslis I (2010) GIS-based weather radar siting procedure in mountainous terrain. *Phys. Chem. Earth* 35:35-42
- Dona A, Arvanitoyannis IS (2010) Letter to the Editor: Reply to Letter from Crop Life International (CLI) Director. *Crit. Rev. Food Sci. Nutr.* 50:92-95
- Fountoulaki E, Morgane H, Rigos G, Antigoni V, Mente E, Sweetman J, Nengas I (2010) Evaluation of zinc supplementation in European sea bass (*Dicentrarchus labrax*) juvenile diets. *Aquacult. Res.* 41:e208-e216
- Kagalou I (2010) Classification and management issues of Greek lakes under the European Water Framework Directive: a DPSIR approach. *J. Environ. Monit.* 12:2207-2215
- Kagalou I, Kosiori A, Leonardos I (2010) Assessing the zooplankton community and environmental factors in a Mediterranean wetland. *Environ. Monit. Assess.* 170:445-455
- Kaimakoudi E, Polymeros K, Karelakis Ch (2010) Investigating market performance: the case of Greek fisheries industry. *Int. Rev. Appl. Econ. Res.* 5:73-81
- Karapanagiotidis IT, Yakupitiyage A, Little DC, Bell MV, Mente E (2010) The nutritional value of lipids in various tropical aquatic animals from rice-fish farming systems in northeast Thailand. *J. Food Comp. Anal.* 23:1-8
- Karayanni H, Kormas KA, Cragg S, Nicolaidou A (2010) Establishment and succession of an epibiotic community on chromated copper arsenate (CCA) treated wood in Mediterranean waters. *Arch. Environ. Contam. Toxicol.* 58:71-78
- Kazanidis G, Antoniadou C, Lolas AP, Neofitou N, Vafidis D, Chintiroglou C, Neofitou C (2010) Population dynamics and reproduction of *Holothuria tubulosa* (Holothuroidea: Echinodermata) in the Aegean Sea. *J. Mar. Biol. Assoc. U.K.* 90:895-901
- Kormas KA, Neofitou C, Pachiadaki M, Koufostathi E (2010) Changes of the bacterial assemblages throughout an urban drinking water distribution system. *Environ. Monit. Assess.* 165:27-38
- Kormas KA, Vardaka E, Moustaka-Gouni M, Kontoyanni V, Petridou E, Gkelis S, Neofitou C (2010) Molecular detection of potentially toxic Cyanobacteria and their associated Bacteria in

lake water column and sediment. World J. Microbiol. Biotechnol. 26:1473-1482

- Margoni S, Psilovikos A (2010) Sustainable management of Agiasma Lagoon-River Nestos delta-Using R.E.MO.S. daily monitoring data of water quality and quantity parameters. Trends, assessments, and natural hazards for the years 2000-2002. Desalination 250:287-296

- Mavromatis AG, Arvanitoyannis IS, Korkovelos AE, Giakountis A, Chatzitheodorou VA, Goulas CK (2010) Genetic diversity among common bean (*Phaseolus vulgaris* L.) Greek landraces and commercial cultivars: Nutritional components, RAPD and morphological markers [Diversidad genética entre variedades autóctonas de alubia (*Phaseolus vulgaris* L.) en Grecia y cultivares comerciales: Componentes nutricionales, marcadores morfológicos y RAPD]. Spanish J. Agric. Res. 8:986-994

- Mavromatis AG, Arvanitoyannis IS, Nanos G, Sakellariou M, Ilanidis C, Korkovelos A (2010) Molecular fingerprinting of a new Kiwifruit cultivar (cv. Tsehelidis) and comparative analysis with cv. Hayward according to physicochemical properties. Sci. Hortic. 125:277-282

- Mente E (2010) Survival, food consumption and growth of Norway lobster (*Nephrops norvegicus*) kept in laboratory conditions. Integr. Zool. 5:256-263

- Mente E, Davidson I, Karapanagiotidis IT, Fountoulaki E, Nengas I (2010). Amino-acid analysis in the shore crab *Carcinus maenas* (Decapoda: Brachyura). J. Crust. Biol. 30:643-650

- Mente E, Martin JC, Tuck I, Kormas KA, Santos BM, Bailey N, Pierce GJ (2010) Mesoscale effects of aquaculture installations on benthic and epibenthic communities in four Scottish sea lochs. Aquat. Liv. Resour. 23:267-276

- Meziti A, Ramette A, Mente E, Kormas KA (2010) Temporal changes of the gut bacterial communities of the Norway lobster (*Nephrops norvegicus*). FEMS Microbiol. Ecol. 74:472-484

- Mironidis GK, Stamopoulos DC, Savopoulou-Soultani M (2010) Overwintering survival and spring emergence of *Helicoverpa armigera* (Lepidoptera: Noctuidae) in Northern Greece. Environ. Entomol. 39:1068-1084

- Moustaka-Gouni M, Kormas KA, Polykarpou P, Gkelis S, Bobori DC, Vardaka E (2010) Polyphasic evaluation of *Aphanizomenon issatschenkoi* and *Raphidiopsis mediterranea* in a Mediterranean lake. J. Plankton Res. 32:927-936

- Neofitou N, Vafidis D, Klaoudatos S (2010) Spatial and temporal effects of fish farming on benthic community structure in a semi-enclosed gulf of the Eastern Mediterranean. Aquacult. Environ. Interact. 1:95-105

- Pachiadaki M, Lykousis V, Stephanou EG, Kormas KA (2010) Prokaryotic community structure and diversity in the sediments of an active submarine mud volcano (Kazan MV, East Mediterranean Sea). FEMS Microbiol. Ecol. 72:429-444

- Petrotou A, Skordas K, Papastergios G, Filippidis A (2010) Concentrations and bioavailability of potentially toxic elements in an industrialised area of northwestern Greece. Fresen. Environ. Bull. 19:2769-2776

