



**Amalia Pérez Jiménez**

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## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

My research career has been evolving positively by enjoying different predoctoral and postdoctoral grants and contracts, including different positions at companies and national and international universities. In this sense, during my research career, I improved my skills and knowledge in several foreign research institutions such as the University of Porto (Portugal) and the Hellenic Center of Marine Research (Greece) during my predoctoral period, and at the CIIMAR-Interdisciplinary Centre of Marine and Environmental Research (Portugal), Biomaslinic S.L. and University of Granada during my postdoctoral period. As a result, a productive research work focused on the study of nutrition, physiology and biochemistry of fish besides in the use of natural compounds to improve both animal and human health, has been reflected on the publication of 35 scientific papers (28 in the last 5 years, 7 in the last year 2016 and 1 in 2017) in indexed peer-review journals, over half within the first quartile in the area concerned, 14 as first author (9 in the last 5 years) and with a personal h-index improved from 9 to 11 in the last year. It must be highlighted that many of these articles are results of the collaboration with universities and research institutions from different countries including Spain, Portugal, France, Iran, Morocco, Mexico and Venezuela. Additionally, two books and two book chapters in different relevant editorials (i.e. Wiley-Blackwell) must be also highlighted. Nowadays, my research line includes other animal species than fish, with the aim of enhancing their production, but also it is focused on the use of natural products with relevant bioactivities that might improve the animal and human welfare and health. Additionally, my research is contributing to the sustainable and environment-friendly production by recovering value from by-products of habitual agricultural production systems, such as olive oil production. Moreover, I have participated in numerous national and international congresses, both with oral and poster presentations. As a direct consequence of my expertise, I have directed two research projects, in the Universities of Porto and Granada, and participate in 9 international and 6 national projects. By other hand, the teaching assignments (national or international) joined to the supervision of student research works (including 1 PhD thesis, 17 final Master projects at the University Master in Agricultural Biology and Aquaculture, University Master in Research, Development, Control and Innovation of Medicines and University Master in Biotechnology and 12 final Degree projects in Environmental Sciences, Biochemistry and Biology Degrees), are an important reflection of my ability to manage and lead not only the teaching process but also projects in my research area.



## Amalia Pérez Jiménez

Surname(s): **Pérez Jiménez**  
Name: **Amalia**  
DNI: **74647417C**  
ORCID: **0000-0002-9971-8623**  
ScopusID: **7003925265**  
ResearcherID: **A-4778-2010**  
Date of birth: **14/11/1978**  
Gender: **Female**  
Nationality: **Spain**  
Country of birth: **Spain**  
Aut. region/reg. of birth: **Andalusia**  
Contact province: **Granada**  
City of birth: **Granada**  
Contact address: **Campus Fuentenueva s/n**  
Postcode: **18071**  
Contact country: **Spain**  
Contact aut. region/reg.: **Andalusia**  
Contact city: **Granada**  
Land line phone: **(0034) 958249843**  
Email: **calaya@ugr.es**

### Current professional situation

**Employing entity:** Universidad de Granada      **Type of entity:** University  
**Department:** Zoología, Facultad de Ciencias  
**Professional category:** Profesora Contratada Doctora  
**Start date:** 01/06/2017  
**Type of contract:** Permanent employment contract      **Dedication regime:** Full time  
**Primary (UNESCO code):** 240113 - Animal physiology; 240300 - Biochemistry; 310406 - Nutrition; 310502 - Fish farming



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

**University degree:** Higher degree

**Name of qualification:** Licenciada en Ciencias Ambientales

**City degree awarding entity:** Granada, Andalusia, Spain

**Degree awarding entity:** Universidad de Granada    **Type of entity:** University

**Date of qualification:** 30/07/2001

### Doctorates

**Doctorate programme:** Biología Agropecuaria

**Degree awarding entity:** Universidad de Granada    **Type of entity:** University

**City degree awarding entity:** Granada, Andalusia, Spain

**Date of degree:** 27/03/2008

**DEA awarding entity:** Universidad de Granada

**Date DEA was awarded:** 25/09/2003

**European doctorate:** Yes

**Date of certificate:** 27/03/2008

**Thesis title:** Respuesta nutritiva, metabólica y balance redox del dentón (Dentex dentex) bajo diferentes condiciones nutricionales.

**Thesis director:** Gabriel Cardenete Hernández

**Thesis co-director:** María del Carmen Hidalgo Jiménez

**Obtained qualification:** Sobresaliente Cum Laude



## Scientific and technological experience

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

**1** **Name of the project:** Estudio de la respuesta fisiológica, metabólica y del sistema de defensa antioxidante de híbridos de tilapia cultivados en sistemas marinos con biofloc y probiótico

**Geographical area:** Non EU International

**Entity where project took place:** Universidad Autónoma de Sinaloa

**Type of entity:** University

**City of entity:** Sinaloa, Mexico

**Name principal investigator (PI, Co-PI....):** María Isaura Bañuelos Vargas

**Funding entity or bodies:**

CONACYT, Secretaría de Educación Pública

**Type of entity:** State agency

**City funding entity:** Mexico

**Type of participation:** Team member

**Name of the programme:** Convocatoria de Investigación Científica Básica 2015

**Code according to the funding entity:** 253151

**Start-End date:** 01/12/2016 - 30/11/2019

**Duration:** 3 years

**Participating entity/entities:** Universidad de Granada; Universidad de Sinaloa

**Total amount:** 50.500 €

**Dedication regime:** Part time

**2** **Name of the project:** Utilización de extracto de Olivo rico en hidroxitirosol como aditivo en la alimentación de Seriola lalandi

**Geographical area:** Non EU International

**Entity where project took place:** Pontificia Universidad Católica de Chile

**Type of entity:** University

**City of entity:** Chile

**Name principal investigator (PI, Co-PI....):** Rui Fonseca Neves de Sá

**Funding entity or bodies:**

CONICYT, Ministerio de Educación, Fondo de Fomento al Desarrollo Científico y Tecnológico (FONDEF)

