

# **CURRICULUM VITAE DR. ANNALISA ZACCARONI**

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## **Education and academic activity**

- In 1987, she applied to Biological Sciences Faculty. She gets her degree on December 16<sup>th</sup>, 1991, working at the Department of Zoology, discussing the following thesis: “Biological cycle of *Artemia* (*Artemia salina* L., Fillopoda, Anostraca) in Cervia saltponds”, getting the mark of 103/110.
- On November 23<sup>rd</sup>, 1997, she got the Specialization in Toxicology at Bologna University, working at Department of Veterinary Public Health and Animal Pathology discussing the following experimental thesis: “Contamination of wild fauna by organochlorine pesticides”, getting the mark of 70/70 cum laude.
- In 1997/1998, she enters the PhD course in “Veterinary Pharmacology and Toxicology”.
- In 1999/2000 she got her PhD, discussing the following thesis: “Evaluation of cadmium, chromium and lead levels in little owl (*Athene noctua*) tissues”.
- Starting from November 1<sup>st</sup>, 2000 since now she works as a researcher at Pharmacology and Toxicology section of Department of Veterinary Public Health and Animal Pathology of Veterinary Faculty of Bologna University.
- Starting from November 1<sup>st</sup>, 2008 since now she is affiliated to the Degree in Aquaculture and Hygiene of Fish Products and she is responsible for the Laboratory of Ecotoxicology, working in the field of public health and sea pollution.
- From 2006 to 2015 she was member of the Teacher Council of the PhD in Clinical and Pharmaco- Toxicological Sciences of Naples University “Federico II”, Italy.
- From 2018 she is member of the Teacher Council of the PhD in Veterinary Sciences of the University of Bologna.

## **Scientific curriculum**

- On June 7<sup>th</sup>, 1996, she participates at the 1st Workshop on Animal Care, held in Verona, at Borgo Roma Hospital.
- On June 12<sup>th</sup>, 1998, she participates at the 2nd Workshop on Animal Care, held in Verona, at Borgo Roma Hospital.
- On June 18<sup>th</sup>-19<sup>th</sup>, 1998, she participates in Roma at the “Harlan Continuing Education Conference”.
- On June 27<sup>th</sup>, 1999, she participates at the Continuing Education Course “Perspectives in Immunotoxicology” held at EUROTOX '99, Oslo.
- On June 30<sup>th</sup>, 1999, she participates at the Workshop “Environmental Oestrogens” held at EUROTOX '99, Oslo.
- From October 6<sup>th</sup> to October 10<sup>th</sup>, 1999, she participates at the “Workshop on Pharmacokinetics” held in Toulouse, France, organized by European College of Veterinary Pharmacology and Toxicology.
- From September 30<sup>th</sup> to October 10<sup>th</sup>, 2002, she participates at the Postgraduate Education in Toxicology (P.E.T.) Course “Toxicological Risk Assessment” held at Wageningen University, obtaining a final mark of 8.2/10.
- She participates to the VII Convegno Nazionale A.I.S.E.T.O.V., held in Chieti from September 26<sup>th</sup> to September 28<sup>th</sup>, 2002, getting 11 ECM.
- She participates to the CASCADE SPRING SCHOOL 2005 titled “FOOD SAFETY AND ENVIRONMENT: HEALTH RISK ASSESSMENT. A focus on the endocrine active compounds (EACs): genistein, vinclozolin, bisphenol A and dioxins”, held in Orvieto from April 2<sup>nd</sup> to April 10<sup>th</sup>, 2005.
- From June 15<sup>th</sup> to September 15<sup>th</sup>, 2005, she worked at the Centro de Investigacion y Desarrollo, Consejo Superior de Investigacion Cientifica, of Barcelona.