- Pita C, Dickey H, Pierce GJ, Mente E, Theodossiou I (2010) Willingness for mobility amongst European fishermen. J. Rural Stud. 26:308-319

- Psilovikos A, Margoni S (2010) An empirical model of sediment deposition processes in Lake Kerkini, Central Macedonia Greece. Environ. Monit. Assess. 164:573-592

- Polymeros K, Karelakis C, Kaimakoudi E (2010) A path analysis approach in investigating the performance of the Greek fisheries market. *Food Econ. Acta Agr. Scand. C* 7:128-138
- Rumbos CI, Stamopoulos D, Georgoulas G, Nikolopoulou E (2010) Factors affecting leaf litter decomposition by *Micropterna sequax* (Trichoptera: Limnephilidae). *Int. Rev. Hydrobiol.* 95:383-394
- Samaee S-M, Mente E, Estévez A, Giménez G, Lahnsteiner F (2010) Embryo and larva development in common dentex (*Dentex dentex*), a pelagophil teleost: The quantitative composition of egg-free amino acids and their interrelations. *Theriogenology* 73:909-919
- Sylaios GK, Koutroumanidis T, Tsikliras AC (2010) Ranking and classification of fishing areas using fuzzy models and techniques. *Fish. Managem. Ecol.* 17:240-253
- Skordas K, Pateras D, Papastergios G, Lolas A, Filippidis A (2010) Spatial distribution and concentrations of Fe, Mg, Co, Cr and Ni in topsoils of central Greece as affected by parent rocks. *Geochem. Mineral. Petrol. – Sofia* 48:95-102
- Tsangaris C, Kormas K, Stroggyloudi E, Hatzianestis I, Neofitou C, Andral B, Galgani F (2010) Multiple biomarkers of pollution effects in caged mussels on the Greek coastline. *Comp. Biochem. Physiol. C.* 151:369-378
- Tsarouhas PH, Arvanitoyannis IS (2010) Assessment of operation management for beer packaging line based on field failure data: A case study. *J. Food Engin.* 98:51-59
- Tsarouhas PH, Arvanitoyannis IS (2010) Reliability and maintainability analysis of bread production line. *Crit. Rev. Food Sci. Nutr.* 50:327-343
- Tsikliras AC, Antonopoulou E, Stergiou KI (2010) Spawning period of Mediterranean marine fishes. *Rev. Fish Biol. Fish.* 20:499-538
- Voultsiadou E, Kyrodinou M, Antoniadou C, Vafidis D. (2010) Sponge epibionts on ecosystem-engineering ascidians: The case of *Microcosmus sabatieri*. *Est. Coast. Shelf Sci.* 86:598-606

□□□□ 2009

- Antoniadou C, Vafidis D (2009) Population structure and morphometric relationships of *Paracentrotus lividus* (Echinodermata: Echinoidea) in the South Aegean Sea. *Cah. Biol. Mar.* 50:293-301
- Antoniadou C, Vafidis D (2009) Updated distribution of the holothuroid *Synaptula reciprocans* (Forsk., 1775) in the Mediterranean: does it follow shallow-water circulation patterns? *Aquat. Inv.* 4:361-363

- Arvanitoyannis IS (2009) Physico-chemical studies on a wide composition range of low-moisture glucose-fructose mixtures: Rates of crystallisation. *Int. J. Food Sci. Technol.* 44:197-205
- Arvanitoyannis IS, Mavromatis A (2009) Banana cultivars, cultivation practices, and physicochemical properties. *Crit. Rev. Food Sci. Nutr.* 49:113-135
- Arvanitoyannis IS, Varzakas TH (2009) Application of failure mode and effect analysis (FMEA) and cause and effect analysis in conjunction with ISO 22000 to a snails (*Helix aspersa*) processing plant: A case study. *Crit. Rev. Food Sci. Nutr.* 49:607-625
- Arvanitoyannis IS, Varzakas TH (2009) Application of failure mode and effect analysis (FMEA) and cause and effect analysis for industrial processing of common octopus (*Octopus vulgaris*) - Part II. *Int. J. Food Sci. Technol.* 44:79-92
- Arvanitoyannis IS, Varzakas TH (2009) Application of ISO 22000 and comparison with HACCP on industrial processing of common octopus (*Octopus vulgaris*) - Part I. *Int. J. Food Sci. Technol.* 44:58-78
- Arvanitoyannis IS, Varzakas TH (2009) Application of ISO 22000 and Failure Mode and Effect Analysis (FMEA) for industrial processing of salmon: A case study. *Crit. Rev. Food Sci. Nutr.* 48:411-429
- Arvanitoyannis IS, Vlachos A (2009) Maize authentication: Quality Control methods and multivariate analysis (chemometrics). *Crit. Rev. Food Sci. Nutr.* 49:501-537
- Arvanitoyannis IS, Palaikostas C, Panagiotaki P (2009) A comparative presentation of implementation of ISO 22000 versus HACCP and FMEA in a small size Greek factory producing smoked trout: A case study. *Crit. Rev. Food Sci. Nutr.* 49:176-201
- Arvanitoyannis IS, Stratakis AC, Tsarouhas P (2009) Irradiation applications in vegetables and fruits: A review. *Crit. Rev. Food Sci. Nutr.* 49:427-462
- Dalezios NR, Bampzelis D, Domenikiotis C (2010) An integrated methodological procedure for alternative drought mitigation in Greece. *Eur. Wat.* 27/28:53-75
- Demiri A, Meziti A, Papaspyrou S, Thesslou-Legaki M, Kormas KA (2009) Abdominal setae and midgut Bacteria of the mudshrimp *Pestarella tyrrhena*. *Cent. Eur. J. Biol.* 4:558-566
- Dona A, Arvanitoyannis IS (2009) Health risks of genetically modified foods. *Crit. Rev. Food Sci. Nutr.* 49:164-175
- Genitsaris S, Kormas KA, Moustaka-Gouni M (2009) Microscopic eukaryotes living in a dying lake (Lake Koronia, Greece). *FEMS Microbiol Ecol* 69:75-83
- Kormas KA, Tamaki H, Hanada S, Kamagata Y (2009) Apparent richness and community composition of Bacteria and Archaea in geothermal springs. *Aquat Microb Ecol* 57:113-122
- Koutrakis ET, Tsikliras A (2009) Reproductive biology of the marbled goby, *Pomatoschistus marmoratus* (Pisces, Gobiidae), in a northern Aegean estuarine system (Greece). *Folia Zool.* 58:447-456
- Leonardos ID, Tsikliras AC, Batzakas I, Ntakos A, Lioucia V (2009) Life-history characteristics of the endangered Aristotle's catfish (*Silurus aristotelis* Garman, 1890), Lake Pamvotis, north-western Greece. *J. Appl. Ichthyol.* 25:746-751
- Mantzafleri N, Psilovikos A, Blanta A (2009) Water quality monitoring and modeling in Lake Kastoria, using GIS. assessment and management of pollution sources. *Wat. Resour.*