**Type of entity:** State agency

**City funding entity:** Chile

**Type of participation:** Team member

**Name of the programme:** III CONCURSO IDeA EN DOS ETAPAS 2016 - Ciencia Aplicada

**Code according to the funding entity:** ID16110453

**Start-End date:** 01/01/2017 - 31/12/2018

**Duration:** 2 years

**Participating entity/entities:** Biomaslinc S.A. (España); Chileoliva S.A. (Chile); Pontificia Universidad Católica de Chile; Pontificia Universidad Católica de Valparaíso (Chile); Universidad de Concepción (Chile); Universidad de Granada (España)

**Total amount:** 208.607 €

**Dedication regime:** Part time



- 3** **Name of the project:** Effect of copper toxicity on expression of genes involved in hypothalamus-pituitary-interrrenal axis and cortisol response to stress in zebrafish (Danio rerio)  
**Geographical area:** Non EU International  
**Entity where project took place:** Golestan University of Medical Sciences  
**City of entity:** Iran  
**Name principal investigator (PI, Co-PI....):** Mohsen Khalili; Ariyan Nia  
**Funding entity or bodies:**  
Golestan University of Medical Sciences (Irán)      **Type of entity:** University  
**Type of participation:** Team member  
**Code according to the funding entity:** Ref. 950804180  
**Start-End date:** 01/01/2017 - 31/12/2017      **Duration:** 1 year  
**Participating entity/entities:** Golestan University of Medical Sciences (Irán); Universidad de Granada (España)  
**Total amount:** 2.000 €  
**Dedication regime:** Part time
- 4** **Name of the project:** Análisis del patrón de expresión de triterpenos pentacíclicos presentes en el olivo y caracterización de su actividad biológica  
**Type of project:** Basic research (including archaeological digs, etc)      **Geographical area:** Universitario  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Jaén      **Type of entity:** University  
**City of entity:** Jaén, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Juan Peragón Sánchez  
**Nº of researchers:** 12  
**Funding entity or bodies:**  
Universidad de Jaén      **Type of entity:** University  
**City funding entity:** Jaén, Andalusia, Spain  
**Type of participation:** Team member  
**Name of the programme:** Plan Propio Universidad de Jaén, Acción 7, Curso 2014-2015  
**Code according to the funding entity:** UJA2014/07/13  
**Start-End date:** 01/03/2015 - 28/02/2017      **Duration:** 2 years  
**Participating entity/entities:** BIOMASLINIC SL; Universidad de Granada; Universidad de Jaén  
**Total amount:** 19.500 €  
**Dedication regime:** Part time
- 5** **Name of the project:** Infraestructuras Comunes Departamento Bioquímica y Biología Molecular I  
**Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Granada      **Type of entity:** University  
**City of entity:** Granada, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Pedro P. Medina Vico  
**Nº of researchers:** 18  
**Funding entity or bodies:**  
Secretaría de Estado de Investigación Desarrollo e Innovación del Gobierno de España. Ministerio de Economía y Competitividad      **Type of entity:** State agency  
**City funding entity:** Spain

**Type of participation:** .**Name of the programme:** Convocatoria 2013- Ayudas a Infraestructuras y Equipamiento Científico-Técnico Subprograma Estatal de Infraestructuras Científicas y Equipamiento**Code according to the funding entity:** UNGR13-1E-1849**Start-End date:** 01/01/2013 - 31/12/2015 **Duration:** 3 years**Participating entity/entities:** Universidad de Granada**Total amount:** 92.383 €**Dedication regime:** Part time**6 Name of the project:** AQUAIMPROV- Sustainable Aquaculture and Animal Welfare**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National**Degree of contribution:** Researcher**Entity where project took place:** CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental**City of entity:** Oporto, Norte, Portugal**Name principal investigator (PI, Co-PI....):** Aires Oliva-Teles**Nº of researchers:** 23**Funding entity or bodies:**Programa Operacional Regional do Norte (ON.2) e **Type of entity:** -  
pelo Fundo Europeu de Desenvolvimento Regional**City funding entity:** Portugal**Type of participation:** Team member**Name of the programme:** Programa Operacional Regional do Norte-ON2, Fundo Europeu de Desenvolvimento Regional (Portugal)**Code according to the funding entity:** NORTE-07-0124-FEDER-000038**Start-End date:** 01/01/2013 - 30/06/2015 **Duration:** 2 years - 6 months**Participating entity/entities:** CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental (Porto, Portugal)**Total amount:** 763.156 €**Dedication regime:** Part time**7 Name of the project:** OMEGAFISH- Effect on lipid metabolism of vegetable lipid interaction with carbohydrate in an important marine aquaculture fish species, European sea bass (*Dicentrarchus labrax*)**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National**Degree of contribution:** Researcher**Entity where project took place:** CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental **Type of entity:** University Research Institute**City of entity:** Oporto, Norte, Portugal**Name principal investigator (PI, Co-PI....):** Aires Oliva-Teles**Nº of researchers:** 8**Funding entity or bodies:**FCT-Fundação para a Ciência e a Tecnologia. **Type of entity:** Ministerio  
Ministério da Educação e Ciência**City funding entity:** Portugal**Type of participation:** Team member**Name of the programme:** Concurso IC&DT em todos os domínios científicos de 2012**Code according to the funding entity:** PTDC/MAR-BIO/4107/2012**Start-End date:** 02/05/2013 - 01/05/2015 **Duration:** 3 years





**Participating entity/entities:** CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental (Porto, Portugal); INRA, Pôle d'Hydrobiologie, Unité Mixte de Research Nutrition Aquaculture Génomique (INRA -UMR NUAGE)

**Total amount:** 146.856 €

**Dedication regime:** Part time

**8 Name of the project:** Capacidad antioangiogénica del hidroxitirosol, polifenol natural, en melanoma.

**Type of project:** Basic research (including archaeological digs, etc)

**Geographical area:** Universitario

**Degree of contribution:** Coordinator of total project, network or consortium

**Entity where project took place:** Universidad de Granada

**Type of entity:** University

**City of entity:** Granada, Andalusia, Spain

**Name principal investigator (PI, Co-PI....):** Amalia Pérez Jiménez; Eva E. Rufino Palomares

**Nº of researchers:** 4

**Funding entity or bodies:**

CEI BioTic, Universidad de Granada

**City funding entity:** Granada, Andalusia, Spain

**Type of participation:** Principal investigator

**Name of the programme:** III Convocatoria “Compromiso con la investigación y el desarrollo” del Campus de Excelencia Internacional BioTic Granada