- She was member of the Organizing Committee and of the Scientific Committee of the Workshop "ENVIRONMENTAL ENDOCRINE DISRUPTERS: an increasing risk for ecosystems, food safety and reproductive health", held in Ozzano Emilia, October 17<sup>th</sup>–18<sup>th</sup>, 2005.
- She was member of the Organizing Committee and of the Scientific Committee of the Workshop "Contaminants and pathology in marine megavertebate as environmental assessment tools" held in Cesenatico on May 8<sup>th</sup>, 2008, and of the Workshop "Where to go and what to eat?" held in Cesenatico on May 22<sup>nd</sup>, 2010, which lead to the publication of a book.
- She was speaker at two seminars held at the Veterinary School of the University of Perugia, Italy on February 23<sup>rd</sup>, 2007, titled "Biomarkers: identification and quantification of the effect of environmental pollutants" and "Ecotoxicological risk assessment of environmental pollutants" and at one seminar at the Institut Pluridisciplinaire Hubert Curien of the Centre National de la Recherche Scientifique of Strasbourg titled "Quantification of VTG in sea turtles blood: application in management and conservation", held on February 6<sup>th</sup>, 2007.
- In March 2010, she had one-month work at the "Instituto Internacional en Conservacion y Manejo de Vida Silvestre" of the University of Heredia, Costa Rica, for a research on "Heavy metal risk assessment for Costa Rican bats", who lead to two presentations at international congresses and to a submitted paper. In the same period, she was asked to teach for a 28 hours course on "Wildlife Ecotoxicology" to professionals (biologists, veterinary doctors, wildlife managers) and to give a 2 hour talk to managers of the Ministry of Environment, Energy and Telecommunication of Costa Rica.
- In February 2012, she was in charge of the teachings of "Toxicology and Pharmacy" and "Pharmacology" at the Veterinary School of Ngaoundéré, Cameroon, within the EDULINK L.I.V.E. project of the University of Udine.
- She attended the "Ninth European Seminar on Marine Mammals: Biology and Conservation" held in Valencia from September 3<sup>rd</sup> until September 7<sup>th</sup>, 2012.
- On December 2014, she got the title in the Higher Education Course in "Mediterranean Sea Cetaceans: Management and Conservation", held at Padua University.
- In 2016, she organized the Workshop "Anthropogenic threats to marine mammals of the Mediterranean Sea", held in Madeira, March 13<sup>th</sup>, 2014, within the 30th ECS Annual Conference, Funchal, Madeira.
- Since 2008 she is co-founder of the "Research Group on Large Pelagic Vertebrates" of the Degree in Aquaculture and Hygiene of Fish Products, working on various aspects of Marine Vertebrates biology.
- Since 2017 she is member of the Scientific Committee of EAAM (European Association Aquatic Mammals).
- Since 2017 she is co-founder of MarLab, society for the conservation of wild fauna.
- At present, she collaborates with different International research groups, including the School of Veterinary Medicine of Las Palmas de Gran Canaria, Spain (Prof. Boada and Luzardo), Universidad de Caceres (Prof. Marcos Perez), CNRS of Strasbourg, France (Prof. Georges), CIBNOR, La Paz, Baja California, Mexico (Dr. Tania Zenteno), Marineland Antibes, France (Dr. Manuel Garcia Hartmann), MOm, Hellenic Society for the Study and Protection of the Monk Seal (Dr. Alexandros Karamanlidis), "Refugio Nacional de Vida Silvestre" Ostional, Costa Rica.
- At the national levels, collaborations are active with Fondo Siciliano per la Natura, with Istituto Zooprofilattico Sperimentale of Lombardia and Emilia Romagna, Forlì siege, and IZS of Lazio and Toscana, Grosseto siege.
- She was referee for many international journals, among which: Ecotoxicology Environmental Safety; Comparative Biochemistry and Physiology; Journal of Environmental Sciences; Toxicology and Industrial Health; Environmental Toxicology; Fresenius Environmental Bulletin; Journal of Environmental Monitoring; Environmental Monitoring and Assessment;

Marine Drugs; Analytica Chimica Acta; Neurochemistry International; Ecotoxicology and Environmental Safety, Chemosphere, Science of the Total Environment.

- Since 2014 she is member of the Editorial Board of “Boletim do Insituto de Pesca”, Brasil.
- From August 2014 to January 2016 she was Guest Editor for the Special issue “Toxicology of Marine mammals: New Developments and Opportunities” published by Archives of Environmental Contamination and Toxicology

### **Teaching activity**

Since the Academic Year 2004/05 she was in charge of many teaching activities.