Manag. 23:3221-3254

- Meintanis C, Chalkou KI, Kormas KA, Lymperopoulou DS, Katsifas SA, Karagouni AD (2009) The use of trpB gene in resolving phylogenetic diversity within the group of *Streptomyces*. *Curr. Trends Microbiol.* 5:37-46

- Mente E, Karapanagiotidis IT, Logothetis P, Vafidis D, Malandrakis E, Neofitou N, Exadactylos A, Stratakos A (2009) The reproductive cycle of Norway lobster. *J. Zool.* 278:324-332

- Moustaka-Gouni M, Kormas KA, Vardaka E, Katsiapi M, Gkelis S (2009) *Raphidiopsis mediterranea*

SKUJA represents non-heterocytous life-cycle stages of *Cylindrospermopsis raciborskii*

(WOLOSZYNSKA) SEENAYYA et SUBBA RAJU in Lake Kastoria (Greece), its type locality: evidence by morphological and phylogenetic analysis. *Harmful Algae* 8:864-872

- Papachristos DP, Stamopoulos DC (2009) Sublethal effects of three essential oils on the development, longevity and fecundity of *Acanthoscelides obtectus* (say) (Coleoptera: Bruchidae). *Hell. Plant Prot. J.* 2:91-99

- Psilovikos A, Sentas A (2009) Comparison and assessment of the monitoring data of two REMOS stations in Nestos and Pagoneri for the year 2004. The base for an integrated water management. *Desalination* 248:1016-1028

- Stamatis N, Vafidis D (2009) Effect of marinating and vacuum storage at 6 °c on the fate of chemical, microbial and sensory quality indices of echinoid gonads *Paracentrotus lividus* Lamark, 1816. *Int. J. Food Sci. Technol.* 44:1626-1633

- Tsarouhas PH, Arvanitoyannis IS, Ampatzis ZD (2009) A case study of investigating reliability and maintainability in a Greek juice bottling medium size enterprise (MSE). *J. Food Engin.* 95:479-488

- Tsarouhas PH, Arvanitoyannis IS, Varzakas TH (2009) Reliability and maintainability analysis of cheese (feta) production line in a Greek medium-size company: A case study. *J. Food Engin.* 94:233-240

- Tsarouhas PH, Varzakas TH, Arvanitoyannis IS (2009) Reliability and maintainability analysis of strudel production line with experimental data - A case study. *J. Food Engin.* 91:250-259

- Tsikliras AC, Koutrakis ET, Sylaios GK, Kallianiotis AA (2009) Summer distribution of fish larvae in northern Aegean Sea. *J. Mar. Biol. Assoc. U.K.* 89:1137-1146

- Tsiros E, Domenikiotis C, Dalezios NR (2009) Sustainable production zoning for agroclimatic classification using GIS and remote sensing. *Idojaras* 113:55-68

- Tsiros E, Domenikiotis C, Dalezios NR (2009) Assessment of cotton phenological stages using agroclimatic indices: An innovative approach. *Ital. J. Agrometeor.* 14:50-55

- Vafidis D (2009) First record of *Leptogorgia sarmentosa* (Octocorallia: Gorgoniidae) from the eastern Mediterranean Sea. *Mar. Biodiv. Rec.* 2:e17

- Vafidis D., Kallianiotis A, Chartosia N, Koukouras A (2009) The Sepioidea (Cephalopoda, Mollusca) fauna of the Aegean Sea: Comparison with the neighbouring seas and notes on their diet composition. *J. Biol. Res.* 11:57-71

- Vanreusel A, Andersen AC, Boetius A, Connelly D, Decker C, Heeschen K, Hilario A,

Kormas KA, Maignien L, Olu K, Pachiadaki M, Ritt B, Rodrigues C, Sarrazin J, Tyler P, van Gaever S, Vanneste H (2009) Biodiversity of cold seep ecosystems along European margins. *Oceanography* 22:110-127

- Varzakas TH, Arvanitoyannis IS (2009) Application of failure mode and effect analysis and cause and effect analysis on processing of ready to eat vegetables - Part II. *Int. J. Food Sci. Technol.* 44:932-939

□□□□ 2008

- Antoniadou C, Vafidis D (2008) First assessment of *Microcosmus sabatieri* (Tunicata: Ascidiacea) small-scale artisanal fishery in the South Aegean Sea (Eastern Mediterranean). *Cah. Biol. Mar.* 49:97-100

- Arvanitoyannis IS (2008) Chapter 2. International regulations on food contaminants and residues. *Compr. Anal. Chem.* 51:29-76