**Code according to the funding entity:** mP\_BS\_29

**Start-End date:** 28/05/2014 - 31/12/2014

**Duration:** 7 months

**Participating entity/entities:** BIOMASLINIC S.A.; Universidad de Granada; Universidad de Jaén

**Total amount:** 3.000 €

**Dedication regime:** Full time

**9 Name of the project:** Projecto Estratégico - LA 15 - 2013-2014

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** CIIMAR/CIMAR y CCMAR/CIMAR

**Type of entity:** University Research Institute

**City of entity:** Portugal

**Name principal investigator (PI, Co-PI....):** João José Oliveira Dias Coimbra

**Nº of researchers:** 721

**Funding entity or bodies:**

FCT-Fundação para a Ciência e a Tecnologia. Ministério da Educação e Ciência, Portugal

**Type of entity:** State agency

**City funding entity:** Portugal

**Type of participation:** Team member

**Name of the programme:** Projectos de IC&DT Estratégicos e de Interesse Público promovidos por Laboratórios Associados e Unidades de I&D - 2013 - COMPETE

**Code according to the funding entity:** PEst-C/MAR/LA0015/2013

**Start-End date:** 01/01/2013 - 31/12/2014

**Duration:** 2 years

**Participating entity/entities:** Centro Interdisciplinar de Investigação Marinha e Ambiental (CIIMAR/CIMAR); Centro de Ciências do Mar (CCMar/CIMAR); Centro de Investigação Marinha e Ambiental (CIMAR)

**Total amount:** 4.030.116 €





- 10 Name of the project:** L-tryptophan as tool to mitigate stressful conditions in meagre (*Argyrosomus regius*)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** Universitario  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Universidad de Oporto **Type of entity:** University  
**City of entity:** Porto, Norte, Portugal  
**Name principal investigator (PI, Co-PI....):** Amalia Pérez Jiménez  
**N° of researchers:** 5  
**Funding entity or bodies:** Universidad de Oporto **Type of entity:** University  
**City funding entity:** Porto, Norte, Portugal  
Universidad de Oporto y SORGAL-Soja de Portugal **Type of entity:** Universidad y Empresa S.A.  
**City funding entity:** Norte, Portugal  
**Type of participation:** Principal investigator  
**Name of the programme:** Proyectos Pluridisciplinares de la Universidad de Oporto. IJUP 2012  
**Code according to the funding entity:** PP-IJUP2012-SOJA DE PORTUGAL- 12  
**Start-End date:** 01/05/2013 - 30/04/2014 **Duration:** 1 year  
**Participating entity/entities:** CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental (Porto, Portugal); Facultad de Ciencias de la Universidad de Oporto (Portugal)  
**Total amount:** 4.000 €  
**Dedication regime:** Full time
- 11 Name of the project:** Valorização do excedente de levedura da indústria cervejeira – potencial de utilização em dietas para os juvenis de linguado (*Solea senegalensis*)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** Universitario  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Oporto **Type of entity:** University  
**City of entity:** Oporto, Norte, Portugal  
**Name principal investigator (PI, Co-PI....):** Aires Oliva-Teles  
**N° of researchers:** 4  
**Funding entity or bodies:** Universidad de Oporto y UNICER-Bebidas, S.A. **Type of entity:** Universidad y Empresa (Portugal)  
**City funding entity:** Norte, Portugal  
**Type of participation:** Team member  
**Name of the programme:** Proyectos Pluridisciplinares de la Universidad de Oporto. IJUP 2010  
**Code according to the funding entity:** 61-IJUP2010  
**Start-End date:** 01/12/2010 - 31/05/2012 **Duration:** 1 year - 6 months  
**Participating entity/entities:** CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental (Porto, Portugal); Facultad de Ciencias de la Universidad de Oporto (Portugal)  
**Total amount:** 5.000 €  
**Dedication regime:** Part time
- 12 Name of the project:** OPTISOLE- Investigação e desenvolvimento na produção de juvenis de linguado: incremento da resistência a patologias e do crescimento  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National



**Degree of contribution:** Researcher  
**Entity where project took place:** CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental  
**City of entity:** Oporto, Norte, Portugal  
**Name principal investigator (PI, Co-PI....):** António Afonso  
**Nº of researchers:** 6  
**Funding entity or bodies:**  
Adi-Agência de Inovação  
**Type of participation:** .  
**Name of the programme:** Programa Operacional Regional do Norte-ON2, Fundo Europeu de Desenvolvimento Regional (Portugal)  
**Code according to the funding entity:** 1605-OPTISOLE  
**Start-End date:** 01/09/2008 - 31/08/2011      **Duration:** 3 years  
**Participating entity/entities:** A. Coelho e Castro, Lda. (Póvoa de Varzim, Portugal); CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental (Porto, Portugal)  
**Total amount:** 501.203 €  
**Dedication regime:** Part time

- 13** **Name of the project:** Nutrición y pautas de alimentación en dentón (Dentex dentex). Estudios de factores ambientales en las distintas fases del cultivo  
**Type of project:** Basic research (including archaeological digs, etc)      **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Granada      **Type of entity:** University  
**City of entity:** Granada, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Gabriel Cardenete Hernández  
**Nº of researchers:** 6  
**Funding entity or bodies:**  
Ministerio de Ciencia y Tecnología      **Type of entity:** Ministerio  
**City funding entity:** Spain  
**Type of participation:** Team member  
**Code according to the funding entity:** ACU03-009-C4-2  
**Start-End date:** 01/01/2004 - 31/12/2006      **Duration:** 3 years  
**Participating entity/entities:** Instituto Español de Oceanografía; Universidad de Almería; Universidad de Granada  
**Total amount:** 34.587 €  
**Dedication regime:** Full time

- 14** **Name of the project:** Desarrollo de técnicas de cultivo de dentón, Dentex dentex L. Estudios nutricionales y de factores medioambientales  
**Type of project:** Basic research (including archaeological digs, etc)      **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Granada      **Type of entity:** University  
**City of entity:** Granada, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Gabriel Cardenete Hernández  
**Nº of researchers:** 6  
**Funding entity or bodies:**  
Ministerio de Ciencia y Tecnología      **Type of entity:** Ministerio  
**City funding entity:** Community of Madrid, Spain