2004/05, 2005/06, 2007/08, 2008/09

- “Ecotoxicology” for the Degree in Acquaculture and Hychthyopathology of the University of Bologna 3CFU/30 h
- “Ecotoxicology, toxicology of residues and algal toxins” for the Master degree in Health and Quality of Foods of animal origin 3CFU/30 h

2006/07

- “Ecotoxicology, toxicology of residues and algal toxins” for the Master degree in Health and Quality of Foods of animal origin 3CFU/30 h

2008/09

- “Veterinary Toxicology” for the Degree in Acquaculture and Hychthyopathology of the University of Bologna 3CFU/21 h
- “Biology of sea turtles and cetaceans” for the Degree in Acquaculture and Hychthyopathology of the University of Bologna 3CFU/21 h

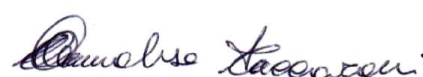
2009/10

- “Biology of sea turtles and cetaceans” for the Degree in Acquaculture and Hychthyopathology of the University of Bologna 3CFU/21 h
- “Veterinary Toxicology” for the Degree in Acquaculture and Hychthyopathology of the University of Bologna 3CFU/21 h
- “Veterinary Pharmacology” for the Degree in Acquaculture and Hychthyopathology of the University of Bologna 3CFU/21 h
- “Ecotoxicology and Endocrine disruptors” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CFU/30 h

2010/11

- “Veterinary Toxicology” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CFU/21 h
- “Veterinary Pharmacology” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CFU/21 h
- “Ecotoxicology and Endocrine disruptors” for the Degree in Hygiene of Fish Products of the University of Bologna 3CFU/30 h
- “Pharmaco-toxicological Diagnostic” for the Degree in Animal Production and Wildlife control of the University of Bologna 3CFU/30 h
- “Pharmacokinetics applied to hygiene of feed of animal origin” for the Post-graduate Specialization in Food Inspection of the University of Bologna 4CF/40 h

15/07/2020



- “Toxicology of residues in feed of animal origin” for the Post-graduate Specialization in Food Inspection of the University of Bologna 4CF/40 h
- “Risk from residues in dairy products” for the Post-graduate Specialization in Food Inspection of the University of Bologna 3CFU/24 h

2011/12

- “Biology of sea turtles and cetaceans” for the Degree in Acquaculture and Hygiene of Fish Products and of Biological Sciences of the University of Bologna 3CFU/21 h
- “Ecotoxicology and Endocrine disruptors” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CFU/30 h
- “Pharmaco-toxicological Diagnostic” for the Degree in Animal Production and Wildlife control of the University of Bologna 3CFU/30 h
- “Pharmacokinetics applied to hygiene of feed of animal origin” for the Post-graduate Specialization in Food Inspection of the University of Bologna 4CF/40 h
- “Risk from residues in dairy products” for the Post-graduate Specialization in Food Inspection of the University of Bologna 3CFU/24 h

2012/13

- “Biology of sea turtles and cetaceans” for the Degree in Acquaculture and Hygiene of Fish Products and of Biological Sciences of the University of Bologna 3CFU/21 h
- “Pharmaco-toxicological Diagnostic” for the Degree in Animal Production and Wildlife control of the University of Bologna 3CFU/ 30 h

2013/14, 2014/15

- “Biology of sea turtles and cetaceans” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CFU/21 h
- “Pharmaco-toxicological Diagnostic” for the Degree in Animal Production and Wildlife control of the University of Bologna 3CFU/30 h

2015/16

- “Biology of sea turtles and cetaceans” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CFU/21 h
- “Pharmaco-toxicological Diagnostic” for the Degree in Animal Production and Wildlife control of the University of Bologna 3CFU/30 h
- “Chemistry” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 6CFU/48 h

2016/17

- “Biology of sea turtles and cetaceans” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CFU/21 h
- “Ecotoxicology” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 4CFU/40 h
- “Chemistry” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 6CFU/48 h