- Arvanitoyannis IS, Kassaveti A (2008) Fish industry waste: Treatments, environmental impacts, current and potential uses. *Int. J. Food Sci. Technol.* 43:726-745

- Arvanitoyannis IS, Ladas D (2008) Meat waste treatment methods and potential uses. *Int. J. Food Sci. Technol.* 43:543-559

- Arvanitoyannis IS, Mavromatis AG, Grammatikaki-Avgeli G, Sakellariou M (2008) Banana: Cultivars, biotechnological approaches and genetic transformation. *Int. J. Food Sci. Technol.* 43:1871-1879

- Arvanitoyannis IS, Stratakis A, Mente E (2008) Impact of irradiation on fish and seafood shelf life: A comprehensive review of applications and irradiation detection. *Crit. Rev. Food Sci. Nutr.* 49:68-112

- Arvanitoyannis IS, Tserkezou P (2008) Corn and rice waste: A comparative and critical presentation of methods and current and potential uses of treated waste. *Int. J. Food Sci. Technol.* 43:958-988

- Arvanitoyannis IS, Tserkezou P (2008) Wheat, barley and oat waste: A comparative and critical presentation of methods and potential uses of treated waste. *Int. J. Food Sci. Technol.* 43:694-725

- Arvanitoyannis IS, Varzakas TH (2008) Vegetable waste treatment: Comparison and critical presentation of methodologies. *Crit. Rev. Food Sci. Nutr.* 48:205-247

- Arvanitoyannis IS, Vaitis O, Mavromatis A (2008) Physico-chemical and sensory attributes in conjunction with multivariate analysis of two potato (*Solanum tuberosum* L.) cultivars after 90 days of storage: An exploratory authentication study. *Int. J. Food Sci. Technol.* 43:1960-1970

- Arvanitoyannis IS, Vaitsi O, Mavromatis A (2008) Potato: A comparative study of the effect of cultivars and cultivation conditions and genetic modification on the physico-chemical properties of potato tubers in conjunction with multivariate analysis towards authenticity. *Crit. Rev. Food Sci. Nutr.* 48:799-823
- Dalby AP, Kormas KA, Christaki U, Karayanni H (2008) Cosmopolitan heterotrophic microeukaryotes are active bacterial grazers in experimental oil-polluted system. *Environ. Microbiol.* 10:47-56
- Hadjichristodoulou C, Mouchtouri V, Varzakas T, Arvanitoyannis I, Kremastinou J (2008) Standardized inspections of food premises during the 2004 Athens Olympic Games: Descriptive analysis and risk factors for unsatisfactory results. *J. Food Prot.* 71:1632-1640
- Kanellou E, Domenikiotis C, Blanta A, Hondronikou E, Dalezios NR (2008) Index-based drought assessment in semi-arid areas of Greece based on conventional data. *Eur. Wat. J.* 23/24:87-98
- Kanellou E, Domenikiotis C, Tsiros E, Dalezios NR (2008) Satellite-based drought estimation in Thessaly. *Eur. Wat. J.* 23/24:111-122
- Kormas KA, Meziti A, Dählmann A, de Lange GJ, Lykousis V (2008) Characterization of methanogenic and prokaryotic assemblages based on *mcrA* and 16S rRNA gene diversity in sediments of the Kazan Mud Volcano (Mediterranean Sea). *Geobiology* 6:450-460
- Meintanis C, Chalkou K, Kormas KA, Lympelopoulou DS, Katsifas EA, Hatzinikolaou D, Karagouni AD (2008) Application of *rpoB* sequence similarity analysis, REP-PCR and BOX-PCR for the differentiation of species within the genus *Geobacillus*. *Lett. Appl. Microbiol.* 46:395-401
- Mente E, Pierce GJ, Spencer NJ, Martin JC, Karapanagiotidis IT, Santos MB, Wang J, Neofitou C (2008) Diet of demersal fish species in relation to aquaculture development in Scottish sea lochs. *Aquaculture* 277:263-274
- Neofitou N, Klaoudatos S (2008) Effect of fish farming on the water column nutrient concentration in a semi-enclosed gulf of the Eastern Mediterranean. *Aquacult. Res.* 39:482-490
- Polymeros K, Katrakilidis C (2008) The dynamic characteristics of competitiveness in the E.U fish market. *Int. J. Econ. Issues* 1:25-42
- Psilovikos A (2008) Stability analysis of an implicit finite difference scheme of the governing differential equation used by groundwater model modflow. *J. Inst. Math. Comp. Sci. Math. Series* 21:21-32
- Stamatis N, Arkoudelos J, Vafidis D (2008) Differences in chemical, microbial and sensory quality parameters of the marinated ascidia *Microcosmus sabatieri* Roule, 1885 during storage at 6 °c under vacuum conditions. *Int. J. Food Sci. Technol.* 43:1705-1713
- Tsikliras AC (2008) Climate-related geographic shift and sudden population increase of a small pelagic fish (*Sardinella aurita*) in the eastern Mediterranean Sea. *Mar. Biol. Res.* 4:477-481
- Vafidis D, Antoniadou C, Chintiroglou C (2008) Population dynamics, allometric relationships and reproductive status of *Microcosmus sabatieri* (Tunicata: Ascidiacea) in the Aegean Sea. *J. Mar. Biol. Assoc. U.K.* 88:1043-1051
- Vafidis D, Leontarakis PK, Dailianis T, Kallianiotis A (2008) Population characteristics of

four deep-water pandalid shrimps (Decapoda: Caridea) in the northern Aegean Sea (NE Mediterranean). *J. Nat. Hist.* 42:2079-2093

- Varzakas TH, Arvanitoyannis IS (2008) Application of ISO22000 and comparison to HACCP for processing of ready to eat vegetables: Part I. *Int. J. Food Sci. Technol.* 43:1729-1741