**Type of participation:** .

**Code according to the funding entity:** ACU00-011-C4-2

**Start-End date:** 01/01/2000 - 31/12/2002

**Duration:** 3 years

**Participating entity/entities:** Instituto Español de Oceanografía; Universidad de Almería; Universidad de Granada

**Total amount:** 31.529 €

**Dedication regime:** Full time

**15 Name of the project:** Estudio del Medio Ambiente en Granada mediante empleo de indicadores

**Geographical area:** Local

**Degree of contribution:** Researcher

**Entity where project took place:** Asociación Española de Educación Ambiental

**City of entity:** Spain

**Name principal investigator (PI, Co-PI....):** Federico Velázquez de Castro González

**Nº of researchers:** 6

**Funding entity or bodies:**

Asociación Española de Educación Ambiental

**Type of entity:** Associations and Groups

**City funding entity:** Spain

**Start-End date:** 01/05/2001 - 30/04/2002

**Duration:** 1 year

**Participating entity/entities:** Asociación Española de Educación Ambiental; Universidad de Granada

**Dedication regime:** Full time

## R&D non-competitive contracts, agreements or projects with public or private entities

**1 Name of the project:** El mucus del tegumento de los peces como indicador de su salud/bienestar

**Geographical area:** Regional

**Degree of contribution:** Researcher

**City of entity:** Granada, Spain

**Name principal investigator (PI, Co-PI....):** Ana Sanz Rus

**Nº of researchers:** 4

**Participating entity/entities:** Parque de las Ciencias de Granada; Universidad de Granada

**Funding entity or bodies:**

CONSORCIO PARQUE DE LAS CIENCIAS

**City funding entity:** Spain

**Name of the programme:** Contrato de investigación por convenio

**Start date:** 23/06/2016

**2 Name of the project:** Essential oils in turbot feed (Scophthalmus maximus)

**Geographical area:** Contrato con empresa

**Degree of contribution:** Researcher

**Entity where project took place:** CIIMAR-Centro Interdisciplinar de Investigaçao Marinha e Ambiental

**Type of entity:** University Research Institute

**City of entity:** Oporto, Norte, Portugal

**Name principal investigator (PI, Co-PI....):** Helena Peres

**Nº of researchers:** 3

**Participating entity/entities:** CIIMAR-Centro Interdisciplinar de Investigaçao Marinha e Ambiental

**Funding entity or bodies:**

Sorgal, S.A.

**Type of entity:** Business

**City funding entity:** Portugal



**Name of the programme:** Contrato de investigación del CIIMAR- y la empresa Sorgal, S.A. de Portugal  
**Start date:** 01/01/2013 **Duration:** 12 months  
**Total amount:** 6.000 €

## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1** Amalia Pérez Jiménez; Emilia Abellán; Marta Arizcun; Gabriel Cardenete; Amalia E. Morales; M. Carmen Hidalgo. Dietary carbohydrates improve oxidative status of common dentex (*Dentex dentex*) juveniles, a carnivorous fish species. *Comparative Biochemistry and Physiology. Part A.* 203, pp. 17 - 23. New York(United States of America): Elsevier, 2017. Available on-line at: <<http://dx.doi.org/10.1016/j.cbpa.2016.08.014>>. ISSN 1095-6433

**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 6 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** Science Edition - ZOOLOGY  
**Impact index in year of publication:** 2.039 **Journal in the top 25%:** Yes  
**Position of publication:** 26 **No. of journals in the cat.:** 161
- 2** Filipe Coutinho; Helena Peres; Carolina Castro; Amalia Pérez Jiménez; Rui Magalhães; Pedro Pousão-Ferreira; Aires Oliva-Teles. Dietary protein requirement of zebra sea bream (*Diplodus cervinus*, Lowe 1838) juveniles. *Aquaculture Nutrition.* 22, pp. 465 - 471. (United Kingdom): Wiley-Blackwell, 2016. Available on-line at: <<http://dx.doi.org/10.1111/anu.12269>>. ISSN 1353-5773

**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 7 **Category:** Science Edition - FISHERIES  
**Impact source:** ISI **Journal in the top 25%:** No  
**Impact index in year of publication:** 1.511 **No. of journals in the cat.:** 52  
**Position of publication:** 18
- 3** Carolina Castro; Ana Couto; Amalia Pérez Jiménez; Cláudia R. Serra; Patricia Díaz Rosales; Rui Fernandes; Geneviève Corraze; Stéphane Panserat; Aires Oliva-Teles. Effects of fish oil replacement by vegetable oil blend on digestive enzymes and tissue histomorphology of European sea bass (*Dicentrarchus labrax*) juveniles. *Fish Physiology and Biochemistry.* 42, pp. 203 - 217. (Holland): Springer, 2016. Available on-line at: <<http://dx.doi.org/10.1007/s10695-011-9600-2>>. ISSN 0920-1742

**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Total no. authors:** 9 **Category:** Science Edition - FISHERIES  
**Impact source:** ISI **Journal in the top 25%:** No  
**Impact index in year of publication:** 1.442 **No. of journals in the cat.:** 52  
**Position of publication:** 22