2017/18

- “Biology of sea turtles and cetaceans” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CU/21 h
- “Ecotoxicology” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 4CFU/40 H
- “Chemistry” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CFU/24 h

2018/19-2019/20

- “Biology of sea turtles and cetaceans” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 3CFU/21 h
- “Ecotoxicology” for the Degree in Acquaculture and Hygiene of Fish Products of the University of Bologna 4CFU/40 h
- “Toxicology of residues in feed of animal origin/fish and mollusks” for the Post-graduate Specialization in Animal Health, Breeding and Zootechnical Productions of the University of Bologna 2CFU/16 h
- Since 2012 she has been Tutor of 64 students (Veterinary, Acquaculture and Hygiene of Fish Products, Marine Biology, Natural Sciences and Animal Production and Control of Wildlife degrees) and 2 PhD at the University of Bologna.
- Since 2012 she has been Co-Tutor of 4 students of the Acquaculture and Hygiene of Fish Products and of Marine Biology.

### **Institutional Activity**

Since 2019 she is member of the “Commisione Paritetica” of the Department of Veterinary Medical Sciences of the University of Bologna.

Since 2016 she is Delegate for Internationalization for the Degree in Acquaculture and Hygiene of Fish Products

Since 2016 she is responsible for Orientation activities for the Degree in Acquaculture and Hygiene of Fish Products

### **Professional activity**

In 2010 she was in charge of the preparation of the Safety report for an AIC for an aquaria disinfectant. Customer Sera G.m.b.H, Germany.



## Scientific Production

	<b>Index</b>	<b>Valore al 10/11/17</b>	<b>Valore ad oggi</b>	<b>Soglia ASN</b>
<b>Scopus</b>	Number of indexed papers		42	
	Number of citations		483	
	H index		13	
<b>Il Fascia</b>	Number of papers in last 5 years	18	12	8
	Number of citations in last 10 years	192	296	33
	H index in last 10 years	8	9	3

## Article in peer reviewed journals

1. Pastorino, P., Elia, A. C., Caldaroni, B., Menconi, V., Abete, M. C., Brizio, P., Bertoli, M., Zaccaroni, A., Magara, G., Dörr, A. J. M., Pizzul, E., Prearo, M. (2020). Oxidative stress ecology in brook trout (*Salvelinus fontinalis*) from a high-mountain lake (Cottian Alps). *Science of The Total Environment*, 136946. <https://doi.org/10.1016/j.scitotenv.2020.136946>