- Varzakas TH, Roussos S, Arvanitoyannis IS (2008) Glucoamylases production of *Aspergillus niger* in solid state fermentation using a continuous counter-current reactor. *Int. J. Food Sci. Technol.* 43:1159-1168

- Vlachos A, Arvanitoyannis IS (2008) A review of rice authenticity/adulteration methods and results. *Crit. Rev. Food Sci. Nutr.* 48:553-598

- Voultsiadou E, Vafidis D, Antoniadou C (2008) Sponges of economical interest in the Eastern Mediterranean: An assessment of diversity and population density. *J. Nat. Hist.* 42:529-543

□□□□ 2007

- Arvanitoyannis IS, Kassaveti A (2007) Current and potential uses of composted olive oil waste. *Int. J. Food Sci. Technol.* 42:281-295

- Arvanitoyannis IS, Varzakas TH (2007) A conjoint study of quantitative and semi-quantitative assessment of failure in a strudel manufacturing plant by means of FMEA and HACCP, Cause and Effect and Pareto diagram. *Int. J. Food Sci. Technol.* 42:1156-1176

- Arvanitoyannis IS, Varzakas TH (2007) Application of failure mode and effect analysis (FMEA), cause and effect analysis and Pareto diagram in conjunction with HACCP to a potato chips manufacturing plant. *Int. J. Food Sci. Technol.* 42:1424-1442

- Arvanitoyannis IS, Vlachos A (2007) Implementation of physicochemical and sensory analysis in conjunction with multivariate analysis towards assessing olive oil authentication/adulteration. *Crit. Rev. Food Sci. Nutr.* 47:441-498

- Arvanitoyannis IS, Savelides SC (2007) Application of failure mode and effect analysis and cause and effect analysis and Pareto diagram in conjunction with HACCP to a chocolate-producing industry: A case study of tentative GMO detection at pilot plant scale. *Int. J. Food Sci. Technol.* 42:1265-1289

- Arvanitoyannis IS, Kassaveti A, Stefanatos S (2007) Olive oil waste treatment: A comparative and critical presentation of methods, advantages disadvantages. *Crit. Rev. Food Sci. Nutr.* 47:187-229

- Arvanitoyannis IS, Kassaveti A, Stefanatos S (2007) Current and potential uses of thermally treated olive oil waste. *Int. J. Food Sci. Technol.* 42:852-867

- Arvanitoyannis IS, Vaitis OB (2007) A review on tomato authenticity: Quality control

methods in conjunction with multivariate analysis (chemometrics). Crit. Rev. Food Sci. Nutr. 47:675-699

- Arvanitoyannis IS, Mavromatis A, Rodiatis A, Goulas C (2007) Physicochemical and sensory analysis of dry bean landraces in conjunction with multivariate analysis: An exploratory approach. Int. J. Food Sci. Technol. 42:819-826

- Exadactylos A, Rigby MJ, Geffen AJ, Thorpe JP (2007) Conservation aspects of natural populations and captive-bred stocks of turbot (

Scophthalmus maximus

) and

Dover

sole (

Solea solea

) using estimates of genetic diversity.

ICES J. Mar. Sci. 64:1173-1181

- Mavromatis AG, Arvanitoyannis IS, Chatzitheodorou VA, Khah EM, Korkovelos AE, Goulas CK (2007) Landraces versus commercial common bean cultivars under organic growing conditions: A comparative study based on agronomic performance and physicochemical traits. Eur. J. Hort. Sci. 72:214-219

- Mente E, Pantazis P, Neofitou C, Aifanti S, Santos MB, Bagiatis V, Papapanagiotou E, Kourkouta V, Soutsas K (2007) Socioeconomic interactions of fisheries and aquaculture in Greece: A case study of South Evoikos Gulf. Aquacult. Econ. Manag. 11:313-334

- Meziti A, Kormas KA, Pancucci-Papadopoulou MA, Thessalou-Legaki M (2007) Bacterial phylotypes associated with the intestinal tract of the sea urchin *Paracentrotus lividus* and the ascidian

Microcosmus

sp. Russ. J. Mar. Biol. 33:84-91

- Psochiou E, Mamuris Z, Panagiotaki P, Kouretas D, Moutou KA (2007) The response of digestive proteases to abrupt salinity decrease in the euryhaline sparid *Sparus aurata* L. Comp. Biochem. Physiol. B Biochem. Mol. Biol. 147:156-163

- Stamopoulos DC, Damos P, Karagianidou G (2007) Bioactivity of five monoterpenoid vapours to *Tribolium confusum* (du Val) (Coleoptera: Tenebrionidae). J. Stor. Prod. Res. 43:571-577

- Stasinou K, Neofitou C, Pantazis P, Psilovikos A, Neofitou N, Lolas P (2007) Ecohydrological gradients affecting the abundance and biodiversity of macro-invertebrates in the estuarine system of Sperchios River, Central Greece. Fresen. Environ. Bullet. 16(9A):1030-1042

- Varzakas TH, Arvanitoyannis IS (2007) Application of Failure Mode and Effect Analysis (FMEA), cause and effect analysis, and pareto diagram in conjunction with HACCP to a corn curl manufacturing plant. Crit. Rev. Food Sci. Nutr. 47:363-387

- Varzakas TH, Arvanitoyannis IS, Baltas H (2007) The politics and science behind GMO acceptance. Crit. Rev. Food Sci. Nutr. 47:335-361

- Voultsiadou E, Vafidis D (2007) Marine invertebrate diversity in Aristotle's zoology. Contrib. Zool. 76:103-120