- 4** Carolina Castro; Alexandre Firmino Diógenes; Filipe Coutinho; Stéphane Panserat; Geneviève Corraze; Amalia Pérez Jiménez; Helena Peres; Aires Oliva-Teles. Liver and intestine oxidative status of gilthead sea bream fed vegetable oil and carbohydrate rich diets. *Aquaculture*. 464, pp. 665 - 672. (Holland): Elsevier, 2016. Available on-line at: <<http://dx.doi.org/10.1016/j.aquaculture.2016.08.005>>. ISSN 0044-8486
- Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 8  
**Impact source:** ISI  
**Impact index in year of publication:** 1.893  
**Position of publication:** 14
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Science Edition - FISHERIES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 52
- 5** Filipe Coutinho; Helena Peres; Carolina Castro; Amalia Pérez Jiménez; Pedro Pousão-Ferreira; Aires Oliva-Teles; Paula Enes. Metabolic responses to dietary protein/carbohydrate ratios in zebra sea bream (*Diplodus cervinus*, Lowe 1838) juveniles. *Fish Physiology and Biochemistry*. 42, pp. 343 - 352. (Holland): Springer, 2016. Available on-line at: <<http://dx.doi.org/10.1007/s10695-015-0142-x>>. ISSN 0920-1742
- Type of production:** Scientific paper  
**Position of signature:** 4  
**Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 1.442  
**Position of publication:** 22
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Science Edition - FISHERIES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 52
- 6** Morteza Yousefi; Mehdi Paktinat; Nemat Mahmoudi; Amalia Pérez Jiménez; Seyyed Morteza Hoseini. Serum biochemical and non-specific immune responses of rainbow trout (*Oncorhynchus mykiss*) to dietary nucleotide and chronic stress. *Fish Physiology and Biochemistry*. 42, pp. 1417 - 1425. (Holland): Springer, 2016. Available on-line at: <<http://dx.doi.org/10.1007/s10695-016-0229-Z>>. ISSN 0920-1742
- Type of production:** Scientific paper  
**Position of signature:** 4  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 1.442  
**Position of publication:** 22
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Science Edition - FISHERIES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 52
- 7** Amalia Pérez Jiménez; Eva E. Rufino Palomares; Nieves Fernández Gallego; M. Carmen Ortuño Costela; Fernando J. Reyes Zurita; Juan Peragón; Leticia García Salguero; Khalida Moktari; Pedro P. Medina; José A. Lupiáñez. Target molecules in 3T3-L1 adipocytes differentiation are regulated by maslinic acid, a natural triterpene from *Olea europaea*. *Phytomedicine*. 23, pp. 1301 - 1311. (Germany): Elsevier, 2016. Available on-line at: <<http://dx.doi.org/10.1016/j.phymed.2016.07.001>>. ISSN 0944-7113
- Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 10  
**Impact source:** ISI  
**Impact index in year of publication:** 2.937  
**Position of publication:** 4
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes  
**Category:** Science Edition - INTEGRATIVE & COMPLEMENTARY MEDICINE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 24



- 8** Fernando J. Reyes Zurita; Marta Medina O'Donnel; Rosa M. Ferrer Martín; Eva E. Rufino Palomares; Samuel Martín Fonseca; Francisco Rivas; Antonio Martínez; Andrés García Granados; Amalia Pérez Jiménez; Leticia García Salguero; Juan Peragón; Khalida Moktari; Pedro P. Medina; Andrés Parra; José A. Lupiáñez. The oleanolic acid derivative, 3-O-succinyl-28-O-benzyl oleanolate, induces apoptosis in B16-F10 melanoma cells via the mitochondrial apoptotic pathway. *RSC Advances*. 6 - 93590, (United Kingdom): Royal Soc Chemistry, 2016. Available on-line at: <<http://dx.doi.org/10.1039/C6RA18879F>>. ISSN 2046-2069
- Type of production:** Scientific paper  
**Position of signature:** 9
- Total no. authors:** 15  
**Impact source:** ISI  
**Impact index in year of publication:** 3.289  
**Position of publication:** 49
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 163
- 9** Carolina Castro; Geneviève Corraze; Amalia Pérez Jiménez; Laurence Larroquet; Marianne Cluzeaud; Stéphane Panserat; Aires Oliva-Teles. Dietary carbohydrates and lipid source affect cholesterol metabolism of European sea bass (*Dicentrarchus labrax*) juveniles. *British Journal of Nutrition*. 114, pp. 1143 - 1156. (United Kingdom): Cambridge Journals, 2015. Available on-line at: <<http://dx.doi.org/10.1017/S0007114515002731>>. ISSN 0007-1145
- Type of production:** Scientific paper  
**Position of signature:** 3
- Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 3,311  
**Position of publication:** 23
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- Category:** Science Edition - NUTRITION & DIETETICS  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 80
- 10** Carolina Castro; Amalia Pérez Jiménez; Filipe Coutinho; Patricia Díaz Rosales; Claudia A. dos Reis Serra; Stéphane Panserat; Geneviève Corraze; Helena Peres; Aires Oliva-Teles. Dietary carbohydrates and lipid source affect differently oxidative status of European sea bass (*Dicentrarchus labrax*) juveniles. *British Journal of Nutrition*. 114, pp. 1584 - 1593. (United Kingdom): Cambridge Journals, 2015. Available on-line at: <<http://dx.doi.org/10.1017/S0007114515003360>>. ISSN 0007-1145
- Type of production:** Scientific paper  
**Position of signature:** 2
- Total no. authors:** 9  
**Impact source:** ISI  
**Impact index in year of publication:** 3,311  
**Position of publication:** 23
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- Category:** Science Edition - NUTRITION & DIETETICS  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 80
- Impact source:** ISI  
**Impact index in year of publication:** 3,453  
**Position of publication:** 18
- Category:** Science Edition - NUTRITION & DIETETICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 77
- 11** Tiago Andrade; António Afonso; Amalia Pérez Jiménez; Aires Oliva-Teles; Verónica De las Heras; Juan Miguel Mancera; Renata Serradeiro; Benjamín Costas. Evaluation of different stocking densities in a Senegalese sole (*Solea senegalensis*) farm: implications for growth, humoral immune parameters and oxidative status. *Aquaculture*. 438, pp. 6 - 11. (Holland): Elsevier, 2015. Available on-line at: <<http://dx.doi.org/10.1016/j.aquaculture.2014.12.034>>. ISSN 0044-8486
- Type of production:** Scientific paper  
**Position of signature:** 3
- Format:** Journal

**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 1.893**Position of publication:** 14**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - FISHERIES**Journal in the top 25%:** No**No. of journals in the cat.:** 52

- 12** Inês Guerreiro; Ana Couto; Amalia Pérez Jiménez; Aires Oliva-Teles; Paula Enes. Gut morphology and hepatic oxidative status of European sea bass (*Dicentrarchus labrax*) juveniles fed plant feedstuffs or fishmeal-based diets supplemented with short-chain fructo-oligosaccharides and xylo-oligosaccharides. *British Journal of Nutrition*. 114, pp. 1975 - 1984. (United Kingdom): Cambridge Journals, 2015. Available on-line at: <<http://dx.doi.org/10.1017/S0007114515003773>>. ISSN 0007-1145

**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3,311**Position of publication:** 23**Category:** Science Edition - NUTRITION & DIETETICS**Journal in the top 25%:** No**No. of journals in the cat.:** 80