2. Macías-Montes A., Rial-Berriel C., Acosta-Dacal A., Henríquez-Hernández L.A., Almeida-González M., Rodríguez-Hernández A., Zumbado M., Boada L.D., Zaccaroni A., P. Luzardo O. (2020). Risk assessment of the exposure to mycotoxins in dogs and cats through the consumption of commercial dry food. *Science of the Total Environment*, 134592. <https://doi.org/10.1016/j.scitotenv.2019.134592>
3. Emmanuele P., Casalini A., Pisati D., Andreini A., Guercilena N., Parmeggiani A., Zaccaroni A., Mordenti O. (2020). Artificial reproduction of *Anguilla anguilla*: evaluation of biometrics characteristics of a population from Valle Campo Lagoon, Comacchio (Italy). *Aquaculture International*, 28: 777–790. 10.1007/s10499-019-00494-z
4. Hoseini S.M., Namroodi S., Zaccaroni A., Sayad-Shirazi A., Pérez-López M., Soler-Rodríguez F. (2020). Detection of Carcinogenic Polycyclic Aromatic Hydrocarbons in Stranded Caspian Seals (*Pusa capsica*). *Aquatic mammals. Aquatic Mammals*. 46 (1): 58-66.
5. Mazzariol, S., Centelleghé, C., Cozzi, B., Povinelli, M., Marcer, F., Ferri, N., Di Francesco, G., Badagliacca, P., Profeta, F., Olivieri, V., Guccione, S., Cocumelli, C., Terracciano, G., Troiano, P., Beverelli, M., Garibaldi, F., Podestà, M., Marsili, L., Fossi, M.C., Mattiucci, S., Cipriani, P., De Nurra, D., Zaccaroni, A., Rubini, S., Berto, D., Beraldo de Quiros, Y., Fernandez, A., Morell, M., Giorda, F., Pautasso, A., Modesto, P., Casalone, C., Di Guardo G. (2018). Multidisciplinary studies on a sick-leader syndrome-associated mass stranding of sperm whales (*Physeter macrocephalus*) along the Adriatic coast of Italy. *Scientific reports*, 8(1), 11577.
6. Zaccaroni, A.; Andreini, R.; Franzellitti, S.; Barceló, D.; Eljarrat, E. (2018). Halogenated flame retardants in stranded sperm whales (*Physeter macrocephalus*) from the Mediterranean Sea. *Science of the Total Environment*, 635: 892-900. DOI:10.1016/j.scitotenv.2018.04.147.
7. Mordenti, O., Emmanuele, P., Casalini, A., Lokman, P. M., Zaccaroni, A., Di Biase, A., & Parmeggiani, A. Effect of aromatizable androgen (17-methyltestosterone) on induced maturation of silver European eels (*Anguilla anguilla*): Oocyte performance and synchronization (2018). *Aquaculture Research*, 49 (1): 442-448.
8. Namroodi, S., Zaccaroni, A., Rezaei, H., & Hoseini, S. M. (2018). Evaluating Heavy Metal Contamination Effects on the Caspian Pond Turtle Health (*Mauremys caspica caspica*) Through Analyzing Oxidative Stress Factors. *International Journal of Epidemiologic Research*, 5(4), 145-150.
9. Zaccaroni, A., Perez-Lopez, M., de la Casa Resino, I., Medri, G., Ceneri, F., Bertini, S., Mordenti O., Sirri R., Mandrioli, L. (2017). Alteration in blood parameters by enrofloxacin in