{tab=2002 - 2006|grey}

□□□□ 2006

- Arvanitoyannis IS, Giakoundis A (2006) Current strategies for dairy waste management: A review. Crit. Rev. Food Sci. Nutr. 46:379-390
- Arvanitoyannis I, Krystallis A (2006) An empirical examination of the determinants of honey consumption in Romania. Int. J. Food Sci. Technol. 41:1164-1176
- Arvanitoyannis IS, Choreftaki S, Tserkezou P (2006) Presentation and comments on EU legislation related to food industries-environment interactions: Sustainable development, and protection of nature and biodiversity - Genetically modified organisms. Int. J. Food Sci. Technol. 41:813-832
- Arvanitoyannis IS, Ladas D, Mavromatis A (2006) Potential uses and applications of treated wine waste: A review. Int. J. Food Sci. Technol. 41:475-487
- Arvanitoyannis IS, Ladas D, Mavromatis A (2006) Wine waste treatment methodology. Int. J. Food Sci. Technol. 41:1117-1151
- Arvanitoyannis IS, Tserkezou P, Choreftaki S (2006) Presentation and comments on EU legislation related to food industries-environment interactions: Organic contaminants (chemicals, pesticides, dioxins, furans, biocides and their waste management). Int. J. Food Sci. Technol. 41:833-853
- Arvanitoyannis IS, Tserkezou P, Choreftaki S (2006) Presentation and comments on EU legislation related to food industries - Environment interactions and waste management. Int. J. Food Sci. Technol. 41(SUPPL. 1):96-129
- Arvanitoyannis IS, Tserkezou P, Varzakas T (2006) An update of US food safety, food technology, GM food and water protection and management legislation. Int. J. Food Sci.

Technol. 41(SUPPL. 1):130-159

- Botonaki A, Polymeros K, Tsakiridou E, Mattas K (2006) The role of food quality certification on consumers' food choices. *Brit. Food J.* 108:77-90
- Dimou G (2006) Connection on non-symmetric homogeneous bounded domains. *J. Inst. Math. Comput. Sci. Math. Ser.* 19:141–152
- Dimou G, Mitsios G (2006) Classification of Siegel domains genus II in $C(n(n+1)/2)+1$. *J. Inst. Math. Comput. Sci. Math. Ser.* 19:105–113
- Georgoulakis IE, Petridou E, Filousis G, Alexopoulos C, Kyriakis SC, Papatsas I (2006) Meloxicam as adjunctive therapy in treatment and control of porcine respiratory disease complex in growing pigs. *J. Swine Health Prod.* 14:253-257
- Klaoudatos SD, Klaoudatos DS, Smith J, Bogdanos K, Papageorgiou E (2006) Assessment of site specific benthic impact of floating cage farming in the eastern Hios island, Eastern Aegean Sea, Greece. *J. Exp. Mar. Biol. Ecol.* 338:96-111
- Kormas KA, Tivey MK, von Damm K, Teske A (2006) Bacterial and archaeal phylotypes associated with distinct mineralogical layers of a white smoker spire from a deep-sea hydrothermal vent site (9°N, East Pacific Rise). *Environ. Microbiol.* 8:909-920
- Krystallis A, Arvanitoyannis IS (2006) Investigating the concept of meat quality from the consumers' perspective: The case of Greece. *Meat Sci.* 72:164-176
- Krystallis A, Arvanitoyannis I, Chryssohoidis G (2006) Is there a real difference between conventional and organic meat? Investigating consumers' attitudes towards both meat types as an indicator of organic meat's market potential. *J. Food Prod. Market.* 12:47-78
- Krystallis A, Petrovici D, Arvanitoyannis IS (2006) From commodities to the consumption of quality foods in Eastern European context: An empirical examination of the determinants of consumer behavior towards honey. *J. East-West Busin.* 12:5-37
- Machias A, Giannoulaki M, Somarakis S, Maravelias CD, Neofitou C, Koutsoubas D, Papadopoulou KN, Karakassis I (2006) Fish farming effects on local fisheries landings in oligotrophic seas. *Aquaculture* 261:809-816
- McCausland WD, Mente E, Pierce GJ, Theodossiou I (2006) A simulation model of sustainability of coastal communities: Aquaculture, fishing, environment and labour markets. *Ecol. Modell.* 193:271-294
- Meintanis C, Chalkou K, Kormas KA, Karagouni A (2006) Biodegradation of crude oil by thermophilic bacteria isolated from a volcano island. *Biodegradation* 17:105-111
- Mente E, Pierce GJ, Santos MB, Neofitou C (2006) Effect of feed and feeding in the culture of salmonids on the marine aquatic environment: A synthesis for European aquaculture. *Aquacult. Int.* 14:499-522
- Michailidis A, Polymeros K, Loizou E (2006) Biologic olive oil quality: an illustration of consumers' perception. *Int. Rev. Appl. Econ. Res.* 1:35-43
- Moustaka-Gouni M, Vardaka E, Michaloudi E, Kormas KA, Tryfon E, Mihalatou H, Gkelis S, Lanaras T (2006) Plankton food web structure in a eutrophic polymictic lake with a history in toxic cyanobacterial blooms. *Limnol. Oceanogr.* 51:715-727
- Moutou KA, Panagiotaki P, Mamuris Z (2006) Effects of salinity on digestive protease activity in the euryhaline sparid *Sparus aurata* L.: A preliminary study. *Aquacult. Res.* 35:912-914
- Nicolaidou A, Petrou K, Kormas KA, Reizopoulou S (2006) Yearly variability of soft bottom macrofaunal communities in two Ionian Sea lagoons. *Hydrobiologia* 555:89-98
- Papaevaggelou G, Psilovikos A, Ioannidis D (2006) Error analysis of hydrostatic force

measurements. WSEAS Trans. Fluid Mech. 1:156-163

- Psilovikos A (2006) Response matrix minimization used in groundwater management with mathematical programming: A case study in a transboundary aquifer in Northern Greece. Wat. Resour. Manag. 20:277-290

- Psilovikos A (2006) Analysis of the governing partial differential equation of modflow simulation model with two algorithms of backward differences. J. Inst. Math. Comp. Sci. Math. Series 19:21-32