- 13** Khalida Mokhtari; Eva E. Rufino Palomares; Amalia Pérez Jiménez; Fernando J. Reyes Zurita; Celeny Figuera; Leticia García Salguero; Pedro P. Medina; Juan Peragón; José A. Lupiáñez. Maslinic acid, a triterpene from olive, affects the antioxidant and mitochondrial status of B16F10 cells grown under stressful conditions. *Evidence-Based Complementary and Alternative Medicine*. 2015 - Article ID 272457, pp. 1 - 11. England(United Kingdom): Elsevier, 2015. Available on-line at: <<http://dx.doi.org/10.1155/2015/272457>>. ISSN 1741-427X

**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 1,931**Position of publication:** 7**Category:** Science Edition - INTEGRATIVE & COMPLEMENTARY MEDICINE**Journal in the top 25%:** No**No. of journals in the cat.:** 24

- 14** Amalia Pérez Jiménez; Emilia Abellán; Marta Arizcun; Gabriel Cardenete; Amalia E. Morales; M. Carmen Hidalgo. Nutritional and metabolic responses in common dentex (*Dentex dentex*) fed on different types and levels of carbohydrates. *Comparative Biochemistry and Physiology. Part A*. 184, pp. 56 - 64. New York(United States of America): Elsevier, 2015. Available on-line at: <<http://dx.doi.org/10.1016/j.cbpa.2015.02.002>>. ISSN 1095-6433

**Type of production:** Scientific paper**Position of signature:** 1**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 2.039**Position of publication:** 26**Category:** Science Edition - ZOOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 161

- 15** Helena Peres; Benjamín Costas; Amalia Pérez Jiménez; Inês Guerreiro; Aires Oliva-Teles. Reference values for selected hematological and serum biochemical parameters of Senegalese sole (*Solea senegalensis* Kaup, 1858) juveniles under intensive aquaculture conditions. *Journal of Applied Ichthyology*. 31, pp. 65 - 71. (United Kingdom): Wiley-Blackwell, 2015. Available on-line at: <<http://dx.doi.org/10.1111/JAI.12641>>. ISSN 0175-8659

**Type of production:** Scientific paper**Format:** Journal



**Position of signature:** 3

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 0.783

**Position of publication:** 38

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Category:** Science Edition - FISHERIES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 52

- 16** Isaura Bañuelos Vargas; Lus M. López; Amalia Pérez Jiménez; Helena Peres. Effect of fish meal replacement by soy protein concentrate with taurine supplementation on hepatic intermediary metabolism and antioxidant status of totoaba juveniles (*Totoaba macdonaldi*). *Comparative Biochemistry and Physiology. Part B.* 170, pp. 18 - 25. New York(United States of America): Elsevier, 2014. Available on-line at: <<http://dx.doi.org/10.1016/j.cbpb.2014.01.003>>. ISSN 1096-4959

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 1.551

**Position of publication:** 49

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Category:** Science Edition - ZOOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 153

- 17** Inês Guerreiro; Amalia Pérez Jiménez; Benjamín Costas; Aires Oliva-Teles. Effect of temperature and short chain fructooligosaccharides supplementation on the hepatic oxidative status and immune response of turbot (*Scophthalmus maximus*). *Fish and Shellfish Immunology.* 40, pp. 570 - 576. Elsevier, 2014. Available on-line at: <<http://dx.doi.org/10.1016/j.fsi.2014.08.017>>. ISSN 1050-4648

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.674

**Position of publication:** 5

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Category:** Science Edition - VETERINARY SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 133

- 18** Amalia Pérez Jiménez; Helena Peres; Aires Oliva-Teles. Effective replacement of protein-bound amino acids by crystalline amino acids in senegalese sole (*Solea senegalensis*) juveniles. *Aquaculture Nutrition.* 20, pp. 60 - 68. (United Kingdom): Wiley-Blackwell, 2014. Available on-line at: <<http://dx.doi.org/10.1111/anu.12052>>. ISSN 1353-5773

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 3

**Impact source:** ISI

**Impact index in year of publication:** 1.395

**Position of publication:** 24

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes

**Category:** Science Edition - FISHERIES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 52

- 19** Inês Guerreiro; Helena Peres; Carolina Castro; Amalia Pérez Jiménez; Manuela Castro-Cunha; Aires Oliva-Teles. Water temperature does not affect protein sparing by dietary carbohydrate in Senegalese sole (*Solea senegalensis*) juveniles. *Aquaculture Research.* 45, pp. 289 - 298. (United States of America): Wiley-Blackwell, 2014. Available on-line at: <<http://dx.doi.org/10.1111/j.1365-2109.2012.03226.x>>. ISSN 1355-557X

**Type of production:** Scientific paper

**Position of signature:** 4

**Format:** Journal

**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 1.376**Position of publication:** 25**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - FISHERIES**Journal in the top 25%:** No**No. of journals in the cat.:** 52

- 20** Helena Peres; Ines Guerreiro; Amalia Pérez Jiménez; Aires Oliva-Teles. A non-lethal faeces collection method for Senegalese sole (*Solea senegalensis*) juveniles. *Aquaculture*. 414-415, pp. 100 - 102. (Holland): Elsevier, 2013. Available on-line at: <<http://dx.doi.org/10.1016/j.aquaculture.2013.07.035>>. ISSN 0044-8486

**Type of production:** Scientific paper**Position of signature:** 2**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 1.83**Position of publication:** 13**Category:** Science Edition - FISHERIES**Journal in the top 25%:** No**No. of journals in the cat.:** 50

- 21** Carolina Castro; Amalia Pérez Jiménez; Filipe Coutinho; Pedro Pousão-Ferreira; Tiago Brandão; Aires Oliva-Teles; Helena Peres. Digestive enzymes of meagre (*Argyrosomus regius*) and white seabream (*Diplodus sargus*). Effects of dietary brewers spent yeast supplementation. *Aquaculture*. 416-417, pp. 322 - 327. (Holland): Elsevier, 2013. Available on-line at: <<http://dx.doi.org/10.1016/j.aquaculture.2013.09.042>>. ISSN 0044-8486

**Type of production:** Scientific paper**Position of signature:** 2**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 1.83**Position of publication:** 13**Category:** Science Edition - FISHERIES**Journal in the top 25%:** No**No. of journals in the cat.:** 50