- juvenile lesser spotted dogfish (*Scyliorhinus canicula*, Linnaeus, 1758) after intramuscular injection. Research in Veterinary Science, 113, 1-4.
10. Namroodi, S., Zaccaroni, A., Rezaei, H., & Hosseini, S. M. (2017). European pond turtle (*Emys orbicularis persica*) as a biomarker of environmental pollution in Golestan and Mazandaran provinces, Iran. Veterinary Research Forum (Vol. 8, No. 4, p. 333). Faculty of Veterinary Medicine, Urmia University, Urmia, Iran.
  11. Rodríguez-Hernández, Á., Camacho, M., Henríquez-Hernández, L.A., Boada, L.D., Valerón, P.F., Zaccaroni, A., Zumbado, M., Almeida-González, M., Rial-Berriel, C., Luzardo, O.P. (2017). Comparative study of the intake of toxic persistent and semi persistent pollutants through the consumption of fish and seafood from two modes of production (wild-caught and farmed). Science of the Total Environment 575: 919-931.
  12. Formigaro, Costanza; Karamanlidis, Alexandros A.; Dendrinou, Panagiotis; Marsili, Letizia; Silvi, Marina; Zaccaroni, Annalisa (2017). Trace element concentrations in the Mediterranean monk seal (*Monachus monachus*) in the eastern Mediterranean Sea. SCIENCE OF THE TOTAL ENVIRONMENT 576: 528-537.
  13. Elia, Antonia Concetta; Pacini, Nicole; Fioravanti, Maria Letizia; Dörr, Ambrosius Josef Martin; Zaccaroni, Annalisa; Parmeggiani, Alba Maria; Gustinelli, Andrea; Mordenti, Oliviero; Abete, Maria Cesarina; Prearo, Marino (2016). Assessment of Detoxifying Markers for Florfenicol in Rainbow Trout Liver. JOURNAL OF AQUATIC ANIMAL HEALTH 28 (4): 258-265.
  14. Ángel Rodríguez-Hernández, María Camacho, Luis A. Henríquez-Hernández, Norberto Ruiz-Suárez, Pilar F. Valerón, Maira Almeida González, Luis D. Boada, Annalisa Zaccaroni, Manuel Zumbado, Octavio P. Luzardo (2016). Assessment of human health hazards associated with the dietary exposure to organic and inorganic contaminants through the consumption of fishery products in Spain. Science of the Total Environment 557–558: 808–818.
  15. Weijjs, L., Zaccaroni, A. (2016). Toxicology of Marine Mammals: New Developments and Opportunities. Archives of Environmental Contamination and Toxicology 70 (1): 1-8.
  16. García-Alvarez, N., Fernández, A., Boada, L., Zumbado, M., Zaccaroni, A., Arbelo, M., Sierra, E., Almunia, J., Luzardo, O.P. (2015). Mercury and selenium status of bottlenose dolphins (*Tursiops truncatus*): A study in stranded animals on the Canary Islands. Science of the Total Environment 536: 489-498.
  17. Mongile, F., Mandrioli, L., Mazzoni, M., Pirini, M., Zaccaroni, A., Sirri, R., Parma, L., Gatta, P.P., Sarli, G., Bonaldo, A. (2015). Dietary inclusion of mussel meal enhances performance and improves feed and protein utilization in common sole (*Solea solea*, Linnaeus, 1758) juveniles. Journal of Applied Ichthyology 31 (6): 1077-1085.
  18. Camacho, M., Orós, J., Henríquez-Hernández, L.A., Valerón, P.F., Boada, L.D., Zaccaroni, A., Zumbado, M., Luzardo, O.P. (2015). Influence of the rehabilitation of injured loggerhead turtles (*Caretta caretta*) on their blood levels of environmental organic pollutants and elements. Science of the Total Environment 487 (1): 436-442.
  19. Formigaro, C., Henríquez-Hernández, L.A., Zaccaroni, A., GarciaHartmann, M., Camacho, M., Boada, L.D., Zumbado, M., Luzardo, O.P. (2014). Assessment of current dietary intake of organochlorine contaminants and polycyclic aromatic hydrocarbons in killer whales (*Orcinus orca*) through direct determination in a group of whales in captivity. Science of the Total Environment 472: 1044-4051.
  20. Perugini, M., Visciano, P., Manera, M., Zaccaroni, A., Olivieri, V., Amorena, M. (2014). Heavy metal (As, Cd, Hg, Pb, Cu, Zn, Se) concentrations in muscle and bone of four commercial fish caught in the central Adriatic Sea, Italy. Environmental Monitoring and Assessment 186 (4): 2205-2213.
  21. Zaccaroni, A., Corteggio, A., Altamura, G., Silvi, M., Di Vaia, R., Formigaro, C., Borzacchiello, G. (2014). Elements levels in dogs from "triangle of death" and different areas of Campania region (Italy). Chemosphere 108: 62-69.