- Psilovikos A, Margoni S, Psilovikos A (2006) Simulation and trend analysis of the water quality monitoring daily data in Nestos River Delta. Contribution to the sustainable management and results for the years 2000-2002. Environ. Monit. Assess. 116:543-562

- Santos MB, Pierce GJ, López A, Reid RJ, Ridoux V, Mente E (2006) Pygmy sperm whales *Kogia breviceps* in the Northeast Atlantic: New information on stomach contents and strandings. Mar. Mamm. Sci. 22:600-616

□□□□ 2005

- Arvanitoyannis IS, Krystallis A (2005) Consumers' beliefs, attitudes and intentions towards genetically modified foods, based on the 'perceived safety vs. benefits' perspective. Int. J. Food Sci. Technol. 40:343-360

- Arvanitoyannis IS, Traikou A (2005) A comprehensive review of the implementation of Hazard Analysis Critical Control Point [HACCP] to the production of flour and flour-based products. Crit. Rev. Food Sci. Nutr. 45:327-370

- Arvanitoyannis IS, Chalhoub C, Gotsiou P, Lydakis-Simantiris N, Kefalas P (2005) Novel quality control methods in conjunction with chemometrics (multivariate analysis) for detecting honey authenticity. Crit. Rev. Food Sci. Nutr. 45:193-203

- Arvanitoyannis IS, Choreftaki S, Tserkezou P (2010) An update of EU legislation (Directives and Regulations) on food-related issues (safety, hygiene, packaging, technology, GMOs, additives, radiation, labelling): Presentation and comments. Int. J. Food Sci. Technol. 40:1021-1112

- Arvanitoyannis IS, Khah EM, Christakou EC, Bietsos FA (2005) Effect of grafting and modified atmosphere packaging on eggplant quality parameters during storage. Int. J. Food Sci. Technol. 40:311-322

- Arvanitoyannis IS, Tsitsika EV, Panagiotaki P (2005) Implementation of quality control

methods (physicochemical, microbiological and sensory) in conjunction with multivariate analysis towards fish authenticity. *Int. J. Food Sci. Technol.* 40:237-263

- Arvanitoyannis IS, Van Houwelingen-Koukaliaroglou M (2005) Functional foods: A survey of health claims, pros and cons, and current legislation. *Crit. Rev. Food Sci. Nutr.* 45:385-404

- Domenikiotis C, Spiliotopoulos M, Tsiros E, Dalezios NR (2005) Remotely sensed estimation of annual cotton production under different environmental conditions in Central Greece. *Phys. Chem. Earth* 30(1-3 SPEC. ISS.):45-52

- Katrakilidis C, Mattas K, Polymeros K (2005) 'Structural changes and trend behaviour of the european cotton market'. *Int. J. Econ. Res.* 2:207-215

- Loukas A, Vasiliades L, Domenikiotis C, Dalezios NR (2005) Basin-wide actual evapotranspiration estimation using NOAA/AVHRR satellite data. *Phys. Chem. Earth* 30(1-3 SPEC. ISS.):69-79

- Machias A, Giannoulaki M, Somarakis S, Maravelias CD, Neofitou C, Koutsoubas D, Papadopoulou KN, Karakassis I (2006) Fish farming effects on local fisheries landings in oligotrophic seas. *Aquaculture* 261:809-816

- Neofitou C, Dimitriadis A, Pantazis P, Psilovikos A, Neofitou N, Paleokostas A (2005) Self-purification of a long-stretched gully affects the restoration of an alpine-type lake in northern Greece. *Fresen. Environ. Bull.* 14(12 A):1141-1149

- Petihakis G, Triantafyllou G, Pollani A, Koliou A, Theodorou A (2005) Field data analysis and application of a complex water column biogeochemical model in different areas of a semi-enclosed basin: Towards the development of an ecosystem management tool. *Mar. Environ. Res.* 59:493-518

- Psilovikos A, Margoni S, Psilovikos A (2005) Monitoring water quality parameters of the transboundary River Nestos. *Am. J. Appl. Sci.* 2:759-762

- Vafidis D, Politou C-Y, Carbonell A, Company JB (2005) A review of the biology and fisheries of the genus *Plesionika* Bate, 1888 (Decapoda, Caridea, Pandalidae) in European waters. *Crustaceana* 78:335-352

□□□□ 2004

- Arvanitoyannis IS, Krystallis A, Panagiotaki P, Theodorou AJ (2004) A marketing survey on Greek consumers' attitudes towards fish. *Aquacult. Int.* 12:259-279

- Alexopoulos C, Georgoulakis IE, Tzivara A, Kyriakis CS, Govaris A, Kyriakis SC (2004) Field evaluation of the effect of a probiotic-containing *Bacillus licheniformis* and *Bacillus subtilis* spores on the health status, performance, and carcass quality of grower and finisher pigs. *J. Vet. Med. A* 51:306-312