- 22** Amalia Pérez Jiménez; Helena Peres; Vera Cruz Rubio; Aires Oliva-Teles. Effects of diet supplementation with white tea and methionine on lipid metabolism of gilthead sea bream juveniles (*Sparus aurata*). *Fish Physiology and Biochemistry*. 39, pp. 661 - 670. (Holland): Springer, 2013. Available on-line at: <<http://dx.doi.org/10.1007/s10695-012-9728-8>>. ISSN 0920-1742

**Type of production:** Scientific paper**Position of signature:** 1**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 1.68**Position of publication:** 17**Category:** Science Edition - FISHERIES**Journal in the top 25%:** No**No. of journals in the cat.:** 50

- 23** Carolina Oliveira Castro; Amalia Pérez Jiménez; Inés Guerreiro; Helena Peres; Manuela Castro-Cunha; Aires Oliva-Teles. Effects of temperature and dietary protein level on hepatic oxidative status of Senegalese sole juveniles (*Solea senegalensis*). *Comparative Biochemistry and Physiology. Part A*. 163, pp. 372 - 378. New York(United States of America): Elsevier, 2012. Available on-line at: <<http://dx.doi.org/10.1016/j.cbpa.2012.07.003>>. ISSN 1095-6433

**Type of production:** Scientific paper**Position of signature:** 2**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee



**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.167

**Position of publication:** 25

**Category:** Science Edition - ZOOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 151

- 24** Amalia Pérez Jiménez; Gabriel Cardenete Hernández; María del Carmen Hidalgo Jiménez; Alicia García Alcázar; Emilia Abellán Martínez; Amalia Encarnación Morales Hernández. Metabolic adjustments of Dentex dentex to prolonged starvation and refeeding. *Fish Physiology and Biochemistry*. 38, pp. 1145 - 1157. (Holland): Springer, 2012. Available on-line at: <<http://dx.doi.org/10.1007/s10695-011-9600-2>>. ISSN 0920-1742

**Type of production:** Scientific paper

**Position of signature:** 1

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes

**Category:** Science Edition - FISHERIES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 50

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.545

**Position of publication:** 22

- 25** Paula Enes; Amalia Pérez Jiménez; Helena Peres; Ana Couto; Pedro Pousão Ferreira; Aires Oliva-Teles. Oxidative status and gut morphology of white sea bream, *Diplodus sargus*, fed soluble non-starch polysaccharide supplemented diets. *Aquaculture*. 358-359, pp. 79 - 84. (Holland): Elsevier, 2012. Available on-line at: <<http://dx.doi.org/10.1016/j.aquaculture.2012.06.020>>. ISSN 0044-8486

**Type of production:** Scientific paper

**Position of signature:** 2

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Category:** Science Edition - FISHERIES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 50

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.009

**Position of publication:** 11

- 26** Amalia Pérez Jiménez; Helena Peres; Vera Cruz Rubio; Aires Oliva-Teles. The effect of dietary methionine and white tea on oxidative status of gilthead sea bream (*Sparus aurata*). *British Journal of Nutrition*. 108, pp. 1202 - 1209. (United Kingdom): Cambridge Journals, 2012. Available on-line at: <<http://dx.doi.org/10.1017/S0007114511006556>>. ISSN 0007-1145

**Type of production:** Scientific paper

**Position of signature:** 1

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes

**Category:** Science Edition - NUTRITION & DIETETICS

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 76

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 3,302

**Position of publication:** 18

- 27** Amalia Pérez Jiménez; Helena Peres; Vera Cruz Rubio; Aires Oliva-Teles. The effect of hypoxia on intermediary metabolism and oxidative status in gilthead sea bream (*Sparus aurata*) fed on diets supplemented with methionine and white tea. *Comparative Biochemistry and Physiology. Part C*. 155, pp. 506 - 516. New York(United States of America): Elsevier, 2012. Available on-line at: <<http://dx.doi.org/10.1016/j.cbpc.2011.12.005>>. ISSN 1532-0456

**Type of production:** Scientific paper

**Position of signature:** 1

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes

**Category:** Science Edition - ZOOLOGY

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.707  
**Position of publication:** 15

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 151

- 28** Amalia Pérez Jiménez; María del Carmen Hidalgo Jiménez; Amalia Encarnación Morales Hernández; Marta Arizcun Arizcun; Emilia Abellán Martínez; Gabriel Cardenete Hernández. Antioxidant enzymatic defences and oxidative damage in Dentex dentex fed on different dietary macronutrient levels. *Comparative Biochemistry and Physiology. Part C.* 150, pp. 537 - 545. New York(United States of America): Elsevier, 2009. Available on-line at: <<http://dx.doi.org/10.1016/j.cbpc.2009.07.011>>. ISSN 1532-0456

**Type of production:** Scientific paper  
**Position of signature:** 1

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes

**Total no. authors:** 6

**Impact source:** ISI

**Category:** Science Edition - ZOOLOGY

**Impact index in year of publication:** 2,582

**Journal in the top 25%:** Yes

**Position of publication:** 11

**No. of journals in the cat.:** 129

- 29** Amalia Pérez Jiménez; Gabriel Cardenete Hernández; Amalia Encarnación Morales Hernández; Alicia García Alcázar; Emilia Abellán Martínez; María del Carmen Hidalgo Jiménez. Digestive enzymatic profile of Dentex dentex and response to different dietary formulations. *Comparative Biochemistry and Physiology. Part A.* 154, pp. 157 - 164. New York(United States of America): Elsevier, 2009. Available on-line at: <<http://dx.doi.org/10.1016/j.cbpa.2009.05.126>>. ISSN 1095-6433

**Type of production:** Scientific paper  
**Position of signature:** 1

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes

**Total no. authors:** 6

**Impact source:** ISI

**Category:** Science Edition - ZOOLOGY

**Impact index in year of publication:** 2,196

**Journal in the top 25%:** Yes

**Position of publication:** 14

**No. of journals in the cat.:** 129

- 30** Amalia Pérez Jiménez; María del Carmen Hidalgo Jiménez; Amalia Encarnación Morales Hernández; Marta Arizcun Arizcun; Emilia Abellán Martínez; Gabriel Cardenete Hernández. Growth performance, feed utilization and body composition of Dentex dentex fed on different macronutrient combinations. *Aquaculture Research.* 41, pp. 111 - 119. (United Kingdom): Blackwell Publishing, 2009. Available on-line at: <<http://dx.doi.org/10.1111/j.1365-2109.2009.02312.x>>. ISSN 1355-557X