22. Camacho, M., Orós, J., Boada, L.D., Zaccaroni, A., Silvi, M., Formigaro, C., López, P., Zumbado, M., Luzardo, O.P. (2013). Potential adverse effects of inorganic pollutants on clinical parameters of loggerhead sea turtles (*Caretta caretta*): Results from a nesting colony from Cape Verde, West Africa. *Marine Environmental Research* 92: 15-22.
23. Sirri, R., Zaccaroni, A., Di Biase, A., Mordenti, O., Stancampiano, L., Sarli, G., Mandrioli, L. (2013). Effects of two water disinfectants (chloramine T and peracetic acid) on the epidermis and gills of Garra rufa used in human ichthyotherapy. *Polish Journal of Veterinary Sciences* 16 (3): 453-461.
24. O. Mordenti, A. Di Biase, G. Bastone, R. Sirri, A. Zaccaroni, A. Parmeggiani (2013). Controlled reproduction in the wild European eel (*Anguilla anguilla*): two populations compared. *AQUACULTURE INTERNATIONAL*, vol. 20, p. 1-19.
25. Mordenti, A. Di Biase, G. Bastone, R. Sirri, A. Zaccaroni, A. Parmeggiani (2012). Controlled reproduction in the wild European eel (*Anguilla anguilla*): two populations compared. *AQUACULTURE INTERNATIONAL*, vol. 20, p. 1-19
26. O. Mordenti, A. Di Biase, A. Zaccaroni, G. Bastone, D. Scaravelli (2012). Induced reproduction of *Aphanius fasciatus* by ecophysiological conditioning and hormonal treatment in fresh and marine water. *ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH*, vol. 64, p. 1-6
27. L. GAROFALO, A. ZACCARONI, D. SCARAVELLI, G.INSACCO, M.P. ZANGRILLI, A. NOVELLETTO, R. LORENZINI (2012). Morphology vs Genetics: the hybrid origin of a sea turtle disproved by DNA. *MEDITERRANEAN MARINE SCIENCE*, vol. 13, p. 239-242
28. Kakuschke A., Gandrass J., Luzardo O.P., Boada L.D., Zaccaroni A., Griesel S., Grebe M., Profrock D., Erbsloeh H.-B., Valentine-Thon E., Prange A., Kramer K. (2012). Postmortem health and pollution investigation on harbour seals (*Phoca vitulina*) of the Islands Helgoland and Sylt. *ISRN ZOOLOGY*, vol. 2012, p. 1-8
29. Poppi I., A. Zaccaroni, D. Pasotto, A. Mondin, F. Marcer, D. Scaravelli, S. Mazzariol (2012). Postmortem investigations on a leatherback turtle *Dermochelys coriacea* stranded along the Northern Adriatic coastline. *DISEASES OF AQUATIC ORGANISMS*, vol. 100, p. 71-76
30. Roncada P., Tomasi L., Sori F., Zaghini A., Zaccaroni A., Ferrara D. (2012). Residue depletion of sulphadiazine and trimethoprim in pigs and broilers after oral administration. *ONLINE JOURNAL OF ANIMAL AND FEED RESEARCH*, vol. 2, p. 270-276
31. R. Sirri, L. Mandrioli, O. Mordenti, A. Parmeggiani, D. Scaravelli, A. Zaccaroni (2011). Esposizione sperimentale a nonilfenolo di giovanili di tinca (*Tinca tinca*, Linnaeus 1758): rilievi istologici e determinazione dei livelli tiroidei. *ITTIOPATOLOGIA*, vol. 8, p. 53-62
32. Zaccaroni A., C. Niccoli, G. Andreani, D. Scaravelli, M.C. Ferrante, A. Lucisano, G. Isani (2011). Trace metal concentration in wild avian species from Campania, Italy. *CENTRAL EUROPEAN JOURNAL OF CHEMISTRY*, vol. 9, p. 86-93
33. G. DI GUARDO, U. PROIETTO, C.E. DI FRANCESCO, F. MARSILIO, A. ZACCARONI, D. SCARAVELLI, W. MIGNONE, F. GARIBALDI, S. KENNEDY, F. FORSTER, B. IULINI, E. BOZZETTA, C. CASALONE (2010). Cerebral Toxoplasmosis in Striped Dolphins (*Stenella coeruleoalba*) Stranded Along the Ligurian Sea Coast of Italy. *VETERINARY PATHOLOGY*, vol. 47, p. 245-253
34. D. SCARAVELLI, A. ZACCARONI, O. MORDENTI (2010). Stima dell'età di *Silurus glanis* mediante peso del cristallino. *STUDI TARENTINI DI SCIENZE NATURALI*, vol. 87, p. 253-254
35. ZACCARONI A., M. ZUCCHINI, L. SEGATTA, M. GAMBERONI, D. FREGGI, P. A. ACCORSI, D. SCARAVELLI, S. C. GARDNER (2010). Vitellogenin conservation in sea turtles: Anti-VTG antibody in *Chelonia mydas* vs. *Caretta caretta*. *PHYSIOLOGICAL AND BIOCHEMICAL ZOOLOGY*, vol. 83, p. 191-195
36. SCARAVELLI D., DI FRANCESCO N., SILVI M., ZACCARONI A. (2009). Evaluation of heavy metals accumulation along bottlenose (*Tursiops truncatus*) trophic chain in Northern Adriatic Sea. *VARSTVO NARAVE*, vol. 22, p. 167-175



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