- Alexopoulos C, Georgoulakis IE, Tzivara A, Kritas SK, Siochu A, Kyriakis CS (2004) Field evaluation of the efficacy of a probiotic containing *Bacillus licheniformis* and *Bacillus subtilis* spores, on the health status and performance of sows and their litters. *J. Anim. Physiol. Anim. Nutr.* 88:381-392
- Dimou G (2004) Applications of connection between differential equations and differential geometry. *J. Inst. Math. Comput. Sci. Math. Ser.* 17:197-206
- Domenikiotis C, Spiliotopoulos M, Tsiros E, Dalezios NR (2004) Early cotton production assessment in Greece based on a combination of the drought Vegetation Condition Index (VCI) and the Bhalme and Mooley Drought Index (BMDI). *Int. J. Rem. Sens.* 25:5373-5388
- Domenikiotis C, Spiliotopoulos M, Tsiros E, Dalezios NR (2004) Early cotton yield assessment by the use of the NOAA/AVHRR derived Vegetation Condition Index (VCI) in Greece. *Int. J. Rem. Sens.* 25:2807-2819
- Domenikiotis C, Spiliotopoulos M, Tsiros E, Dalezios NR (2004) Remotely-Sensed innovative approach for the cumulative meteorological effects on cotton production. *Proc. SPIE - Int. Soc. Opt. Engin.* 5232:151-161
- Ganas K, Somarakis S, Machias A, Theodorou A (2004) Pattern of oocyte development and batch fecundity in the Mediterranean sardine. *Fish. Res.* 67:13-23
- Klaoudatos SD, Iakovopoulos G, Klaoudatos DS (2004) *Pagellus erythrinus* (common pandora): A promising candidate species for enlarging the diversity of aquaculture production. *Aquacult. Int.* 12:299-320
- Loukas A, Vasiliades L, Dalezios NR (2004) Climate change implications on flood response of a mountainous watershed. *Wat. Air Soil Pollut. Focus* 4:331-347
- Loukas A, Vasiliades L, Domenikiotis C, Dalezios NR (2004) Water balance of forested mountainous watersheds using satellite derived actual evapotranspiration. *Proc. SPIE - Int. Soc. Opt. Engin.* 5232:456-466
- Pantazis PA, Neofitou CN (2004) Digestibility of nutrients and energy in diets for the African catfish *Clarias gariepinus* (Burchell 1822) *Isr. J. Aquacult. Bamidgeh* 56:176-187
- Papachristos DP, Stamopoulos DC (2004) Fumigant toxicity of three essential oils on the eggs of *Acanthoscelides obtectus* (Say) (Coleoptera: Bruchidae). *J. Stored Prod. Res.* 40:517-525
- Psilovikos A, Tzimopoulos C (2004) Comparison of Quadratic and Non-Linear programming (QP and NLP) optimization models (QP and NLP) in groundwater management. *J. Hydroinform.* 6:175-185
- Spyridaki M-H E, Georgoulakis I, Kouretas D, Konstantinidou M, Georgakopoulos CG (2004) Determination of xylazine and its metabolites by GC-MS in equine urine for doping analysis. *J. Pharm. Biomed. Anal.* 35:107-116

- Domenikiotis C, Loukas A, Dalezios NR (2003) The use of NOAA/AVHRR satellite data for monitoring and assessment of forest fires and floods. *Natur. Haz. Earth Syst.* 3:115-128
- Exadactylos A, Geffen AJ, Panagiotaki P, Thorpe JP (2003) Population structure of Dover sole *Solea solea*: RAPD and allozyme data indicate divergence in European stocks. *Mar. Ecol. Prog. Ser.* 246:253-264
- Ganas K, Somarakis S, Koutsikopoulos C, Machias A, Theodorou A (2003) Ovarian atresia in the Mediterranean sardine, *Sardina pilchardus sardine*. *J. Mar. Biol. Assoc. U.K.* 83:1327-1332
- Ganas K, Somarakis S, Machias A, Theodorou AJ (2003) Evaluation of spawning frequency in a Mediterranean sardine population (*Sardina pilchardus sardina*). *Mar. Biol.* 142:1169-1179
- Kyriakis SC, Georgoulakis I, Spais A, Alexopoulos C, Miliotis CC, Kritas SK (2003) Evaluation of toyocerin, a probiotic containing *Bacillus toyoi* spores, on health status and productivity of weaned, growing and finishing pigs. *Asian-Austral. J. Anim. Sci.* 16:1326-1331
- Maravelias CD, Haralabous J, Papaconstantinou C (2003) Predicting demersal fish species distributions in the Mediterranean Sea using artificial neural networks. *Mar. Ecol. Prog. Ser.* 255:249-258
- Maravelias CD, Papaconstantinou C (2003) Size-related habitat use, aggregation patterns and abundance of anglerfish (*Lophius budegassa*) in the Mediterranean Sea determined by generalized additive modelling. *J. Mar. Biol. Assoc. UK* 83:1171-1178
- Pantazis PA, Neofitou CN (2003) Feeding frequency and feed intake in the African catfish *Clarias gariepinus* (Burchell 1822). *Isr. J. Aquacult. Bamidgeh* 55:160-168

□□□□ 2002

- Domenikiotis C, Dalezios NR, Loukas A, Karteris M (2002) Agreement assessment of NOAA/AVHRR NDVI with landsat TM NDVI for mapping burned forested areas. *Int. J. Remote Sens.* 23:4235-4246
- Loukas A, Vasiliades L, Dalezios NR (2002) Potential climate change impacts on flood producing mechanisms in southern British Columbia, Canada using the CGCMa1 simulation results. *J. Hydrology* 259:163-188
- Loukas A, Vasiliades L, Dalezios NR (2002) Hydroclimatic variability of regional droughts in Greece using the Palmer Moisture Anomaly Index. *Nordic Hydrology J.* 35:425-442
- Loukas A, Vasiliades L, Dalezios NR (2002) Climatic impacts on the runoff generation

processes in British Columbia, Canada. Hydrology Earth Syst. Sci. 6:211-227

- Dalezios NR, Loukas A, Bampzelis D (2002) Spatial variability of reference evapotranspiration in Greece. Physics Chem. Earth 27:1031-1038

- Dalezios NR, Loukas A, Bampzelis D (2002) Universal Kriging of hail impact energy in Greece. Phys. Chem. Earth 27:1039-1043

- Dalezios NR, Loukas A, Bampzelis D (2002) Assessment of NDVI and agrometeorological indices for major crops in central Greece. Phys. Chem. Earth 27:1025-1029

- Dalezios NR, Loukas A, Bampzelis D (2002) The role of agrometeorological and agrohydrological indices in the phenology of wheat in central Greece. Phys. Chem. Earth 27:1019-1023

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