**Type of production:** Scientific paper  
**Position of signature:** 1

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes

**Total no. authors:** 6

**Impact source:** ISI

**Category:** Science Edition - FISHERIES

**Impact index in year of publication:** 1.099

**Journal in the top 25%:** No

**Position of publication:** 25

**No. of journals in the cat.:** 42

- 31** Maria Dolores Suarez Medina; Tomas Martínez; Emilia Abellán Martínez; Marta Arizcun Arizcun; Amalia Pérez Jiménez; María del Carmen Hidalgo Jiménez; Gabriel Cardenete Hernández. The effects of the diet on flesh quality of farmed dentex (*Dentex dentex*). *Aquaculture.* 288, pp. 106 - 113. (Holland): Elsevier, 2009. Available on-line at: <<http://dx.doi.org/10.1016/j.aquaculture.2008.11.007>>. ISSN 0044-8486

**Type of production:** Scientific paper  
**Position of signature:** 5

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 7

**Impact source:** ISI

**Category:** Science Edition - FISHERIES

**Impact index in year of publication:** 1.925  
**Position of publication:** 8

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 42

- 32** Amalia Pérez Jiménez; María del Carmen Hidalgo Jiménez; Amalia Encarnación Morales Hernández; Marta Arizcun Arizcun; Emilia Abellán Martínez; Gabriel Cardenete Hernández. Use of different combinations of macronutrients for dentex (*Dentex dentex*). Effects on intermediary metabolism. *Comparative Biochemistry and Physiology. Part A.* 152, pp. 314 - 321. New York(United States of America): Elsevier, 2009. Available on-line at: <<http://dx.doi.org/10.1016/j.cbpa.2008.11.002>>. ISSN 1095-6433

**Type of production:** Scientific paper  
**Position of signature:** 1

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes

**Total no. authors:** 6

**Impact source:** ISI

**Category:** Science Edition - ZOOLOGY

**Impact index in year of publication:** 2,196

**Journal in the top 25%:** Yes

**Position of publication:** 14

**No. of journals in the cat.:** 129

- 33** Amalia Pérez Jiménez; María José Guedes; Amalia Encarnación Morales Hernández; Aires Oliva-Teles. Metabolic responses to short starvation and refeeding in *Dicentrarchus labrax*. Effect of dietary composition. *Aquaculture.* 265, pp. 325 - 335. (Holland): Elsevier, 2007. Available on-line at: <<http://dx.doi.org/10.1016/j.aquaculture.2007.01.021>>. ISSN 0044-8486

**Type of production:** Scientific paper  
**Position of signature:** 1

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes

**Total no. authors:** 4

**Impact source:** ISI

**Category:** Science Edition - FISHERIES

**Impact index in year of publication:** 1.735

**Journal in the top 25%:** Yes

**Position of publication:** 7

**No. of journals in the cat.:** 40

- 34** Amalia Encarnación Morales Hernández; Amalia Pérez Jiménez; María del Carmen Higaldo Jiménez; Emilia Abellán Martínez; Gabriel Cardenete Hernández. Oxidative stress and antioxidant defenses after prolonged starvation in *Dentex dentex* liver. *Comparative Biochemistry and Physiology. Part C.* 139, pp. 153 - 161. New York(United States of America): Elsevier, 2004. Available on-line at: <<http://dx.doi.org/10.1016/j.cca.2004.10.008>>. ISSN 1532-0456

**Type of production:** Scientific paper  
**Position of signature:** 2

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Category:** Science Edition - ZOOLOGY

**Total no. authors:** 5

**Impact source:** ISI

**Journal in the top 25%:** Yes

**Impact index in year of publication:** 1.651

**No. of journals in the cat.:** 112

**Position of publication:** 18

- 35** Amalia Encarnación Morales Hernández; Amalia Pérez Jiménez; Miriam Furné Castillo; Helga Guderley. Starvation, energetics and antioxidant defenses. *Oxidative Stress in Aquatic Ecosystems.* pp. 281 - 294. (United Kingdom): Wiley-Blackwell Publishing, 2012. Available on-line at: <<http://eu.wiley.com/WileyCDA/WileyTitle/productCd-1444335480.html>>. ISBN 978-1-4443-3548-4

**Type of production:** Book chapter  
**Position of signature:** 2

**Format:** Book

**Degree of contribution:** Author or co-author of chapter in book

**Total no. authors:** 4





- 36** Amalia Pérez Jiménez; Cristina Elena Trenzado Romero; Gabriel Cardenete Hernández. Metabolic responses to food deprivation in fish. *Biology of Starvation in Humans and Other Organisms*. pp. 303 - 346. New York(United States of America): Nova Science Publishers, 2011. Available on-line at: <[https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=15345](https://www.novapublishers.com/catalog/product_info.php?products_id=15345)>. ISBN 978-1-61122-546-4  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 1 **Degree of contribution:** Author or co-author of chapter in book  
**Total no. authors:** 3 **Corresponding author:** Yes
- 37** Amalia Pérez Jiménez. Respuesta nutritiva, metabólica y balance redox del dentón (Dentex dentex) bajo diferentes condiciones nutricionales. (Nutritive and metabolic response and redox balance of common dentex (Dentex dentex) under different nutritional conditions). pp. 1 - 349. Granada, Andalusia(Spain): Universidad de Granada, 2008. Available on-line at: <<http://0-hera.ugr.es/adrastea.ugr.es/tesisugr/17349758.pdf>>. ISBN 978-84-691-2502-1  
**Legal deposit:** GR-293-2008  
**Type of production:** Scientific book or monograph **Format:** Book  
**Position of signature:** 1  
**Total no. authors:** 1
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**Type of production:** Scientific book or monograph **Format:** Book  
**Position of signature:** 5 **Degree of contribution:** Author or co-author of entire book  
**Total no. authors:** 5
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**Type of production:** Bibliographic review **Format:** Journal  
**Position of signature:** 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
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